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# Groundwater Quality Status and Pollution Assessment of K.R.Puram Industrial Area by the Use of Nemerow's Pollution Index

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## ABSTRACT

Water quality monitoring is fast becoming a topic of utmost importance and concern as it deals the health and health issues faced by people. One of the widely employed approaches in water quality assessment is the Nemerow index method and this approach has been employed in the current study and the groundwater quality of K.R.Puram industrial area in Bangalore, India, has been assessed. The quality evaluation has been done by collecting thirty groundwater samples each, both during the pre-monsoon and post-monsoon periods of the year 2017, in and around the K.R.Puram area and subjecting the samples to a comprehensive physico-chemical analysis. To calculate the Nemerow index, ten critical parameters vital from the health point of view has been considered, namely, pH, calcium, magnesium, total hardness, nitrate, chloride, sulphate, total dissolved solids, fluorides and iron. The NPI analysis carried out for these thirty samples revealed that a whopping 93.33 % of the samples exceeded unity, the upper limit for drinking water. The high value of NPI at these stations is mainly due to the excessive concentrations of total dissolved solids, hardness, nitrate, iron, calcium and chlorides. The analysis reveals that most of the groundwater samples are unfit for drinking purposes, which calls for continuous monitoring of groundwater supplies and to adopt a systematic environment management plan to safeguard against the pollution of drinking water.

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## Introduction

One of the biggest issues affecting the world is the quality of our meager resource, the groundwater, due to population explosion, high rate of industrialization, haphazard urbanization, pollution flow from upstream to downstream, excessive usage of fertilizers as well as pesticides in agricultural activities (Joarder et al., 2008). 50% wastes from industries are directly released to rivers and seas. Hence the water quality also changes. As a result, it is absolutely necessary to analyze the water quality (Musalaiah et al., 2017). But groundwater contamination monitoring is not easy to assess, especially when the sample size is huge and involving a number of quality parameters. Thus, the contamination indices are employed, which minimize the volume of data considerably and thereby eases the methodology of contamination scenario (Prasoon Kumar Singh et al., 2014).

Researchers have used a number of groundwater quality evaluation methods such as fuzzy comprehensive evaluation method (Fu et al., 2011), artificial neural network (Zhang et al., 2013), gray clustering method (Zhou et al., 2007), analytic hierarchy process (Su at al., 1997), Nemerow index method (Li, et al., 2009). Among them, the Nemerow index method is simple and easy to operate, which is not available in other comprehensive assessment methods (Kou et al., 2012).

In the current work, Nemerow's Pollution Index (NPI) has been chosen to evaluate the groundwater quality with respect to important parameters causing pollution.

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Nemerow's pollution index is a simplified pollution index introduced by Neme (Rathod et al.,2011) which is also known as Raw's pollution index. NPI provides information about extent of pollution for a particular water quality parameter with reference to its standard value. By calculating and analyzing the NPI values of water quality parameters for a region, principal pollutants of that region can be identified; which is a vital information regarding deteriorating water quality of the area as well as for the improvement of water quality in the area (Swati and Umesh, 2015).

The NPI, which is one of the most effective and simplified tools to communicate information on overall quality status of water to the concerned user community and policy makers. It is a powerful tool for processing analyzing, and conveying raw environmental information to decision makers, managers, technicians and the public (Caeiro et al., 2005). Nemerow pollution index, which combines the average value as well as maximum value of pollutants, was used to evaluate the water quality of M River by Li Ya-nan et al., 2008 and Guang et al. (2010).

## Materials and methods of analysis

Details of the study area

The city of Bangalore is located between north latitude  $12^{\circ}52'21''$  to  $13^{\circ}6'0''$  and east longitude  $77^{\circ}0'45''$  to  $77^{\circ}32'25''$ . K.R. Puram industrial area is the study area located in the heart of the city and forms a part of the topo sheet of Survey of India ,57 G/12. The area has a spread of 44 sqkm comprising of 850 industries of diversified category.

The area suffers from acute shortage of drinking water supplies. With no proper source to supply water, the 315 borewells and around 55 hand pumps struggle to meet the drinking water requirements. Poor sanitation still prevails, with the presence of percolation wells/soak pits resulting in the contamination of groundwater from both the community and disposal of industrial effluents (Bangalore Shankar and Latha Sanjeev, 2008).

Sampling and analysis

The analysis was carried out by identifying 30 groundwater sampling stations and collecting samples from these stations comprising both the open wells as well as borewells during the pre-monsoon (April-May) as well as post-monsoon (October and November) seasons in two litre PVC containers. These were sealed properly, made airtight and later analyzed for the physico-chemical parameters, in compliance with the Standard Methods for the Examination of Water and Wastewater (APHA,2002). The analysis results obtained have been interpreted in accordance with the standards prescribed under 'Indian Standard Drinking Water Specification IS 10500: 2003' of Bureau of Indian Standards (BIS,2003). For computing NPI, however, 10 critical parameters from the health point of view have been considered. Fig 1 depicts the location map of K.R. Puram along with the sampling stations.

#### Evaluation of Nemerow Pollution Index (NIP)

Nemerow's pollution index is evaluated with respect to the values of ten critical parameters, analyzed during the pre and post -monsoon seasons of 2017.

The NPI is computed using the equation 1.

 $NPI = Ci / Li \dots (1)$ 

Where Ci = observed concentration of  $i^{th}$  parameter

L<sub>i</sub>=permissible limit of i<sup>th</sup> parameter(Swati and Umesh, 2015)

Both the terms Ci and Li should bear the same units. Each value of NPI shows the relative pollution contributed by single parameter (Sudhakar Gummadi et al., 2015). NPS is an unitless quantity. Li values for different water quality parameters are indicated in Table 1.

 Table 1. Standard values of water quality parameters for

 NPI computation.

TAT I computation.									
Parameter	Permissible/ Standard								
	value as per BIS (L <sub>i</sub> )								
pН	8.5								
Total Hardness	300								
Calcium	75								
Magnesium	30								
Chloride	250								
Nitrate	45								
Sulphate	200								
TDS	500								
Fluoride	1.5								
Iron	0.3								



Fig 1. Location map of K.R.Puram industrial area showing the sampling stations.

## **Results and Discussion**

#### Physico-chemical analysis

Thirty samples were collected from the groundwater of the study area comprising of all the water sources and were analyzed for ten critical physico-chemical parameters. The results of the physico-chemical analysis during pre and post monsoon seasons are presented in Table 2 and Table 3 respectively and the interpretations of the same has been pictorially represented results in figures 2 to 4.

Out of the thirty samples analyzed for physico-chemical parameters, 17 (56.67%) were found to be non-potable as per the maximum permissible BIS standards as depicted in Fig 2. Atleast one or more parameters such as nitrates, total hardness, calcium, total dissolved solids (TDS), pH, chlorides and iron accounted for the high percentage of non-potability of the thirty samples examined. The main causative constituent for the non-potability of the sample is nitrates, which has accounted for the non-potability of 46.67% and 53.33% of the samples tested during pre and post monsoon seasons respectively. Total hardness accounted for 26.67% and 30% non-potability respectively, calcium for 20% and 23.33%, and TDS for 13.33% and 10% of unsafe samples respectively, as per the potable water criteria norms laid down by the BIS.

The study area has shown excessive concentrations of nitrates. The maximum, minimum and average concentrations of nitrates are found to be 256 mg/l and 243 mg/l in the two seasons respectively, as presented in Tables 2 and 3, which also gives the concentrations for other critical parameters. Nitrates in several samples are quite high, when compared to a BIS permissible limit of 45 mg/l. In the study area, organic origin is probably the cause for most of such occurrences, which can be assigned fairly definitely to drainage of water through soil containing domestic and industrial wastes, vegetable and animal matter. Septic tanks and garbage dump disposal may also be responsible for the high nitrate content in the study area. Water with more than 45 mg/l of nitrate is not permissible for drinking as per BIS standards and the limit is mandatory as, excess ingestion of nitrates may cause various health hazards. Nitrates oxidize the hemoglobin to methemoglobin and cause a number of diseases, which are mostly dependent on the intensity and duration of nitrate consumption (Perlstein and Attala, 1976). The consumption of nitrate rich water causes a large number of diseases like dizziness, abdominal disorder, vomiting, weaknesses, high

rate of palpitation, mental disorder and even stomach cancer etc. (Thind,1982., Burt et al., 1993).

The maximum concentration of total hardness during the pre and post-monsoons seasons is, 1410 mg/l and 1468 mg/l as  $CaCO_3$  respectively. The maximum calcium concentrations are 432 mg/l and 440 mg/l respectively.

The high degree of hardness in the study area can definitely be attributed to the disposal of untreated / improperly treated sewage and industrial wastes. The maximum permissible limit of total hardness as per BIS is 600mg/l. Hard water leads to incidence of urolithiasis (WHO, 1984), anencephaly, parental mortality, some types of cancer and cardio-vascular disorders (Durvey, 1991). Such waters can also develop scales in water heaters, distribution pipes and well pumps, boilers and cooking utensils, and require more soap for washing clothes (Todd, 1980., Karanth, 1997).

Total dissolved solids are found to have maximum concentration of 2590 mg/l during both the seasons. Waters with high total dissolved solids (>2000mg/l) are of inferior palatability and may induce an unfavourable physiological reaction in the transient consumer and gastrointestinal irritation (Dhembare et al.,2002). TDS signifies the inorganic pollution load of any water body (Sangeetha et al., 2000).

Iron concentrations revealed a high of 1.12 mg/l and 1.22 mg/l respectively in the two seasons. The higher value may be due to rusting of casing pipes, non-usage of borewells for long periods and disposal of scrap iron in open areas due to industrial activity (Shankar et al.,2008)

Only one sample had excess fluorides, with a high of 2.3 mg/l and 2.4 mg/l respectively in the two seasons. Fluorides in excess of 1.5 mg/l may lead to a crippling and painful disease called fluorosis, which may be in the form of dental fluorosis, skeletal fluorosis and non-skeletal fluorosis (Lakshmanan, and Rao,1994).

Chlorides in the groundwaters revealed a high of 1,165mg/l and 1,198 mg/l as against a B.I.S maximum limit of 1000mg/l and accounted for the non-potability of 6.67% of the samples. The higher value can definitely be attributed to the discharge of industrial effluents, which are contaminating the groundwater.

All these observations have been made against the maximum permissible limits and not the standard/allowable limits.

Sample no	Р <sup>н</sup>	Total Hardness, mg/ as CaCO3	Ca, mg/l	Mg, mg/l	Fe, mg/l	Cl, mg/l	NO <sub>3</sub> , mg/l	SO4, mg/l	TDS, mg/l	F, mg/l
1	8.2	170	52	10	0.64	110	16	66	590	1
2	7.2	314	96	18	1.02	200	32	70	670	2.3
3	8	514	160	28	0.88	400	70	96	1200	nil
4	7.92	302	88	20	0.16	320	22	80	810	nil
5	8.21	815	224	62	0.16	610	97	86	1600	nil
6	6.92	190	61	9	0.33	148	91	67	950	0.82
7	8.35	325	79	31	0.12	230	41	60	720	0.4
8	7.32	409	88	46	0.4	274	123	82	1110	0.22
9	7.9	813	260	40	0.12	740	186	242	2310	0.12
10	7.45	195	50	17	0.7	90	29	55	560	0.44
11	6.48	1410	432	81	0.23	1165	110	223	2590	0.46
12	6.56	323	80	30	0.46	258	6	116	920	0.46
13	7.9	654	203	36	0.22	462	44	60	1060	0.8
14	6.24	424	137	20	1.12	510	232	140	1800	0.38
15	7.51	454	162	12	0.12	532	155	180	2010	0.52

Table 2. Re	esults o	of phys	sico-cher	nical	analys	is of g	roundv	vater	sampl	es duri	ing pre	e-monsoon.
			I									

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16	7.66	670	170	60	0.1	434	243	68	1470	0.48
17	7.2	584	186	29	0.26	420	137	144	1580	0.14
18	8.4	195	60	11	0.1	130	20	55	670	nil
19	7.51	494	94	63	0	512	242	192	1730	0.66
20	7.55	210	46	23	0.2	106	32	36	540	0.52
21	7.66	774	254	34	0.1	902	235	208	2410	0.25
22	8.2	116	40	4	0.08	70	34	50	410	nil
23	8	224	60	18	0.52	200	30	40	530	nil
24	6.5	1240	286	128	0.4	1060	122	22	1940	nil
25	7.3	530	140	44	0.08	490	32	130	1200	nil
26	6.88	354	107	21	0.22	224	152	155	1050	0.14
27	6.1	622	160	54	0.29	480	38	108	1370	1.3
28	7.9	240	76	12	0	180	20	49	720	1.4
29	6.9	150	44	10	0	90	12	33	410	1.4
30	7.1	290	80	22	0.08	240	36	102	750	nil

Table 3. Results of physico-chemical analysis of groundwater samples during post-monsoon.

Sample no	$\mathbf{P}^{\mathbf{H}}$	Total Hardness, mg/l as CaCO3	Ca, mg/l	Mg, mg/l	Fe, mg/l	Cl, mg/l	NO <sub>3</sub> , mg/l	SO4, mg/l	TDS, mg/l	F, mg/l
1	8.2	200	50	18	0.56	140	22	80	520	1.1
2	7.2	330	100	20	1.14	240	38	80	670	2.4
3	8.1	502	152	30	0.72	432	88	104	1120	nil
4	7.94	330	96	22	0.28	360	30	86	800	nil
5	8.22	856	244	60	0.26	660	122	94	1540	nil
6	6.94	206	66	10	0.29	160	96	72	800	1.04
7	8.3	372	90	36	0	270	54	70	750	0.8
8	7.34	450	114	40	0.2	300	144	100	1050	0.42
9	8	920	280	55	0.22	820	214	260	2200	0.12
10	7.46	150	40	12	0.9	104	32	60	470	0.5
11	6.49	1468	440	90	0.38	1198	140	230	2590	0.24
12	6.56	288	76	24	0.38	266	10	130	790	0.66
13	7.9	710	212	44	0.36	520	60	80	1090	1
14	6.26	398	120	24	1.22	550	254	180	1730	0.44
15	7.52	464	150	22	0.12	564	172	222	1840	0.68
16	7.66	670	170	60	0.1	434	243	68	1330	0.48
17	7.22	666	214	32	0.34	482	144	170	1530	0.2
18	8.42	186	50	15	0.08	144	22	62	530	nil
19	7.53	524	78	80	0	604	256	212	1780	0.74
20	7.56	216	54	20	0.22	124	36	42	460	0.7
21	7.67	802	272	30	0.18	964	248	220	2380	0.42
22	8.22	100	30	6	0	76	30	55	340	nil
23	8	270	72	22	0.3	260	34	44	560	nil
24	6.52	1326	314	132	0.4	1124	140	28	1960	nil
25	7.31	516	128	48	0.07	510	36	126	1130	nil
26	6.89	360	100	27	0.28	240	168	170	980	0.22
27	6.11	640	174	50	0.32	512	40	118	1250	1.6
28	7.92	258	80	14	0	210	24	58	640	1.4
29	6.94	166	40	16	0	100	16	38	340	1.42
30	7.21	312	92	20	0	260	40	116	710	nil

#### Quality Assessment using NPI

Ten water quality parameters mentioned in Table 1 were considered for calculating the NPI values as explained earlier in this paper. The table also depicts the Li values for various quality parameters. NPI values exceeding 1.0 indicate the presence of contaminant in water.

As per Nemerow's Pollution Index (NPI), the pollution creating parameters at each station is calculated for both the pre-monsoon and post-monsoon seasons and presented in Tables 4 and 5, which also present the values of NPI. The predominant pollutants in the study area at each station during both seasons are identified and presented in Table 6.

On the basis of NPI, 28 out of 30 samples tested indicated pollution with TDS the largest contributor having NPI values greater than 1, equivalent to a massive 93.33% and 90% during the pre and post-monsoon respectively, clearly revealing the hazardous levels of TDS in groundwater. Total hardness was the second largest contributor of pollution with 66.67% of the samples exhibiting hardness values for NPI above 1. Chlorides were found to have excess NPI in 56.67% and 66.67% samples in pre and post-monsoon seasons respectively. Nitrate was next with 46.67% and 53.33% of the samples having higher NPI values. Iron also showed predominantly high NPI values with 33.33% and 36.67% of the samples exceeding the permissible value. The conventional analysis results as well as NPI analysis reveal considerable uniformity with respect to contributing to significant pollution in the study area.

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Tab	le 4. I	Results of I	NPI v	alue	s com	pute	d for	grou	ndwa	ter qu	uality	para	amete	ers du	uring	pre-n	nonso	on.

| e nc   | $\mathbf{P}^{\mathrm{H}}$  | NPI  | otal<br>,mg   
   | ξ NI   | PI   
   | Ngu N   
   | PI  
   | 1<br>mg/1   
  | NPI  | mg/l  | NPI   
   | mg/l  | NPI   
   | mg/l  
  | NPI   | mg/l   
  | NPI  | mg/l   | NPI  | mg/l  
  | NPI   |
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  |   |
| 1  | 8.2  | 0.96   | 200   
   | 0.0  | 57 5   
   | 60 0.   
   | 67  
   | 18 (  
  | ).6  | 0.56  | 1.87  
   | 140   | 0.56  
   | 5 22  
  | 0.49  | 80   
  | 0.4  | 520  | 1.04   | 1.1   
  | 0.73  |
| 2  | 7.2  | 0.85   | 330   
   | 1.   | 1 1  
   | 00 1.   
   | 33 2  
   | 20 (  
  | ).67   | 1.14  | 3.8   
   | 240   | 0.96  
   | 5 38  
  | 0.84  | 80   
  | 0.4  | 670  | 1.34   | 2.4   
  | 1.6   |
| 3  | 8.1  | 0.95   | 502   
   | 1.0  | 57 1   
   | 52 2.   
   | 03  
   | 30 1  
  | l  | 0.72  | 2.4   
   | 432   | 1.73  
   | 88  
  | 3 1.96  | i 104  
  | 0.52   | 1120   | 2.24   | 0   
  | 0   |
| 4  | 7.94   | 0.93   | 330   
   | 1.   | 1 9  
   | 06 1.1<br>44 2.1  
   | 28 2  
   | 22 (  
  | ).73   | 0.28  | 0.93  
   | 360   | 1.44  
   | 30  
  | 0.67  | 86   
  | 0.43   | 800  | 1.6  | 0   
  | 0   |
| 5<br>6   | 8.22<br>6.94   | 0.97   | 206   
   | 2.0  | 50 <i>E</i>  
   | 44 <u>3</u> .   
   | 25 (<br>88 <sup>-</sup>   
   | 00 ∡  
  | ) 33   | 0.26  | 0.87  
   | 160   | 2.64  
   | 96  
  | $\frac{2}{2.71}$  | 94   
  | 0.47   | 1540   | 3.08   | 1.04  
  | 0 69  |
| 7  | 8.3  | 0.98   | 372   
   | 1.2  | 24 9   
   | 0 0 1.  
   | 2 3   
   | 36 1  
  | 1.2  | 0.2   | 0.57  
   | 270   | 1.08  
   | 54  
  | 1.2   | 70   
  | 0.35   | 750  | 1.5  | 0.8   
  | 0.53  |
| 8  | 7.34   | 0.86   | 450   
   | 1.   | 5 1  
   | 14 1.   
   | 52 4  
   | 10 1  
  | 1.33   | 0.2   | 0.67  
   | 300   | 1.2   
   | 14  
  | 4 3.2   | 100  
  | 0.5  | 1050   | 2.1  | 0.42  
  | 0.28  |
| 9  | 8  | 0.94   | 920   
   | 3.0  | 07 2   
   | 80 3.   
   | 73  
   | 55 1  
  | 1.83   | 0.22  | 0.73  
   | 820   | 3.28  
   | 214   
  | 4 4.76  | 260  
  | ) 1.3  | 2200   | 4.4  | 0.12  
  | 0.08  |
| 10   | 7.46   | 0.88   | 150   
   | 0.   | 5 4  
   | 0 0.  
   | 53  
   | 12 (  
  | ).4  | 0.9   | 3   
   | 104   | 0.42  
   | 2 32  
  | 0.71  | 60   
  | 0.3  | 470  | 0.94   | 0.5   
  | 0.33  |
| 11<br>12   | 6.49   | 0.76   | 1468  
   | 4.8  | <u>89</u> 4  
   | 40 5.   
   | 8/ 9<br>01 2  
   | $\frac{1}{2}$   
  | 5<br>)   | 0.38  | 1.27  
   | 266   | 4.79  
   |   
  | 0 3.11  | 230  
  | ) 1.15   | 2590   | 5.18   | 0.24  
  | 0.16  |
| 12   | 7.9  | 0.77   | 710   
   | 2.3  | 37 2   
   | 12 2  
   | 83 4  
   | 14 1  
  | .8   | 0.36  | 1.27  
   | 520   | 2.08  
   | 60  
  | $1.3^{\circ}$   | 80   
  | 0.03   | 1090   | 2.18   | 1   
  | 0.44  |
| 14   | 6.26   | 0.74   | 398   
   | 1.   | 33 1   
   | 20 1.   
   | 6 2   
   | 24 (  
  | ).8  | 1.22  | 4.07  
   | 550   | 2.2   
   | 254   
  | 4 5.64  | 180  
  | 0.9  | 1730   | 3.46   | 0.44  
  | 0.29  |
| 15   | 7.52   | 0.88   | 464   
   | 1.   | 55 1   
   | 50 2  
   |   
   | 22 (  
  | ).73   | 0.12  | 0.4   
   | 564   | 2.26  
   | i 172   
  | 2 3.82  | 222  
  | 2 1.11   | 1840   | 3.68   | 0.68  
  | 0.45  |
| 16   | 7.66   | 0.9  | 670   
   | 2.2  | 23 1   
   | 70 2.   
   | 27 (  
   | 50 2  
  | 2  | 0.1   | 0.33  
   | 434   | 1.74  
   | 24  
  | 3 5.4   | 68   
  | 0.34   | 1330   | 2.66   | 0.48  
  | 0.32  |
| 17   | 7.22   | 0.85   | 666   
   | 2.2  | 22 2   
   | 14 2.   
   | 85  
   | 32 1  
  | 1.07   | 0.34  | 1.13  
   | 482   | 1.93  
   | 14  
  | 4 3.2   | 170  
  | 0.85   | 1530   | 3.06   | 0.2   
  | 0.13  |
| 18   | 8.42   | 0.99   | 186   
   | 0.0  | 52 5<br>75 7   
   | $\begin{bmatrix} 0 & 0. \\ 0 & 1 \end{bmatrix}$   
   | 6/ 1<br>04 9  
   | 15(2)   
  | ).5  | 0.08  | 0.27  
   | 604   | 0.58  
   | 22  
  | 2 0.49  | 62   
  | 0.31   | 530  | 1.06   | 0 74  
  | 0   |
| 19<br>20   | 7.55   | 0.89   | 216   
   | 1.<br>0'   | 72. 5  
   | 0 1.<br>4 0   
   | 72 2  
   | $\frac{1}{20}$  
  | 2.07<br>).67   | 0.22  | 073   
   | 124   | 0.5   
   | . 230<br>36   
  | 5 0 8   | <u>4</u> 212   
  | 0.21   | 460  | 0.92   | 0.74  
  | 0.49  |
| 20   | 7.67   | 0.8  | 802   
   | 2.0  | 57 2   
   | 72 3.   
   | 63 3  
   | 30 1  
  | J.07   | 0.18  | 0.6   
   | 964   | 3.86  
   | 24  
  | 8 5.51  | 220  
  | ) 1.1  | 2380   | 4.76   | 0.42  
  | 0.47  |
| 22   | 8.22   | 0.97   | 100   
   | 0.3  | 33 3   
   | <u>0 0.</u>   
   | 4   
   | 6 (   
  | ).2  | 0   | 0   
   | 76  | 0.3   
   | 30  
  | 0.67  | 55   
  | 0.28   | 340  | 0.68   | 0   
  | 0   |
| 23   | 8  | 0.94   | 270   
   | 0.9  | 9 7  
   | 2 0.  
   | 96 2  
   | 22 (  
  | ).73   | 0.3   | 1   
   | 260   | 1.04  
   | 34  
  | 0.76  | i 44   
  | 0.22   | 560  | 1.12   | 0   
  | 0   |
| 24   | 6.52   | 0.77   | 1326  
   | 4.4  | 42 3   
   | 14 4.   
   | 19 1  
   | 32 4  
  | 4.4  | 0.4   | 1.33  
   | 1124  | 4.5   
   | 14  
  | 0 3.11  | 28   
  | 0.14   | 1960   | 3.92   | 0   
  | 0   |
| 25   | 7.31   | 0.86   | 516   
   | 1.   | 72 1   
   | 28 1.   
   | 71 4  
   | 18 1  
  | l.6  | 0.07  | 0.23  
   | 510   | 2.04  
   | 36  
  | 5 0.8   | 120  
  | 5 0.63   | 1130   | 2.26   | 0   
  | 0   |
| 26<br>27   | 6.89   | 0.81   | <u> </u>  
   | 1  | 2 1<br>13 1  
   | 74 2  
   | 33 4  
   | 27 (<br>50 1  
  | ).9  | 0.28  | 0.93  
   | 512   | 0.96  
   |   
  | 8 3.73  |  
  | 0.85   | 980  | 1.96   | 0.22  
  | 0.15  |
| 28   | 7.92   | 0.72   | 258   
   | 0.8  | 86 8   
   | $\frac{74}{30}$ 1.  
   | 07  
   | 14 (  
  | ).47   | 0.32  | 0   
   | 210   | 0.84  
   | 24  
  | 0.53  | 58   
  | 0.29   | 640  | 1.28   | 1.4   
  | 0.93  |
| 29   | 6.94   | 0.82   | 166   
   | 0.   | 55 4   
   | 0 0.  
   | 53  
   | 16 (  
  | ).53   | 0   | 0   
   | 100   | 0.4   
   | 16  
  | 5 0.3e  | 5 38   
  | 0.19   | 340  | 0.68   | 1.42  
  | 0.95  |
| 30   | 7.21   | 0.85   | 212   
   | 1.4  | 24 0   
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  |  | 0   | ~   
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|  | /121   | 0.05   | 512   
   | 1.0  | J4 S   
   | 12  
   | 23 2  
   | 20 [0   
  | ).67   | 0   | 0   
   | 260   | 1.04  
   | 40  
  | 0.89  | 110  
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| ample no   | Tabl   | e 5. R   | Total<br>Iness, mg/ <b>o stifes</b>   
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   | ies c   
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   | ted<br>Ited   
  | ).67   | grou  | ndwa<br>Idu   
   | ater qu<br>Ngu TD   | 1.04<br>1ality<br>IdN   
   | <sup>40</sup> par<br><sup>7</sup> par<br><sup>7</sup> Nov <sup>8</sup> par  
  | amet  | $\frac{110}{\text{ers d}}$   
  | uring<br>IdN   | <b>g post-</b>   | 1.42<br>mons<br>IdN  | F, mg/  
  | 0<br>IdN  |
| Sample no  | Tabl   | e 5. R   | Total   
   | f NP   | Ca ,mg/l as Caco3  
   | ies co  
   | Mg, mg/l as<br>CaCO3<br>CaCO3   
   | ited<br>IdN  | ).67<br>for g  | Le, mg/1  
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   | 260<br>ater qu<br>V <sup>3</sup> m<br>TO  | 1.04<br>1ality<br>Idu   
   | par<br>par<br>/ <sup>2</sup> par<br>/ <sup>2</sup> m <sup>2</sup> / <sup>3</sup>  
  | amet  | ers d   | uring<br>IdN   
   | g post-<br>g post-<br>V <sup>g</sup> m 'SQL  | mons<br>IdN  | F, mg/  
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   | 02 1<br>1es co<br>IdN<br>0.69   
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   | ndwa<br>Idu   
   | 260<br>ater qu<br>70<br>110   | 1.04<br>nality<br>Idz<br>0.44   
   | <b>par</b><br>7 <b>par</b><br>7 <b>par</b><br>7 <b>par</b><br>16  
  | 0 0.89<br>camet   | ers d<br>V <sup>3</sup> m <sup>*</sup> POS  | 0.33   
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| 2<br>Sample no   | Tabl           #d.           8.2           7.2   | 0.85<br>e 5. R   | Size         Control         Control <thcontrol< th=""> <thcontrol< th=""> <thcont<
td=""><td>0.57<br/>1.05</td><td><b>valu</b><br/>(<b>valu</b><br/>(<b>valu</b><br/>(<b>valu</b><br/>(<b>valu</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>))<br/>(<b>v</b>)<br/>(<b>v</b>)<br/>(<b>v</b>))<br/>(<b>v</b>)<br/>(<b>v</b>))<br/>(<b>v</b>)<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>)))<br/>(<b>v</b>))<br/>(<b>v</b>))<br/>(<b>v</b>)))<br/>(<b>v</b>)))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b>v</b>))(<b></b></td><td>0.69<br/>1.28</td><td>2 5 22<br/>ompu<br/>Mg, mg/J as<br/>CaCO3<br/>10<br/>10</td><td>20 0<br/><b>Ited</b><br/>IdN<br/>0.3:<br/>0.6</td><td>0.67<br/>for g<br/>5<br/>3 0.6<br/>1.0</td><td><b>grou</b><br/><b>grou</b><br/>54 2<br/>02 3</td><td>0<br/>ndw:<br/>IAN<br/>.13 1<br/>.4 2</td><td>260<br/>ater qu<br/>V<sup>30</sup><br/>10<br/>200<br/>0</td><td>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04</td><td><b>par</b><br/>7 <b>par</b><br/>16<br/>32</td><td>0.36<br/>0.71</td><td>ers d<br/>V<sup>5</sup>m<sup>*</sup><sup>†</sup>OS<br/>66<br/>70</td><td>0.33<br/>0.35</td><td><b>710</b><br/><b>post-</b><br/><i>V</i><sup>Sm</sup> (SQL<br/>590<br/>670</td><td>1.42<br/>mons<br/>Idu<br/>1.18<br/>1.34</td><td>0<br/>500n.<br/>Vgg<br/>'L'<br/>1<br/>2.3</td><td>0<br/>IdN<br/>0.67<br/>1.53</td></thcont<></thcontrol<></thcontrol<>   | 0.57<br>1.05   
   | <b>valu</b><br>( <b>valu</b><br>( <b>valu</b><br>( <b>valu</b><br>( <b>valu</b> )<br>( <b>v</b> ))<br>( <b>v</b> )<br>( <b>v</b> )<br>( <b>v</b> ))<br>( <b>v</b> )<br>( <b>v</b> ))<br>( <b>v</b> )<br>( <b>v</b> ))<br>( <b>v</b> )))<br>( <b>v</b> ))<br>( <b>v</b> ))<br>( <b>v</b> )))<br>( <b>v</b> )))( <b>v</b> ))( <b></b>   | 0.69<br>1.28  
   | 2 5 22<br>ompu<br>Mg, mg/J as<br>CaCO3<br>10<br>10  
   | 20 0<br><b>Ited</b><br>IdN<br>0.3:<br>0.6  | 0.67<br>for g<br>5<br>3 0.6<br>1.0   
   | <b>grou</b><br><b>grou</b><br>54 2<br>02 3  | 0<br>ndw:<br>IAN<br>.13 1<br>.4 2   
   | 260<br>ater qu<br>V <sup>30</sup><br>10<br>200<br>0   |
1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04  | <b>par</b><br>7 <b>par</b><br>16<br>32   
   | 0.36<br>0.71  | ers d<br>V <sup>5</sup> m <sup>*</sup> <sup>†</sup> OS<br>66<br>70  
   | 0.33<br>0.35   | <b>710</b><br><b>post-</b><br><i>V</i> <sup>Sm</sup> (SQL<br>590<br>670  | 1.42<br>mons<br>Idu<br>1.18<br>1.34  | 0<br>500n.<br>Vgg<br>'L'<br>1<br>2.3   
   | 0<br>IdN<br>0.67<br>1.53  |
| 2 Sample no  | Tabl           #   | e 5. R<br>0.96<br>0.96<br>0.94<br>0.93   | Size         Size <th< td=""><td>0.57<br/>1.05<br/>1.71</td><td><b>valu</b><br/><b>valu</b><br/>(a<sup>v</sup>mg/ az<br/>(a<sup>v</sup>mg/
az<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)<br/>(a<sup>v</sup>o)</td><td>0.69<br/>1.28<br/>2.13</td><td>CaCO3<br/>CaCO3<br/>10<br/>10<br/>10<br/>10<br/>10<br/>10<br/>10<br/>10<br/>10<br/>10</td><td>20 (1<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1</td><td>0.67<br/>for g<br/>5<br/>3<br/>0.6<br/>1.0<br/>3<br/>0.8<br/>7<br/>0.5<br/>7<br/>0.5<br/>7<br/>0.5<br/>7<br/>0.5<br/>7<br/>0.5<br/>7<br/>0.5<br/>7<br/>0.5<br/>7<br/>0.5<br/>7<br/>1.5<br/>1.5<br/>1.5<br/>1.5<br/>1.5<br/>1.5<br/>1.5<br/>1.5</td><td><b>grou</b><br/><b>grou</b><br/>54 2<br/>02 3<br/>88 2</td><td>0<br/>ndwa<br/>Idu<br/>.13 1<br/>.4 2<br/>.93 4<br/>.53 2</td><td>260<br/>ater qu<br/>V<br/>10<br/>110<br/>200<br/>400<br/>320</td><td>1.04<br/>1.04<br/>1.04<br/>1.0<br/>1.0<br/>1.04<br/>1.0<br/>1.02<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.04<br/>1.0</td><td><b>par</b><br/><b>par</b><br/>V<sup>m</sup><sup>2</sup><sup>0</sup><br/>16<br/>32<br/>70<br/>22</td><td>0 0.89<br/><b>amet</b><br/>A<br/>0.36<br/>0.71<br/>1.56<br/>0.49</td><td>ers d<br/>V<sup>3</sup>uu<sup>*</sup><sup>0</sup> SO<sup>4</sup></td><td>0.33<br/>0.35<br/>0.48</td><td>710<br/><b>post-</b><br/>V<sup>gm</sup> (SCL<br/>590<br/>670<br/>1200<br/>810</td><td>1.42<br/>mons<br/>Idu<br/>1.18<br/>1.34<br/>2.4<br/>1.62</td><td>0<br/>0001.<br/>V<sup>SB</sup>.<br/>H<br/>1<br/>2.3<br/>0<br/>0</td><td>0<br/>IdN<br/>0.67<br/>1.53<br/>0</td></th<> | 0.57<br>1.05<br>1.71  
  | <b>valu</b><br><b>valu</b><br>(a <sup>v</sup> mg/ az<br>(a <sup>v</sup> mg/ az<br>(a <sup>v</sup> o)<br>(a <sup>v</sup> o) | 0.69<br>1.28<br>2.13  
   | CaCO3<br>CaCO3<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10  
   | 20 (1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1   | 0.67<br>for g<br>5<br>3<br>0.6<br>1.0<br>3<br>0.8<br>7<br>0.5<br>7<br>0.5<br>7<br>0.5<br>7<br>0.5<br>7<br>0.5<br>7<br>0.5<br>7<br>0.5<br>7<br>0.5<br>7<br>1.5<br>1.5<br>1.5<br>1.5<br>1.5<br>1.5<br>1.5<br>1.5   | <b>grou</b><br><b>grou</b><br>54 2<br>02 3<br>88 2  
   | 0<br>ndwa<br>Idu<br>.13 1<br>.4 2<br>.93 4<br>.53 2   
   | 260<br>ater qu<br>V<br>10<br>110<br>200<br>400<br>320   |
1.04<br>1.04<br>1.04<br>1.0<br>1.0<br>1.04<br>1.0<br>1.02<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.04<br>1.0  | <b>par</b><br><b>par</b><br>V <sup>m</sup> <sup>2</sup> <sup>0</sup><br>16<br>32<br>70<br>22   
   | 0 0.89<br><b>amet</b><br>A<br>0.36<br>0.71<br>1.56<br>0.49  | ers d<br>V <sup>3</sup> uu <sup>*</sup> <sup>0</sup> SO <sup>4</sup>  
   | 0.33<br>0.35<br>0.48   | 710<br><b>post-</b><br>V <sup>gm</sup> (SCL<br>590<br>670<br>1200<br>810   | 1.42<br>mons<br>Idu<br>1.18<br>1.34<br>2.4<br>1.62   | 0<br>0001.<br>V <sup>SB</sup> .<br>H<br>1<br>2.3<br>0<br>0   
   | 0<br>IdN<br>0.67<br>1.53<br>0   |
| 23<br>1<br>2<br>3<br>4<br>5  | Tabl           #_L           8.2           7.2           8           7.92           8.21   | 0.96<br>0.96<br>0.96<br>0.94<br>0.93<br>0.97   | 312           cesults o           1011           170           314           514           302           815  
   | 0.57<br>1.05<br>1.71<br>2.72   | <b>vali</b><br>swift as<br>52<br>96<br>160<br>88<br>224  
   | 0.69<br>1.28<br>2.13<br>1.17<br>2.99  
   | Ompu           Ompu           Ompu           Washing           10           18           28           20           62   
   | 20 (1<br>ted<br>IdN<br>0.3:<br>0.6<br>0.6<br>0.9:<br>0.6  
  | J.67           for         g           3         0.6           3         0.6           3         0.8           7         0.7           7         0.7   | 0           groun           0   | 13
1<br>14<br>14<br>13<br>13<br>14<br>13<br>14<br>12<br>13<br>14<br>12<br>13<br>14<br>12<br>13<br>14<br>14<br>12<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14<br>14  | 260<br>ater qu<br>5<br>110 (<br>200 (<br>400<br>320 (<br>510 (2)  | 1.04<br><b>nality</b><br>EX<br>0.44<br>0.8<br>1.6<br>1.28<br>2.44   
   | <b>par</b><br><b>par</b><br>V <sup>Bur</sup> <sup>c</sup> ON 16<br>32<br>70<br>22<br>97   
  | 0.36<br>0.71<br>0.36<br>0.71<br>1.56<br>0.49<br>2.16  | ers d<br>//su <sup>*</sup> OS<br>66<br>70<br>96<br>80<br>86  
  | 0.33<br>0.35<br>0.48<br>0.43   | <b>590</b><br><b>670</b><br><b>1200</b><br><b>810</b>  | 1.18<br>1.18<br>1.34<br>2.4<br>1.62<br>3.2   | 0<br>0001.<br>Von<br>L<br>1<br>2.3<br>0<br>0<br>0<br>0  
  | 0<br>IAN<br>0.67<br>1.53<br>0<br>0<br>0   |
| 2 amble no<br>3 4<br>5 6   | Tabl           Fa,           8.2           7.2           8           7.92           8.21           6.92  | 0.96<br>0.96<br>0.94<br>0.93<br>0.97<br>0.81   | Size         Size           Casults o         10431           Hardness'mg/         10431           11as         20203           11as         2020           1090         1041   
   | 0.57<br>1.05<br>1.71<br>1.01<br>2.72<br>0.63   | valt<br>sa Vigu, a<br>52<br>96<br>160<br>888<br>224<br>61  
   | 0.69<br>1.28<br>2.13<br>1.17<br>2.99<br>0.81  
   | <b>ompu</b><br><b>ompu</b><br>Mg, mg/ as<br>Mg, mg, mg, mg, mg, mg, mg, mg, mg, mg, m   
   | 20 ( <b>ited</b><br>Idv<br>0.3:<br>0.6<br>0.9:<br>0.6<br>2.0<br>0.3  | J.67           for g           3         0.6           3         0.6           3         0.2           7         0.1           7         0.2   
   | 0           groun           64         2           02         3           88         2           16         0           33         1  | 13 1<br>.13 1<br>.4 2<br>.53 2<br>.53 6<br>.1 1   
   | 260           ater qu           50           110           200           400           320           510           2148   | 1.04<br><b>Jality</b><br>1.28<br>1.6<br>1.28<br>2.44<br>0.59  
   | <b>par</b><br><b>par</b><br>V <sup>g</sup> u <sup>*</sup> <sup>c</sup> ON 16<br>32<br>70<br>22<br>97<br>91  
  | 0.36<br>0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02  | ers d<br><i>V</i> <sup>3</sup> m <sup>*</sup> OS<br>66<br>70<br>96<br>80<br>86<br>67<br>96<br>80<br>67   
                                  | 0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34  | <b>9 710</b><br><b>9 post-</b><br><b>9 post-</b><br><b>9</b> | 1.42<br>mons<br>Idu<br>1.18<br>1.34<br>2.4<br>1.62<br>3.2<br>1.9   | 0<br><b>Soon.</b><br>Volume<br>1<br>2.3<br>0<br>0<br>0<br>0.82   | 0<br>IdV<br>0.67<br>1.53<br>0<br>0<br>0<br>0<br>0.55   
  |
| ou aldure 2<br>3<br>4<br>5<br>6<br>7<br>7  | Tabl           #a.           8.2           7.2           8           7.92           8.21           6.92           8.32   | 0.96<br>0.96<br>0.96<br>0.94<br>0.93<br>0.97<br>0.81<br>0.97   | 312           Scesults o           COP           170           314           514           302           815           190           325  
   | 0.57<br>1.05<br>1.71<br>1.01<br>2.72<br>0.63<br>1.08   | value           value           52           96           160           88           224           61           79   
   | 0.69<br>1.28<br>2.13<br>1.17<br>2.99<br>0.81<br>1.05  
   | 23 2<br>ompu<br>sw E0020<br>10<br>18<br>28<br>20<br>62<br>9<br>31   
   | 20 0<br><b>Ited</b><br>IdV<br>0.3:<br>0.6<br>0.9:<br>0.6<br>0.9:<br>0.6<br>0.3<br>1.0:<br>1.0:  
  | J.67           for g           3           3           1.0           3           7           0.1           3           0.1           3   | 0           groun           64         2           02         3           88         2           16         0           33         1           12         0   | 13 1<br>.13 1<br>.4 2<br>.53 3<br>.53 6<br>.1 1<br>.4 2                                       
   | 260<br>ater qu<br>50<br>110 (200<br>400<br>320<br>510 2<br>148 (230)  | 1.04<br><b>ality</b><br><b>A</b><br><b>a</b><br><b>b</b><br><b>b</b><br><b>b</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b>  
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   | Illo           ers d           Ø<   | 0.33<br>0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.34  | 590<br>670<br>1200<br>810<br>1600<br>950<br>720  | 1.42<br>mons<br>IdN<br>1.18<br>1.34<br>2.4<br>1.62<br>3.2<br>1.9<br>1.44   | 1<br>2.3<br>0<br>0<br>0<br>0.82<br>0.4   
   | 0<br>1.53<br>0<br>0<br>0<br>0.55<br>0.27  |
| 0 ou ajdung<br>1 2 3 4 5 6 7 8 9 9   | Tabl           #           8.2           7.2           8           7.92           8.21           6.92           8.35           7.32           7.9  | 0.96<br>0.96<br>0.96<br>0.93<br>0.94<br>0.93<br>0.97<br>0.81<br>0.98<br>0.86<br>0.93   | 312           Sesults o           1013           170           314           514           302           815           190           325           409           813  
   | 0.57<br>1.05<br>1.71<br>1.01<br>2.72<br>0.63<br>1.08<br>1.36<br>2.71   |
<b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b><br><b>valu</b>   | 0.69<br>1.28<br>2.13<br>1.17<br>2.99<br>0.81<br>1.05<br>1.17<br>3.47  
   | 23
2<br>ompu<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support<br>support  
   | 20 (0<br>tted<br>0.3<br>0.6<br>0.9<br>0.6<br>2.0<br>0.3<br>1.0<br>1.5<br>1.2   | 0.67       for g       3     0.6       3     0.6       3     0.2       7     0.2       3     0.2       3     0.2       3     0.2       3     0.2       3     0.2   | 0           groun           5           64         2           02         3           88         2           16         0           33         1           12         0           4         1           12         0  
   | 13 1<br>.13 1<br>.4 2<br>.53 2<br>.53 6<br>.1 1<br>.4 2<br>.53 2<br>.53 6<br>.1 1<br>.4 2<br>.33 2  
   | 260           ater qu           50           110         0           200         0           400         320           510         2           148         0           274         740  | 1.04<br><b>ality</b><br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A   
   | <b>par</b><br><b>par</b><br><b>b</b><br><b>b</b><br><b>b</b><br><b>b</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b>   | 0.36<br>0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13   
  | ers d<br>V <sup>3m<sup>+</sup></sup> OS 66<br>70<br>96<br>80<br>86<br>67<br>60<br>82<br>242   | 0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.3<br>0.34<br>0.3  | 590<br>670<br>1200<br>810<br>1600<br>950<br>1110<br>2310  
  | 1.42<br>mons<br>Idv<br>1.18<br>1.34<br>2.4<br>1.62<br>3.2<br>1.9<br>1.44<br>2.22<br>1.9  | 1<br>2.3<br>0<br>0<br>0<br>0<br>0.82<br>0.4<br>0.22<br>0.12  | 0<br>IIII<br>0.67<br>1.53<br>0<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10  | Tabl           #   | 0.96<br>0.96<br>0.96<br>0.93<br>0.97<br>0.81<br>0.98<br>0.98<br>0.93<br>0.88   | 312           Cesults o           Cost           Image: state of the stat   
   | 0.57<br>1.05<br>1.71<br>1.01<br>2.72<br>0.63<br>1.08<br>1.36<br>2.71<br>0.65   | yal         yal           valu         valu           sw Vgm, so         52           96         160           88         224           61         79           88         260           50         50   
   | 0.69<br>1.28<br>2.13<br>1.17<br>2.99<br>0.81<br>1.05<br>1.17<br>3.47<br>0.67  
   | 23<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   
   | 20 (0<br>tted<br>0.3:<br>0.6<br>0.9:<br>0.6<br>2.0'<br>0.3<br>1.0:<br>1.5:<br>1.3:<br>0.5  | J.67           for         g           3         0.6           3         0.2           7         0.2           7         0.2           3         0.4           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2   | 0           groun           64         2           02         3           88         2      
    16         0           33         1           12         0           4         1           12         0           7         2  | 13 1<br>.13 1<br>.4 2<br>.53 2<br>.53 6<br>.1 1<br>.4 2<br>.33 2<br>.33 2   
   | 260           ater qu           50           110         0           200         0           400         320           510         2           148         0           230         0           274         740         2           90         0         0   | 1.04<br><b>ality</b><br>0.44<br>0.8<br>1.6<br>1.28<br>2.44<br>0.59<br>0.92<br>1.1<br>2.96<br>0.36   
   | 440<br><b>pan</b><br><b>pan</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b>   
  | 0.36<br>0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64  | ers d<br>66<br>70<br>96<br>80<br>86<br>67<br>60<br>82<br>242<br>55  | 0.33<br>0.35<br>0.48<br>0.4<br>0.4<br>0.4<br>0.3<br>0.34<br>0.3<br>0.31<br>0.34<br>0.3<br>0.41<br>1.21<br>0.28   
   | 710       g post-       590       670       1200       810       1600       950       720       1110       2310       560  | 1.42<br>mons<br>Idv<br>1.18<br>1.34<br>2.4<br>1.62<br>3.2<br>1.9<br>1.44<br>2.22<br>4.62<br>1.12   | 1<br>2.3<br>0<br>0<br>0<br>0.82<br>0.4<br>0.22<br>0.12<br>0.44  
  | 0<br>EX<br>0.67<br>1.53<br>0<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29  |
| 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11   | Tabl           #   | e         5. R           0.96         0.85           0.94         0.93           0.97         0.81           0.98         0.86           0.93         0.86   | 312           cesults o           Iotal           10031           1170           314           514           302           815           190           325           409           813           195           1410   
   | 0.57<br>1.05<br>1.71<br>1.01<br>2.72<br>0.63<br>1.08<br>1.36<br>2.71<br>0.65<br>4.7  | yah           vah           vah           se Võut e)           52           96           160           88           224           61           79           88           260           50           432  
   | 0.69<br>1.28<br>2.13<br>1.17<br>2.99<br>0.81<br>1.05<br>1.17<br>3.47<br>0.67<br>5.76  
   | 23<br>ompt<br>ke USB<br>W<br>10<br>18<br>28<br>20<br>62<br>9<br>31<br>46<br>40<br>17<br>81  
   | 20 (0<br>ted<br>0.3<br>0.6<br>0.9<br>0.6<br>2.0<br>0.3<br>1.0<br>1.5<br>1.3<br>0.5<br>2.7   
  | 0.67           for ;           3           0.1           3           0.1           3           0.1           3           0.2           3           0.3           0.1           0.2           3           0.1           0.2           3           0.2           3           0.2   | 0           ground           ground           64         2           64         2           64         2           16         0           33         1           12         0           4         1           12         0           7         2           23         0   | 113         1           113         1           4         2           553         3          
553         3           11         1           44         2           33         2           44         2           33         2           44         2           33         2           777         1  | 260           ater qu           50           110         0           200         0           400         320           510         2           148         0           230         0           274         2           740         2           90         0           1165         2  |
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   | 260           ater qu           320           510           2300           448           62           274           740           258           462   | 1.04<br><b>aality</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b><br><b>a</b>   
   | 40           par           16           32           70           22           97           91           123           186           29           110           6           44           222   | 0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.91<br>2.44<br>0.13<br>0.98   
  | III           ers d           66           70           96           80           86           67           60           82           242           55           223           116           60   | 0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.44<br>0.3<br>0.44<br>0.3<br>0.44<br>1.21<br>0.28<br>0.34<br>1.12<br>0.58<br>0.3<br>0.7  | 590<br>670<br>1200<br>810<br>1600<br>950<br>720<br>1110<br>2310<br>560<br>2590<br>920<br>1060                   
  | 1.422<br>mons<br>a<br>1.18<br>1.34<br>2.4<br>1.62<br>3.2<br>1.9<br>1.44<br>2.22<br>4.62<br>5.18<br>1.84<br>2.42<br>2.42<br>1.12<br>3.2<br>1.14<br>2.22<br>2.4<br>2.4<br>2.4<br>1.18<br>1.42<br>2.4<br>1.18<br>1.42<br>2.4<br>1.18<br>1.42<br>2.4<br>1.18<br>1.42<br>2.4<br>1.18<br>1.42<br>2.4<br>1.19<br>1.44<br>2.4<br>2.4<br>1.18<br>1.44<br>2.4<br>1.18<br>1.44<br>2.4<br>1.19<br>1.44<br>2.4<br>2.4<br>1.19<br>1.44<br>2.4<br>2.4<br>1.19<br>1.44<br>2.4<br>2.4<br>1.19<br>1.44<br>2.4<br>2.4<br>1.19<br>1.44<br>2.4<br>2.4<br>1.19<br>1.44<br>2.4<br>2.4<br>1.19<br>1.44<br>2.42<br>1.19<br>1.14<br>2.42<br>1.18<br>1.44<br>2.42<br>1.19<br>1.14<br>2.42<br>1.12<br>2.42<br>1.12<br>2.42<br>1.12<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>1.14<br>2.42<br>2.42 | 1<br>2.3<br>0<br>0<br>0<br>0.82<br>0.4<br>0.22<br>0.12<br>0.44<br>0.46<br>0.46<br>0.46<br>0.88<br>0.28   | 0<br>0.67<br>1.53<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29<br>0.31<br>0.31<br>0.25  
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| 01 of the second | Tabl           #2.           8.2           7.2           8           7.92           8.21           6.92           8.35           7.32           7.9           7.45           6.456           7.9           6.24           7.51   | e 5. R<br>0.96<br>0.96<br>0.94<br>0.93<br>0.94<br>0.93<br>0.97<br>0.81<br>0.98<br>0.86<br>0.93<br>0.88<br>0.76<br>0.77<br>0.93<br>0.73<br>0.88   | 312           Cosults o           Correction           Second Second           Intervention           170           314           514           302           815           190           325           409           813           195           1410           323           654           424           454  
   | 11.0           6.57           1.05           1.71           1.01           2.72           0.63           1.36           2.71           0.055           1.08           2.18           1.41           1.51   | Ja         State           L vali         State           State  
   | 0.69<br>1.28<br>2.13<br>1.17<br>2.99<br>0.81<br>1.05<br>1.17<br>3.47<br>0.67<br>5.76<br>1.07<br>2.71<br>1.83<br>2.16  
   | 23         2           ompti  
   | 20         0           tted         0.33           0.6         0.99           0.66         0.99           0.66         0.91           0.33         1.00           1.53         0.55           2.77         1           1.22         0.66           0.93         0.55   | 3         0.67           33         0.6           1.0         3           33         0.4           34         0.3           35         0.4           36         0.3           37         0.3           30         0.4           33         0.4           34         0.3           35         0.4           36         0.3           37         0.7           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7   | 0           groun           groun           50           64         2           02         3           88         2           16         0           33         1           12         0           44         1           122         0           122         0           122         0           122         0           122         0           122         0           122         0           122         0           12         0  
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   | 40           pan           10 <sup>3</sup> 110           6           44           232           110           6           44           232           115  
  | 0 0.89<br><b>amet</b><br>0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.98<br>5.16<br>3.44   | IIId           ers d           Justic           0           0           111           ers d           0           0           10              | 0.33<br>0.35<br>0.48<br>0.43<br>0.40<br>0.40<br>0.40<br>0.41<br>1.21<br>0.28<br>1.12<br>0.58<br>0.3<br>0.7<br>0.9  
   | 710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010  | 1.142<br>mons<br>a<br>2<br>1.118<br>1.34<br>2.4<br>1.62<br>3.2<br>1.19<br>1.14<br>2.22<br>4.62<br>1.12<br>5.18<br>1.84<br>2.12<br>3.6<br>4.02  | 1<br>2.3<br>0<br>1<br>2.3<br>0<br>0<br>0<br>0.82<br>0.4<br>0.22<br>0.12<br>0.44<br>0.46<br>0.46<br>0.46<br>0.46<br>0.46<br>0.38<br>0.52  | 0<br>0.67<br>1.53<br>0<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29<br>0.31<br>0.53<br>0.25<br>0.25<br>0.35   
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R<br>0.96<br>0.96<br>0.94<br>0.93<br>0.97<br>0.81<br>0.98<br>0.98<br>0.93<br>0.88<br>0.76<br>0.77<br>0.93<br>0.73<br>0.88<br>0.93<br>0.93<br>0.93<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93   | 312           cesults o           a           b           a <th< td=""><td>11.0           E           0.57           1.05           1.71           1.01           2.72           0.63           1.08           1.36           2.71           0.65           4.7           1.08           2.18           1.41           1.51</td><td>Image: product of the state of the</td><td>12         1           12         1           13         1           1         2           1         1           1</td><td>23         2           omput         Image: Construction of the second seco</td><td>20         [0]           tted         [0]           0.3         [0]           0.6         [0]           0.6         [0]           0.3         [1]           1.5         [1]           1.5         [1]           1.5         [1]           0.5'         [2]           0.6'         [0]           0.5'         [2]           0.6'         [0]           0.5'         [2]           0.6'         [0]           0.5'         [2]           0.6'         [0]           0.5'         [2]           0.6'         [0]           0.5'         [2]           0.6'         [0]           0.4'         [2]</td><td>3         0.67           3         0.6           1.0         3           3         0.2           3         0.3           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           0.2         0.2           0.2         0.2           0.2         0.2           0.1         0.2</td><td>0           grout           grout</td><td>113         1           14         2           553         2           553         2           11         1           4         2           33         2           4         1           33         2           777         1           573         2           773         2           773         4           333         2</td><td>260         ater qu         310         50         110         0         200         0         320         510         230         610         230         610         274         740         258         462         510         258         462         510         532         434</td><td>1.04<br/><b>nality</b><br/><b>a</b><br/><b>a</b><br/><b>b</b><br/><b>a</b><br/><b>b</b><br/><b>b</b><br/><b>b</b><br/><b>b</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b></td><td>40           par           juint           juint</td><td>0 0.89<br/>• amet<br/>0.36<br/>0.71<br/>1.56<br/>0.49<br/>2.16<br/>2.02<br/>0.91<br/>2.73<br/>4.13<br/>0.64<br/>2.44<br/>0.13<br/>0.98<br/>5.16<br/>3.44<br/>5.4</td><td>III           ers d           Joseph Line           O           66           70           96           80           86           67           60           82           2242           55           223           1116           60           140           180           68</td><td>0.33<br/>0.35<br/>0.48<br/>0.4<br/>0.43<br/>0.34<br/>0.41<br/>1.21<br/>0.28<br/>1.12<br/>0.58<br/>0.3<br/>0.7<br/>0.9<br/>0.34</td><td>710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470</td><td>1.142           mons           E           I.18           1.34           2.4           1.62           3.2           1.9           1.44           2.22           4.62           1.12           5.18           1.84           2.12           3.6          
4.02           2.94</td><td>1<br/>2.3<br/>0<br/>0<br/>0<br/>0<br/>0.82<br/>0.4<br/>0.22<br/>0.4<br/>0.46<br/>0.46<br/>0.46<br/>0.46<br/>0.46<br/>0.46<br/>0.38<br/>0.38<br/>0.52<br/>0.48</td><td>0<br/>EX<br/>0.67<br/>1.53<br/>0<br/>0<br/>0<br/>0.55<br/>0.27<br/>0.15<br/>0.08<br/>0.29<br/>0.31<br/>0.53<br/>0.25<br/>0.35<br/>0.35<br/>0.32</td></th<>   | 11.0           E           0.57           1.05           1.71           1.01           2.72           0.63           1.08           1.36           2.71           0.65           4.7           1.08           2.18           1.41           1.51   | Image: product of the state of the  | 12         1           12         1           13         1           1         2           1         1           1   
  | 23         2           omput         Image: Construction of the second seco  
  | 20         [0]           tted         [0]           0.3         [0]           0.6         [0]           0.6         [0]           0.3         [1]           1.5         [1]           1.5         [1]           1.5         [1]           0.5'         [2]           0.6'         [0]           0.5'         [2]           0.6'         [0]           0.5'         [2]           0.6'         [0]           0.5'         [2]           0.6'         [0]           0.5'         [2]           0.6'         [0]           0.5'         [2]           0.6'         [0]           0.4'         [2]   
   | 3         0.67           3         0.6           1.0         3           3         0.2           3         0.3           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           0.2         0.2           0.2         0.2           0.2         0.2           0.1         0.2   | 0           grout  
        | 113         1           14         2           553         2           553         2           11         1           4         2           33         2           4         1           33         2           777         1           573         2           773         2           773         4           333         2   | 260         ater qu         310         50         110         0         200         0         320         510         230         610         230         610         274         740         258         462         510         258         462         510         532         434  | 1.04<br><b>nality</b><br><b>a</b><br><b>a</b><br><b>b</b><br><b>a</b><br><b>b</b><br><b>b</b><br><b>b</b><br><b>b</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b>  
  | 40           par           juint   
   | 0 0.89<br>• amet<br>0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.98<br>5.16<br>3.44<br>5.4   | III           ers d           Joseph Line           O           66           70           96           80           86           67           60           82           2242           55           223           1116           60           140           180           68  
   | 0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.41<br>1.21<br>0.28<br>1.12<br>0.58<br>0.3<br>0.7<br>0.9<br>0.34   | 710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470   | 1.142           mons           E           I.18           1.34           2.4           1.62           3.2           1.9           1.44           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94   | 1<br>2.3<br>0<br>0<br>0<br>0<br>0.82<br>0.4<br>0.22<br>0.4<br>0.46<br>0.46<br>0.46<br>0.46<br>0.46<br>0.46<br>0.38<br>0.38<br>0.52<br>0.48   
   | 0<br>EX<br>0.67<br>1.53<br>0<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29<br>0.31<br>0.53<br>0.25<br>0.35<br>0.35<br>0.32  |
| I         I           1         2           3         4           5         6           7         8           9         10           11         12           13         14           15         16           17         1  | Tabl           #   | e 5. R<br>0.96<br>0.96<br>0.96<br>0.94<br>0.93<br>0.97<br>0.81<br>0.98<br>0.98<br>0.98<br>0.93<br>0.88<br>0.76<br>0.77<br>0.93<br>0.73<br>0.88<br>0.9<br>0.85<br>0.9<br>0.85<br>0.9<br>0.85<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0 | 312           cesults o           and the second seco   
   | 11.0           E           0.57           1.05           1.71           1.01           2.72           0.63           1.36           2.71           0.65           4.7           1.08           2.18           1.41           2.23           1.95   | Image: system         System           52         96           160         88           224         61           79         88           260         50           432         80           203         137           162         170           186         186   
   | 0.69<br>1.28<br>2.13<br>0.69<br>1.28<br>2.13<br>1.17<br>2.99<br>0.81<br>1.05<br>1.17<br>3.47<br>0.67<br>5.76<br>1.07<br>2.71<br>1.83<br>2.16<br>2.27<br>2.48  
   | 23         2           omput         I           omput         III           III         IIII           IIII         IIII           IIII         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII   
   | 20 (<br>ted<br>14.1<br>0.3<br>0.6<br>0.9<br>0.6<br>2.0<br>0.3<br>1.0<br>1.5<br>1.3<br>0.5<br>2.7<br>1<br>1.2<br>0.6<br>0.4<br>2<br>0.9<br>0.9<br>0.5<br>1.2<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5  | 0.67           for ;           3           0.4           3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.1           0.3           0.1           0.2           0.3           0.1           0.2           0.2           0.1           0.2   | 0           ground           ground           64         2           002         3           16         0           16         0           333         1           12         0           4         1           12         0           44         1           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0   
       12         0           12         0           12         0           12         0           12         0           12         0           12         0           13         0           14         0           15         0           16         0           17         0           18         0           19 <th< td=""><td>113         1           14         2           53         2           53         2           53         2           77         1           4         2           77         1           77         4           4         2           33         2           773         4           4         33           4         2           33         2</td><td>260         ater qu         ate</td><td>1.04<br/><b>nality</b><br/><b>a</b><br/><b>a</b><br/><b>b</b><br/><b>a</b><br/><b>b</b><br/><b>b</b><br/><b>b</b><br/><b>b</b><br/><b>c</b><br/><b>b</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b></td><td>40           pan           pan      &lt;</td><td>0.36<br/>0.36<br/>0.71<br/>1.56<br/>0.49<br/>2.16<br/>2.02<br/>0.91<br/>2.73<br/>4.13<br/>0.64<br/>2.44<br/>0.13<br/>0.98<br/>5.16<br/>3.44<br/>5.4<br/>3.04</td><td>III           ers d           Image: state of the state of t</td><td>0.33<br/>0.33<br/>0.35<br/>0.48<br/>0.4<br/>0.43<br/>0.34<br/>0.40<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.41<br/>1.21<br/>0.28<br/>1.12<br/>0.58<br/>0.3<br/>0.7<br/>0.9<br/>0.34<br/>0.72</td><td>710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580</td><td>1.42           mons           E           1.18           1.34           2.4           1.62           3.2           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16</td><td>0<br/>0<br/>0<br/>0<br/>1<br/>2.3<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td><td>0<br/>0.67<br/>1.53<br/>0<br/>0<br/>0<br/>0<br/>0.55<br/>0.27<br/>0.15<br/>0.08<br/>0.29<br/>0.31<br/>0.53<br/>0.25<br/>0.31<br/>0.53<br/>0.25<br/>0.35<br/>0.32<br/>0.32<br/>0.09</td></th<>   | 113         1           14         2           53         2           53         2           53         2           77         1           4         2           77         1           77         4           4         2           33         2           773         4           4         33           4         2           33         2  
  | 260         ater qu         ate | 1.04<br><b>nality</b><br><b>a</b><br><b>a</b><br><b>b</b><br><b>a</b><br><b>b</b><br><b>b</b><br><b>b</b><br><b>b</b><br><b>c</b><br><b>b</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b>  
  | 40           pan           pan      <  | 0.36<br>0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.98<br>5.16<br>3.44<br>5.4<br>3.04   
   | III           ers d           Image: state of the state of t | 0.33<br>0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.40<br>0.43<br>0.34<br>0.43<br>0.34<br>0.43<br>0.34<br>0.41<br>1.21<br>0.28<br>1.12<br>0.58<br>0.3<br>0.7<br>0.9<br>0.34<br>0.72   | 710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580  | 1.42           mons           E           1.18           1.34           2.4           1.62           3.2           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16  | 0<br>0<br>0<br>0<br>1<br>2.3<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   
  | 0<br>0.67<br>1.53<br>0<br>0<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29<br>0.31<br>0.53<br>0.25<br>0.31<br>0.53<br>0.25<br>0.35<br>0.32<br>0.32<br>0.09   |
| Image: Non-Structure           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           10   | Tabl           #2.           8.2           7.2           8           7.92           8.21           6.92           8.35           7.32           7.9           7.45           6.48           6.56           7.9           6.24           7.51           7.66           7.2  | e 5. R<br>0.96<br>0.96<br>0.94<br>0.93<br>0.94<br>0.93<br>0.97<br>0.81<br>0.98<br>0.98<br>0.93<br>0.88<br>0.76<br>0.77<br>0.93<br>0.73<br>0.88<br>0.9<br>0.85<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.95<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93    | 312           Sesults o           Correl of the second secon  
  | 1.(1)<br><b>f NP</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b>   | Ja         Second           Vali         Vali           Vali         Second           52         96           160         88           224         61           79         88           260         50           432         80           203         137           162         170           186         60           60         04  
  | 0.69<br>1.28<br>2.13<br>1.05<br>1.17<br>2.99<br>0.81<br>1.05<br>1.17<br>3.47<br>0.67<br>5.76<br>1.07<br>2.71<br>1.83<br>2.16<br>2.27<br>2.48<br>0.8  
  | 23         2           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           10         18           28         20           62         9           31         46           40         17           81         30           36         20           12         60           29         11           60         29           11         62  
  | 20         0           tted         Idx           0.33         0.6           0.92         0.6           0.93         0.6           0.94         0.7           1.33         0.55           2.77         1           1.22         0.66           0.42         0.93           0.93         0.94           2.90         0.93   | 0.67           for ;           3           0.4           1.0           3           0.1           3           0.3           0.3           0.1           0.3           0.1           0.1           0.1           0.1           0.2           0.3           0.1           0.1           0.1           0.1           0.2           0.2           0.3           0.1           0.1           0.2           0.1           0.2           0.2           0.3           0.1           0.2           0.2           0.2           0.3           0.4           0.5           0.7           0.1           0.2   | 0           groun           groun           02         3           64         2         3           64         2         3         
 16         0         1           12         0         4         1           12         0         4         1           12         0         4         1           12         0         1         2         0           12         0         1         2         0           12         0         1         2         0           12         0         1         2         0           12         0         1         2         0           12         0         1         0         2           12         0         1         0         2           12         0         1         0         2         0           12         0         1         0         2         0         1           12         0         1         0         2         0         1         0         2         0         1         0         1 </td <td>113       1         14       2         553       2         553       2         553       2         773       2         773       2         33       2         33       2         33       2         33 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| OI         OI           1         2           3         4           5         6           7         8           9         10           11         12           13         14           15         16           17         18           19         20   | Tabl           #L           8.2           7.2           8           7.92           8.21           6.92           8.35           7.32           7.9           7.45           6.48           6.566           7.9           7.64           7.9           7.45           6.48           6.56           7.9           7.61           7.62           8.4           7.51           7.55   | e 5. R<br>0.96<br>0.96<br>0.94<br>0.93<br>0.94<br>0.93<br>0.93<br>0.93<br>0.88<br>0.76<br>0.77<br>0.93<br>0.73<br>0.73<br>0.73<br>0.73<br>0.88<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99   | 312           Sesults o           COP           June           170           314           514           302           815           190           325           409           813           195           1410           323           654           424           670           584           195           195           210   
   | 1.(1)<br><b>f NP</b><br><b>i</b><br><b>v</b><br><b>i</b><br><b>v</b><br><b>v</b><br><b>v</b><br><b>v</b><br><b>v</b><br><b>v</b><br><b>v</b><br><b>v</b>   | Image: product of the state of the   
  | 0.69<br>1.28<br>2.13<br>1.17<br>2.99<br>0.81<br>1.05<br>1.17<br>3.47<br>0.67<br>5.76<br>1.07<br>2.71<br>1.83<br>2.13<br>1.05<br>1.17<br>2.99<br>0.81<br>1.05<br>1.07<br>2.71<br>1.83<br>2.13<br>0.67<br>5.76<br>1.07<br>2.71<br>1.83<br>2.13<br>0.67<br>5.76<br>1.07<br>2.71<br>1.83<br>2.13<br>1.17<br>2.99<br>0.81<br>1.05<br>1.05<br>1.07<br>2.71<br>1.83<br>2.13<br>1.05<br>1.07<br>2.71<br>1.83<br>2.13<br>1.05<br>1.07<br>2.71<br>1.83<br>2.13<br>1.05<br>1.05<br>1.07<br>2.71<br>1.83<br>2.13<br>1.05<br>1.07<br>2.71<br>1.83<br>2.13<br>1.05<br>1.07<br>2.71<br>1.83<br>2.13<br>1.05<br>1.07<br>2.71<br>1.83<br>2.16<br>0.69<br>1.07<br>2.71<br>1.83<br>2.16<br>0.69<br>1.07<br>2.71<br>1.83<br>2.16<br>0.88<br>1.17<br>2.71<br>1.83<br>2.16<br>0.88<br>1.17<br>2.71<br>1.83<br>0.88<br>1.25<br>0.69<br>0.69<br>0.69<br>1.07<br>0.67<br>0.67<br>0.67<br>0.67<br>0.67<br>0.67<br>0.67<br>0.69<br>0.69<br>0.69<br>0.07<br>0.67<br>0.67<br>0.67<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0.69<br>0  
  | 23         23           computation         computation           Image: state         state           Image: state <td>20         0           tted         I           0.3         0.6           0.6         0.6           0.6         0.9           0.6         0.6           1.5         1.3           1.3         0.57           1         1.2           0.6         0.4           2.7         0.3           1.2         0.6           0.4         2           0.9         0.3           1.1         1.2           0.6         0.4           2.1         0.6           0.7         0.3</td> <td>3         0.67           3         0.6           1.0         3           3         0.6           3         0.7           0.3         0.7           3         0.4           3         0.4           3         0.4           3         0.4           0.3         0.4           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7</td> <td>0           groun           groun           groun           64         2           23         3           16         0           333         1           12         0           4         1           12         0           46         1           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           13         0           14         0           15         0           16         0           17          10</td> <td>113         1           14         2           993         4           553         3           11         1           14         2           33         2           773         2           773         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           4         5           33         4           4         5           33         1           4         5           4         5           5         3           4         5           5         3           4         5           5         5           6         1</td> <td>260           ater qu           320           51           5           10         0           200         0           400         320           510         2           230         0           230         0           230         0           200         0           90         0           90         0         2           510         2         2           532         2         4           420         1         30         0           512         2         1         0           512         2         1         0</td> <td>1.04<br/><b>iality</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>iz</b><br/><b>i</b><br/><b>i</b><br/><b>i</b><br/><b>i</b><br/><b>i</b><br/><b>i</b><br/><b>i</b><br/><b>i</b></td> <td>40         pan      
    pan         500           16         32           97         91           41         123           120         941           123         126           6         44           232         127           123         120           242         32</td> <td>0.36<br/>0.71<br/>1.56<br/>0.49<br/>2.16<br/>2.02<br/>0.91<br/>2.73<br/>4.13<br/>0.64<br/>2.44<br/>0.13<br/>0.98<br/>5.16<br/>3.44<br/>5.4<br/>3.04<br/>0.44<br/>5.38<br/>0.71</td> <td>IIId           ers d           John           John           Gers d           John           Gers d           John           Gers d           Gers d</td> <td>0.33<br/>0.33<br/>0.35<br/>0.48<br/>0.4<br/>0.43<br/>0.34<br/>0.4<br/>0.3<br/>0.41<br/>1.21<br/>0.28<br/>1.12<br/>0.58<br/>0.3<br/>0.7<br/>0.9<br/>0.34<br/>0.7<br/>0.9<br/>0.34<br/>0.7<br/>0.28<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3</td> <td>710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540</td> <td>1.42           mons           E           I.18           1.34           2.4           1.62           3.2           1.9           1.44           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           3.16           3.16           3.16           3.16           3.16</td> <td>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td> <td>0<br/>E<br/>0.67<br/>1.53<br/>0<br/>0<br/>0<br/>0.55<br/>0.27<br/>0.15<br/>0.08<br/>0.29<br/>0.31<br/>0.53<br/>0.25<br/>0.35<br/>0.32<br/>0.35<br/>0.32<br/>0.09<br/>0<br/>0<br/>0.44<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.3</td> | 20         0           tted         I           0.3         0.6           0.6         0.6           0.6         0.9           0.6         0.6           1.5         1.3           1.3         0.57           1         1.2           0.6         0.4           2.7         0.3           1.2         0.6           0.4         2           0.9         0.3           1.1         1.2           0.6         0.4           2.1         0.6           0.7         0.3   | 3         0.67           3         0.6           1.0         3           3         0.6           3         0.7           0.3         0.7           3         0.4           3         0.4           3         0.4           3         0.4           0.3         0.4           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7           0.7         0.7   | 0           groun           groun           groun           64         2           23         3           16         0           333         1           12         0           4         1           12         0           46         1           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           13         0           14         0           15         0           16         0           17          10   
   | 113         1           14         2           993         4           553         3           11         1           14         2           33         2           773         2           773         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           4         5           33         4           4         5           33         1           4         5           4         5           5         3           4         5           5         3           4         5           5         5           6         1  
   | 260           ater qu           320           51           5           10         0           200         0           400         320           510         2           230         0           230         0           230         0           200         0           90         0           90         0         2           510         2         2           532         2         4           420         1         30         0           512         2         1         0           512         2         1         0  | 1.04<br><b>iality</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>iz</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b><br><b>i</b>   
   | 40         pan           pan         500           16         32           97         91           41         123           120         941           123         126           6         44           232         127           123         120           242         32  |
0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.98<br>5.16<br>3.44<br>5.4<br>3.04<br>0.44<br>5.38<br>0.71   | IIId           ers d           John           John           Gers d           John           Gers d           John           Gers d  | 0.33<br>0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.4<br>0.3<br>0.41<br>1.21<br>0.28<br>1.12<br>0.58<br>0.3<br>0.7<br>0.9<br>0.34<br>0.7<br>0.9<br>0.34<br>0.7<br>0.28<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3  | 710         g post-         590         670         1200         810         1600         950         720         1110         2310         560  
      2590         920         1060         1800         2010         1470         1580         670         1730         540   | 1.42           mons           E           I.18           1.34           2.4           1.62           3.2           1.9           1.44           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           3.16           3.16           3.16           3.16           3.16  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   |
0<br>E<br>0.67<br>1.53<br>0<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29<br>0.31<br>0.53<br>0.25<br>0.35<br>0.32<br>0.35<br>0.32<br>0.09<br>0<br>0<br>0.44<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.3      |
| Ol         Ol           1         1           2         3           4         5           6         7           8         9           10         11           12         13           14         15           16         17           18         19           20         21  | Tabl           #2.           8.2           7.2           8           7.92           8.21           6.92           8.35           7.32           7.99           7.45           6.48           6.56           7.9           7.45           6.48           6.56           7.9           7.45           6.48           6.56           7.9           7.66           7.2           8.4           7.51           7.55           7.66  | e 5. R<br>0.96<br>0.96<br>0.94<br>0.93<br>0.97<br>0.81<br>0.98<br>0.98<br>0.98<br>0.98<br>0.93<br>0.81<br>0.98<br>0.93<br>0.93<br>0.93<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.73<br>0.88<br>0.99<br>0.88<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.94<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.99<br>0.93<br>0.99<br>0.93<br>0.99<br>0.93<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99   | Size           Cesults o           Cesults o           1011           170           314           514           302           815           190           325           409           813           195           1410           323           654           424           454           670           584           195           494           210           774  
   | 11.0           f NP           E           0.57           1.05           1.71           1.01           2.72           0.63           1.08           1.36           2.71           0.65           4.7           1.08           2.18           1.41           1.51           2.23           1.05           1.65           0.7           2.58  | Pa         State           Image: Construction of the state         52           96         160           160         88           224         61           61         79           88         260           50         432           80         203           1377         162           1700         186           60         94           46         254  
   | 12         11.           1105         C           1105         C           1105         C           1105         C           1105         C           1105         C           1107         C           1107      I1080   
  | 23         23           0         0           10         18           28         20           62         9           31         46           40         17           81         30           36         20           12         60           29         11           63         23           34         34   
  | 20         [0]           tted         Image: Construction of the construction o  | 3         0.67           3         0.6           3         0.2           3         0.3           3         0.3           3         0.3           3         0.4           3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           0         0.2 | 0           groun           groun           groun           64         2           02         3           88         2           16         0           33         1           12         0           44         1           122         0           122         0           122         0           122         0           122         0           122         0           122         0           122         0           122         0           122         0           122         0           122         0           123         0           124         0           125         0           120         0           120         0           121         0           122         0           120         0           120         0           121         0       
   122         0           131         0           141         0  | 113         1           14         2           533         2           533         2           533         2           773         2           773         2           773         2           333         2           333         2           333         2           333         2           667         1           333         2   
  | 260         ater qu         310         320         610         320         610         320         610         320         610         320         610         230         610         230         6230         6274         740         258         462         510         532         434         420         130       0         512       2         106       0         602       2   |
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   | 0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.64<br>2.44<br>0.13<br>0.98<br>5.16<br>3.44<br>5.4<br>3.04<br>0.44<br>5.38<br>0.71<br>5.22   | III           ers d           Image: state of the state of t | 0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.3<br>0.44<br>0.43<br>0.44<br>0.43<br>0.44<br>0.43<br>0.44<br>0.3<br>0.41<br>1.21<br>0.28<br>1.12<br>0.58<br>0.3<br>0.7<br>0.9<br>0.34<br>0.7<br>0.9<br>0.34<br>0.7<br>0.9<br>0.34<br>0.35<br>0.35<br>0.41<br>0.35<br>0.41<br>0.35<br>0.43<br>0.35<br>0.43<br>0.35<br>0.44<br>0.43<br>0.35<br>0.35<br>0.44<br>0.43<br>0.35<br>0.44<br>0.43<br>0.35<br>0.44<br>0.43<br>0.35<br>0.44<br>0.43<br>0.35<br>0.44<br>0.44<br>0.43<br>0.35<br>0.44<br>0.44<br>0.43<br>0.35<br>0.44<br>0.44<br>0.43<br>0.35<br>0.44<br>0.44<br>0.44<br>0.44<br>0.44<br>0.44<br>0.44<br>0.4  
   | 710 <b>post</b> -         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410  | 1.42           mons           E           I.18           1.34           2.4           1.62           3.2           1.9           1.44           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           1.34           3.46           1.08           4.82   | $\begin{array}{c c} 0 \\ \hline 0 \\ \hline 0 \\ \hline 0 \\ \hline 1 \\ \hline 2.3 \\ \hline 0 \\ \hline 0$ | 0<br>EX<br>0.67<br>1.53<br>0<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29<br>0.31<br>0.53<br>0.25<br>0.31<br>0.53<br>0.25<br>0.32<br>0.35<br>0.32<br>0.35<br>0.32<br>0.35<br>0.32<br>0.35<br>0.32<br>0.35<br>0.32<br>0.35<br>0.32<br>0.35<br>0.32<br>0.35<br>0.32<br>0.35<br>0.32<br>0.31<br>0.31<br>0.55<br>0.32<br>0.35<br>0.32<br>0.31<br>0.31<br>0.33<br>0.32<br>0.33<br>0.32<br>0.33<br>0.32<br>0.35<br>0.32<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0         |
| OI         OI           1         2           3         4           5         6           7         8           9         10           11         12           13         14           15         16           17         18           19         20           21         22   | Tabl           #L           8.2           7.2           8           7.92           8.21           6.92           8.35           7.32           7.9           7.45           6.48           6.56           7.9           6.24           7.51           7.66           8.2           7.66           8.2  | e         5. R           0.96         0.85           0.94         0.93           0.97         0.81           0.98         0.93           0.76         0.73           0.73         0.88           0.99         0.85           0.99         0.85   | Size         Size           Cesults o         0           101         101           170         314           514         302           815         190           325         409           813         195           1410         323           654         424           454         670           584         195           494         210           774         116  
   | 11.0           E           0.57           1.05           1.71           1.01           2.72           0.63           1.08           1.36           2.71           0.65           4.7           1.08           2.18           1.41           1.51           2.23           1.65           0.7           2.58           0.39   | Part         State           Image: Construction of the state         State  
   | 0.69           1.28           0.69           1.28           2.13           1.17           2.99           0.81           1.05           1.17           3.47           0.67           5.76           1.07           2.16           2.271           1.83           2.16           2.39           0.61           3.39           0.53  
   | 23         2           0         10           18         28           20         62           9         31           46         40           17         81           30         36           20         62           9         31           46         40           17         81           30         36           20         12           60         29           11         63           23         34           4         4   
   | 20         0           tted         IAN           0.33         0.6           0.99         0.66           2.00         0.33           1.05         2.7           1.33         0.55           2.7         1           1.2         0.66           0.99         0.33           0.4         2           0.99         0.33           2.1         0.77           1.13         0.13   
  | 0.67           for ;           3           0.6           3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.4           0.5           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.4   | 0           groun           groun           groun           64         2           23         3           64         2           10         0           33         1           12         0           4         1           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           13         0           14         0           15         0           16         0           17         0           18         0  | 113         1           14         2           53         2           53         2           77         1           44         2           77         2           773         2           773         2           773         2           44         2           33         4           23         2           667         1           33         2           227         2   
   | 260         ater qu         320         50         600         320         510         2148         600         6200         6400         320         510         2148         6230         6274         600         6165         4258         4420         130         6512         106         6902         70  | 1.04 <b>iality iality i</b>   
   | 40           pan           junction   
   | 0 0.89<br>• amet<br>• amet<br>0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.64<br>2.44<br>0.13<br>0.98<br>5.16<br>3.44<br>5.4<br>3.04<br>0.44<br>5.38<br>0.71<br>5.22<br>0.76   | III           ers d           66           70           96           80           86           67           60           82           242           55           223           116           60           140           180           68           144           55           192           36           208           50   | 0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.44<br>0.43<br>0.34<br>0.44<br>0.43<br>0.34<br>0.41<br>1.21<br>0.28<br>1.12<br>0.58<br>0.3<br>0.7<br>0.9<br>0.34<br>0.72<br>0.28<br>0.3<br>0.35<br>0.41<br>1.21<br>0.28<br>1.12<br>0.28<br>1.12<br>0.28<br>0.34<br>0.32<br>0.35   
  | 710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         410  | 1.42           mons           E           I.18           1.34           2.4           1.62           3.2           1.9           1.44           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           1.34           3.46           1.08           4.82           0.82  | 1<br>2.3<br>0<br>1<br>2.3<br>0<br>0<br>0<br>0.82<br>0.4<br>0.22<br>0.4<br>0.46<br>0.46<br>0.46<br>0.46<br>0.46<br>0.46<br>0.46<br>0.46<br>0.48<br>0.52<br>0.48<br>0.52<br>0.48<br>0.52<br>0.48<br>0.52<br>0.48<br>0.52<br>0.48<br>0.52<br>0.52<br>0.55<br>0<br>0.55<br>0<br>0.55<br>0<br>0.55<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   
   | 0<br>0.67<br>1.53<br>0<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29<br>0.31<br>0.31<br>0.53<br>0.25<br>0.35<br>0.32<br>0.09<br>0<br>0.44<br>0.35<br>0.17<br>0  |
| Image: Constraint of the second sec                        | Tabl         #2.         8.2         7.2         8         7.92         8.21         6.92         8.35         7.32         7.9         7.45         6.48         6.56         7.9         6.24         7.51         7.66         8.2         8.4         7.55         7.66         8.2         8         6.5  | e 5. R<br>0.96<br>0.96<br>0.94<br>0.93<br>0.94<br>0.93<br>0.97<br>0.81<br>0.98<br>0.98<br>0.98<br>0.93<br>0.88<br>0.76<br>0.77<br>0.93<br>0.73<br>0.88<br>0.9<br>0.93<br>0.73<br>0.88<br>0.9<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.99<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95     | 312           Sesuits o           Correction           170           314           514           302           815           190           325           409           813           195           1410           323           654           424           454           670           584           195           494           210           774           116           224   
   | 1.1.1<br>f NP<br>5.2<br>0.57<br>1.05<br>1.71<br>1.01<br>2.72<br>0.63<br>1.08<br>1.36<br>2.71<br>0.65<br>4.7<br>1.08<br>2.18<br>1.41<br>1.51<br>2.23<br>1.95<br>0.65<br>1.65<br>0.7<br>2.58<br>0.39<br>0.75<br>1.65<br>0.7<br>2.58<br>0.39<br>0.75<br>1.65<br>0.7<br>1.05<br>1.65<br>0.7<br>1.05<br>1.65<br>0.7<br>1.05<br>1.65<br>0.7<br>1.05<br>1.65<br>0.7<br>1.05<br>1.65<br>0.7<br>1.05<br>1.65<br>0.7<br>1.05<br>1.65<br>1.71<br>1.08<br>1.36<br>1.08<br>1.36<br>1.08<br>1.36<br>1.08<br>1.36<br>1.08<br>1.36<br>1.08<br>1.36<br>1.08<br>1.36<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>1.08<br>1.16<br>0.65<br>1.65<br>0.7<br>1.05<br>1.65<br>0.7<br>1.05<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.08<br>1.65<br>0.7<br>1.58<br>1.65<br>0.7<br>1.58<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.65<br>1.6 | Ja         Second           Vali         Vali           Vali         Second           52         96           160         88           224         61           79         88           260         50           432         80           203         1377           162         170           186         60           94         46           254         40           60         294  
   | 0.69         1.28           0.69         1.28           1.17         2.99           0.81         1.05           1.17         3.47           0.67         5.76           1.07         2.71           1.83         2.16           2.271         1.83           1.16         2.27           2.48         0.8           1.25         0.61           3.39         0.53           0.83         0.83   
   | 23         2           0         10           10         18           28         20           62         9           31         46           40         17           81         30           36         20           12         60           29         11           63         23           34         4           18         18   
   | 20         0           tted         Id.X           0.33         0.66           0.99         0.66           2.07         1           1.53         0.57           2.77         1           1.22         0.66           0.42         0.99           0.33         2.11           0.77         1.11           0.71         1.12   | 0.67           for ;           3           0.1           3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.1           0.3           0.1           0.3           0.1           0.1           0.1           0.1           0.1           0.2           0.3           0.1           0.1           0.1           0.1           0.1           0.1           0.2           0.3           0.4           0.5           0.7           0.1           0.1           0.1           0.2           0.3           0.4           0.5           0.7           0.1           0.1           0.2           0.3           0.1           0.2           0.3      <  | 0           groun   
   | 113         1           14         2           53         2           53         2           53         2           77         1           4         2           77         1           4         2           773         2           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         4           33         1           33         2           27         7           33         2           33         2           33         1           33         2           27         7           32         2  
   | 260         ater qu         ate | 1.04<br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b><br><b>iality</b>  
   | 40           pai           pai      <  | 0.36<br>0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.98<br>5.16<br>3.44<br>5.4<br>3.04<br>0.44<br>5.38<br>0.71<br>5.22<br>0.76<br>0.67  
  | III           ers d           66           70           96           80           86           67           60           82           242           55           223           116           60           140           180           68           144           55           192           36           208           50           40           22   | 0.33<br>0.33<br>0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.43<br>0.34<br>0.43<br>0.34<br>0.43<br>0.34<br>0.34<br>0.34<br>0.32<br>0.34<br>0.32<br>0.36<br>0.37<br>0.9<br>0.34<br>0.32<br>0.32<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.34<br>0.32<br>0.34<br>0.34<br>0.32<br>0.34<br>0.34<br>0.32<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.35<br>0.48<br>0.34<br>0.34<br>0.32<br>0.35<br>0.48<br>0.34<br>0.34<br>0.32<br>0.35<br>0.37<br>0.39<br>0.34<br>0.34<br>0.32<br>0.32<br>0.32<br>0.32<br>0.34<br>0.32<br>0.32<br>0.34<br>0.32<br>0.32<br>0.34<br>0.34<br>0.32<br>0.32<br>0.34<br>0.32<br>0.34<br>0.34<br>0.32<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.32<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.34<br>0.32<br>0.34<br>0.34<br>0.32<br>0.34<br>0.32<br>0.32<br>0.34<br>0.32<br>0.32<br>0.34<br>0.32<br>0.32<br>0.34<br>0.32<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0. | 710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920        
1060         1800         2010         1470         1580         670         1730         540         2410         410         530  | 1.42           mons           E           I.18           1.34           2.4           1.62           3.2           1.12           5.18           1.84           2.22           4.62           3.6           4.02           2.94           3.16           1.34           3.46           1.08           4.82           0.82           2.901  | 1<br>2.3<br>0<br>1<br>2.3<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 0<br>0.67<br>1.53<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   
  |
| Image: Constraint of the second sec                        | Tabl           #L           8.2           7.2           8           7.92           8.21           6.92           8.35           7.32           7.9           7.45           6.48           6.56           7.9           6.24           7.51           7.66           7.2           8.4           7.51           7.66           8.2           8           6.5           7.3   | e 5. R<br>0.96<br>0.96<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.94<br>0.93<br>0.93<br>0.98<br>0.93<br>0.76<br>0.77<br>0.93<br>0.73<br>0.88<br>0.9<br>0.88<br>0.9<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.93<br>0.97<br>0.93<br>0.93<br>0.97<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.99<br>0.93<br>0.99<br>0.93<br>0.94<br>0.94<br>0.95<br>0.95<br>0.99<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95     | 312           Sesults o           Image: Correct of the state of the stat   
   | 1.(1)<br><b>f NP</b><br><b>i</b><br><b>k</b><br>0.57<br>1.05<br>1.71<br>1.01<br>2.72<br>0.63<br>1.08<br>1.36<br>2.71<br>0.65<br>4.7<br>1.08<br>2.18<br>1.41<br>1.51<br>2.23<br>1.05<br>0.65<br>0.7<br>2.58<br>0.39<br>0.75<br>4.13<br>1.77   | Ja         Second           Vali         Vali           Vali         Second           52         96           160         88           224         61           79         88           260         50           50         432           80         203           137         162           170         186           60         94           46         60           2866         60           2866         140  
   | 12         11.           128         C           0.69         1.28           2.13         1.17           2.99         0.81           1.05         1.17           3.47         0.67           5.76         1.07           2.71         1.83           2.16         2.27           2.48         0.8           1.25         0.61           3.39         0.53           0.8         3.81           1.87         1.87  
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   | 20         0           tted         Iax           0.33         0.6           0.99         0.6           2.00         0.6           0.31         0.6           0.33         0.6           0.34         0.7           0.33         2.1           0.66         0.4           2         0.9           0.33         2.1           0.7         1.1           0.10         0.6           4.22         1.1   | 0.67           for ;           3           0.1           3           0.2           1.0           3           0.1           3           0.3           0.1           0.3           0.3           0.1           0.1           0.1           0.1           0.2           0.2           0.1           0.1           0.1           0.2           0.2           0.2           0.2           0.2           0.2           0.2           0.2           0.2           0.2           0.2           0.2           0.2           0.2           0.3           0.2           0.3           0.3           0.4           0.5           0.5           0.5           0.5           0.5           0.5           0.6           0.7           0.7      0  | 0           groun           groun           groun           groun           del         2           del         2           del         10           del         112         0           del         112         0           del         1         12         0           del         1         1         12         0           del         1         1         0         1         0           del         1         0         0         0         0           del         0         0         0         0         0         0           del         1         0  
   | 113         1           14         2           553         2           553         2           553         2           73         2           773         2           733         2           333 <t< td=""><td>260         ater qu         ater qu         5         5         5         5         6         6         6         740         274         740         274         740         258         462         510         258         462         510         2532         130         0512         200         0         002         270         4200         1300         0512         2002         2000         1066         490</td><td>1.04           <b>iality iality i</b></td><td>40           pai           pai     
&lt;</td><td>0.36<br/>0.36<br/>0.71<br/>1.56<br/>0.49<br/>2.16<br/>2.02<br/>0.91<br/>2.73<br/>4.13<br/>0.64<br/>2.44<br/>0.13<br/>0.98<br/>5.16<br/>3.44<br/>5.4<br/>3.04<br/>0.49<br/>5.4<br/>3.44<br/>5.4<br/>0.49<br/>5.4<br/>0.49<br/>0.71<br/>5.22<br/>0.76<br/>0.67<br/>2.71<br/>0.71<br/>0.71<br/>0.71<br/>0.73<br/>0.64<br/>0.74<br/>0.75<br/>0.75<br/>0.75<br/>0.76<br/>0.71<br/>0.71<br/>0.71<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75<br/>0.75</td><td>111           ers d           66           70           96           80           86           67           60           82           2242           55           223           116           60           140           180           68           144           55           208           50           40           22           130</td><td>0.33<br/>0.33<br/>0.35<br/>0.48<br/>0.4<br/>0.43<br/>0.34<br/>0.4<br/>0.3<br/>0.44<br/>0.3<br/>0.34<br/>0.3<br/>0.41<br/>1.21<br/>0.28<br/>1.12<br/>0.58<br/>0.3<br/>0.7<br/>0.9<br/>0.34<br/>0.7<br/>0.9<br/>0.34<br/>0.7<br/>0.9<br/>0.34<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3<br/>0.3</td><td>710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         530         1940</td><td>1.42           mons           E           In           In</td><td>1<br/>2.3<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td><td>0<br/>EZ<br/>0.67<br/>1.53<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td></t<>   | 260         ater qu         ater qu         5         5         5         5         6         6         6         740         274         740         274         740         258         462         510         258         462         510         2532         130         0512         200         0         002         270         4200         1300         0512         2002         2000         1066         490   | 1.04 <b>iality iality i</b>   
   | 40           pai           pai      <  |
0.36<br>0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.98<br>5.16<br>3.44<br>5.4<br>3.04<br>0.49<br>5.4<br>3.44<br>5.4<br>0.49<br>5.4<br>0.49<br>0.71<br>5.22<br>0.76<br>0.67<br>2.71<br>0.71<br>0.71<br>0.71<br>0.73<br>0.64<br>0.74<br>0.75<br>0.75<br>0.75<br>0.76<br>0.71<br>0.71<br>0.71<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75<br>0.75  | 111           ers d           66           70           96           80           86           67           60           82           2242           55           223           116           60           140           180           68           144           55           208           50           40           22           130   | 0.33<br>0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.4<br>0.3<br>0.44<br>0.3<br>0.34<br>0.3<br>0.41<br>1.21<br>0.28<br>1.12<br>0.58<br>0.3<br>0.7<br>0.9<br>0.34<br>0.7<br>0.9<br>0.34<br>0.7<br>0.9<br>0.34<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3   
   | 710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         530         1940   | 1.42           mons           E           In   | 1<br>2.3<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  | 0<br>EZ<br>0.67<br>1.53<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   
  |
| Image: Constraint of the second sec                        | Tabl           #L           8.2           7.2           8           7.92           8.21           6.92           8.35           7.32           7.9           7.45           6.486           6.79           6.24           7.51           7.66           7.2           8.4           7.55           7.66           8.2           8           6.5           7.3           6.88   | e 5. R<br>0.96<br>0.96<br>0.96<br>0.94<br>0.93<br>0.97<br>0.81<br>0.98<br>0.93<br>0.98<br>0.93<br>0.93<br>0.93<br>0.93<br>0.76<br>0.77<br>0.93<br>0.76<br>0.73<br>0.88<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.99<br>0.85<br>0.93<br>0.93<br>0.76<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.76<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.77<br>0.93<br>0.76<br>0.79<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.88<br>0.99<br>0.98<br>0.99<br>0.98<br>0.99<br>0.88<br>0.99<br>0.98<br>0.99<br>0.98<br>0.99<br>0.98<br>0.99<br>0.98<br>0.99<br>0.99<br>0.99<br>0.98<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.96<br>0.94<br>0.99<br>0.99<br>0.96<br>0.94<br>0.94<br>0.94<br>0.99<br>0.96<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.94<br>0.94<br>0.85<br>0.85<br>0.85<br>0.85<br>0.94<br>0.85<br>0.85<br>0.85<br>0.85<br>0.94<br>0.85<br>0.85<br>0.94<br>0.85<br>0.85<br>0.85<br>0.94<br>0.85<br>0.85<br>0.85<br>0.94<br>0.85<br>0.94<br>0.85<br>0.94<br>0.85<br>0.85<br>0.85<br>0.94<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.94<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85   | 312           Sesults o           Openation           170           314           514           302           815           190           325           409           813           195           1410           323           654           424           670           584           195           494           210           774           116           224           530           354  
   | 1.1.1<br><b>f NP</b><br><b>i</b><br><b>v</b><br><b>i</b><br><b>v</b><br><b>v</b><br><b>v</b><br><b>v</b><br><b>v</b><br><b>v</b><br><b>v</b><br><b>v</b>   | Ja         State           Vali         Vali           Vali         State           52         96           160         88           224         61           61         79           88         260           50         432           80         203           1377         162           160         86           94         46           254         40           60         286           140         107   
   | 12         11.           128         C           1         105           1         1.17           2.99         0.81           1.05         1.17           3.47         0.67           5.76         1.07           1.03         2.71           1.83         2.16           2.271         2.48           0.61         3.39           0.63         0.63           0.88         3.81           1.87         1.43  
   | 23         2           0         0           10         18           28         20           62         9           31         46           40         17           81         30           36         20           12         60           29         11           63         23           34         4           18         128           44         23   
   | 20 (<br>ted<br>0.3<br>0.6<br>0.9<br>0.6<br>0.9<br>0.6<br>2.0<br>0.3<br>1.0<br>1.5<br>1.3<br>0.5<br>2.7<br>1<br>1.2<br>0.6<br>0.4<br>2<br>0.9<br>0.3<br>1.0<br>1.5<br>1.3<br>0.5<br>2.7<br>1<br>1.2<br>0.6<br>0.4<br>2.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>0.7<br>1.1<br>1.3<br>1.3<br>1.3<br>1.3<br>1.3<br>1.3<br>1.3   | 3         0.67           3         0.6           3         0.2           3         0.3           7         0.7           0.3         0.2           3         0.2           3         0.2           3         0.2           3         0.2           7         0.2           3         0.2           7         0.7           0.7         0.2           7         0.2           7         0.2           7         0.2           7         0.2           3         0.2           7         0.2           7         0.2           7         0.2           3         0.2           3         0.2           3         0.2           3         0.2           7         0.2           7         0.2           7         0.2           7         0.2           7         0.2           7         0.2                     | 0           groun           groun           groun           groun           64         2           33         1           12         0           4         1           12         0           4         1       
   12         0           4         1           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           13         0           14         1           08         0           022         0  | Image: 0         Image: 0           Image: 0 <thimage: 0<="" th=""> <thimage: 0<="" th=""> <thimage< td=""><td>260         ater qu         ater qu         iii         iii         iii         iii         iii         iii         iii         iiii         iiii         iiiii         iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii</td><td>1.04<br/><b>nality</b><br/><b>a</b><br/><b>a</b><br/><b>b</b><br/><b>a</b><br/><b>b</b><br/><b>a</b><br/><b>b</b><br/><b>a</b><br/><b>b</b><br/><b>a</b><br/><b>b</b><br/><b>b</b><br/><b>b</b><br/><b>b</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b><br/><b>c</b></td><td>40           par           juint           juint</td><td>0 0.89<br/>0
0.36<br/>0.71<br/>1.56<br/>0.49<br/>2.16<br/>2.02<br/>0.91<br/>2.73<br/>4.13<br/>0.64<br/>2.44<br/>0.13<br/>0.98<br/>5.16<br/>3.44<br/>5.4<br/>3.04<br/>0.44<br/>5.38<br/>0.71<br/>5.22<br/>0.76<br/>0.67<br/>2.71<br/>0.71<br/>3.38</td><td>III           ers d           Image: Constraint of the second secon</td><td>0.33<br/>0.33<br/>0.35<br/>0.48<br/>0.4<br/>0.43<br/>0.34<br/>0.40<br/>0.34<br/>0.34<br/>0.34<br/>0.34</td><td>710         <b>post</b>-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         410         530         1940         1200</td><td>1.42           mons           E           1.18           1.34           2.4           1.62           3.2           1.9           1.44           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.46           1.08           4.82           1.06           3.88           2.4           2.1</td><td>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td><td>0<br/>E<br/>0.67<br/>1.53<br/>0<br/>0<br/>0.55<br/>0.27<br/>0.15<br/>0.08<br/>0.29<br/>0.31<br/>0.53<br/>0.25<br/>0.32<br/>0.09<br/>0<br/>0.44<br/>0.35<br/>0.32<br/>0.09<br/>0<br/>0.44<br/>0.35<br/>0.17<br/>0<br/>0<br/>0<br/>0.09<br/>0<br/>0.44<br/>0.35<br/>0.17<br/>0<br/>0<br/>0<br/>0.09<br/>0<br/>0.44<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td></thimage<></thimage:></thimage:>   | 260         ater qu         ater qu         iii         iii         iii         iii         iii         iii         iii         iiii         iiii         iiiii         iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii  | 1.04<br><b>nality</b><br><b>a</b><br><b>a</b><br><b>b</b><br><b>a</b><br><b>b</b><br><b>a</b><br><b>b</b><br><b>a</b><br><b>b</b><br><b>a</b><br><b>b</b><br><b>b</b><br><b>b</b><br><b>b</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b><br><b>c</b>   
   | 40           par           juint   | 0 0.89<br>0 0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.98<br>5.16<br>3.44<br>5.4<br>3.04<br>0.44<br>5.38<br>0.71<br>5.22<br>0.76<br>0.67<br>2.71<br>0.71<br>3.38  
  | III           ers d           Image: Constraint of the second secon | 0.33<br>0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.40<br>0.34<br>0.34<br>0.34<br>0.34  | 710 <b>post</b> -         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         410         530         1940         1200   
  | 1.42           mons           E           1.18           1.34           2.4           1.62           3.2           1.9           1.44           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.46           1.08           4.82           1.06           3.88           2.4           2.1   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 0<br>E<br>0.67<br>1.53<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29<br>0.31<br>0.53<br>0.25<br>0.32<br>0.09<br>0<br>0.44<br>0.35<br>0.32<br>0.09<br>0<br>0.44<br>0.35<br>0.17<br>0<br>0<br>0<br>0.09<br>0<br>0.44<br>0.35<br>0.17<br>0<br>0<br>0<br>0.09<br>0<br>0.44<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   |
| Image: Constraint of the second sec                        | Tabl           #2.           8.2           7.2           8           7.92           8.21           6.92           8.35           7.32           7.9           7.45           6.48           6.56           7.9           7.45           6.48           6.51           7.66           8.2           8.4           7.51           7.66           8.2           8.4           7.51           7.66           8.2           8.35           7.36           6.55           7.3           6.88           6.1 | e 5. R<br>0.96<br>0.96<br>0.94<br>0.93<br>0.94<br>0.93<br>0.97<br>0.81<br>0.98<br>0.98<br>0.98<br>0.98<br>0.93<br>0.98<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.99<br>0.93<br>0.99<br>0.93<br>0.99<br>0.93<br>0.99<br>0.93<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92<br>0.92   | Size           Cost   
   | 11.0           E           0.57           1.05           1.71           1.01           2.72           0.63           1.08           1.36           2.71           0.65           1.71           1.08           1.36           2.71           0.65           4.7           1.08           2.18           1.41           1.51           2.23           1.65           0.7           2.58           0.39           0.75           4.13           1.77           1.18           2.07   | Image: provide state stat  | 12         11.           1105         C           0.669         1.28           0.128         2.13           1.17         2.99           0.81         1.05           1.17         3.47           0.67         5.76   
       1.07         2.71           1.83         2.16           2.271         2.48           0.83         1.25           0.61         3.39           0.53         0.8           3.81         1.87           1.43         2.13   
   | 23         23           20         20           0         10           18         28           20         62           9         31           46         40           17         81           30         36           20         12           60         29           11         63           23         34           4         18           128         23           34         44           128         44           54         54  
   | 20         [0]           tted         IIII           0.33         0.6           0.99         0.66           0.91         0.57           1.33         0.57           1.33         0.57           1.33         0.57           1.33         0.57           1.33         0.57           1.41         0.66           0.99         0.66           0.42         0.97           1.13         0.66           4.22         1.44           0.77         1.88  | 0.67           for ;           3           0.1           3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.4           0.5           0.5           0.1           0.1           0.2           0.3           0.1   | 0           groun   
   | 113         1           14         2           53         2           53         2           11         1           4         2           53         2           77         1           33         2           773         2           773         2           677         1           333         2           677         1           333         2           277         2           333         2           277         2           333         2           277         2           333         2           997         2  
   | 260         ater qu         iii         iii         iii         iii         iii         iii         iii         iii         iiii         iiii         iiiii         iiiiiiiii         iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii  | 1.04 <b>iality iality iality</b> <t< td=""><td>40           pai           juint           juint</td><td>0 0.89<br/>0 0.36<br/>0.71<br/>1.56<br/>0.49<br/>2.16<br/>2.02<br/>0.91<br/>2.73<br/>4.13<br/>0.64<br/>2.44<br/>0.13<br/>0.64<br/>2.44<br/>0.13<br/>0.64<br/>3.44<br/>5.16<br/>3.44<br/>5.16<br/>3.44<br/>5.4<br/>3.04<br/>0.44<br/>5.38<br/>0.71<br/>5.22<br/>0.76<br/>0.67<br/>2.71<br/>3.38<br/>0.84</td><td>III           ers d           66           70           96           80           86           67           60           82           2242           55           223           116           60           140           180           68           144           55           192           36           208           50           40           22           130           155           108</td><td>0.38<br/>0.33<br/>0.35<br/>0.48<br/>0.4<br/>0.43<br/>0.44<br/>0.43<br/>0.34<br/>0.44<br/>0.43<br/>0.34<br/>0.44<br/>0.33<br/>0.41<br/>1.21<br/>0.28<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.35<br/>0.48<br/>0.43<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.35<br/>0.48<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.35<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.34<br/>0.35<br/>0.35<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.37<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.37<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.36<br/>0.57<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0.58<br/>0</td><td>710         <b>post</b>-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         410         530         1940         1200         1050         1370</td><td>1.42           mons           E           I.18           1.34           2.4           1.62           3.2           1.9           1.44           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           1.34           3.46           1.08           4.82           0.82           1.06           3.88           2.4           2.1           2.74</td><td>0           i           1           2.3           0           0           0           0           0           0           0           0           0           0           0           0           0.82           0.44           0.46           0.48           0.38           0.52           0.48           0.38           0.52           0.46           0.52           0.14           0           0.66           0.52           0           0           0.14          
1.3</td><td>0<br/>EX<br/>0.67<br/>1.53<br/>0<br/>0<br/>0<br/>0.55<br/>0.27<br/>0.15<br/>0.08<br/>0.29<br/>0.31<br/>0.31<br/>0.53<br/>0.25<br/>0.35<br/>0.32<br/>0.35<br/>0.32<br/>0.09<br/>0<br/>0.44<br/>0.35<br/>0.17<br/>0<br/>0<br/>0<br/>0.09<br/>0<br/>0.44<br/>0.35<br/>0.17<br/>0<br/>0<br/>0<br/>0.25<br/>0.35<br/>0.32<br/>0.09<br/>0<br/>0.31<br/>0.33<br/>0.25<br/>0.35<br/>0.32<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35</td></t<> | 40           pai           juint   | 0 0.89<br>0 0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.64<br>2.44<br>0.13<br>0.64<br>3.44<br>5.16<br>3.44<br>5.16<br>3.44<br>5.4<br>3.04<br>0.44<br>5.38<br>0.71<br>5.22<br>0.76<br>0.67<br>2.71<br>3.38<br>0.84  
  | III           ers d           66           70           96           80           86           67           60           82           2242           55           223           116           60           140           180           68           144           55           192           36           208           50           40           22           130           155           108  | 0.38<br>0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.44<br>0.43<br>0.34<br>0.44<br>0.43<br>0.34<br>0.44<br>0.33<br>0.41<br>1.21<br>0.28<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.35<br>0.48<br>0.43<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.35<br>0.48<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.35<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.34<br>0.35<br>0.35<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.37<br>0.36<br>0.36<br>0.36<br>0.36<br>0.37<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.36<br>0.57<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0.58<br>0 | 710 <b>post</b> -         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         410         530         1940         1200         1050         1370   
  | 1.42           mons           E           I.18           1.34           2.4           1.62           3.2           1.9           1.44           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           1.34           3.46           1.08           4.82           0.82           1.06           3.88           2.4           2.1           2.74   | 0           i           1           2.3           0           0           0           0           0           0           0           0           0           0           0           0           0.82           0.44           0.46           0.48           0.38           0.52           0.48           0.38           0.52           0.46           0.52           0.14           0           0.66           0.52           0           0           0.14           1.3   | 0<br>EX<br>0.67<br>1.53<br>0<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29<br>0.31<br>0.31<br>0.53<br>0.25<br>0.35<br>0.32<br>0.35<br>0.32<br>0.09<br>0<br>0.44<br>0.35<br>0.17<br>0<br>0<br>0<br>0.09<br>0<br>0.44<br>0.35<br>0.17<br>0<br>0<br>0<br>0.25<br>0.35<br>0.32<br>0.09<br>0<br>0.31<br>0.33<br>0.25<br>0.35<br>0.32<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35 |
| Image: Constraint of the second sec                        | Tabl           #   | e 5. R<br>0.96<br>0.96<br>0.96<br>0.94<br>0.93<br>0.94<br>0.93<br>0.97<br>0.81<br>0.98<br>0.93<br>0.98<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.94<br>0.96<br>0.99<br>0.99<br>0.96<br>0.94<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.94<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.94<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.99<br>0.96<br>0.94<br>0.96<br>0.94<br>0.96<br>0.94<br>0.96<br>0.96<br>0.96<br>0.96<br>0.96<br>0.97<br>0.93<br>0.96<br>0.99<br>0.96<br>0.96<br>0.94<br>0.76<br>0.88<br>0.97<br>0.93<br>0.96<br>0.94<br>0.72<br>0.93<br>0.72<br>0.93<br>0.72<br>0.93<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95<br>0.95   | Size           Construction           170           314           514           302           815           190           325           409           813           195           1410           323           654           424           454           670           584           195           494           210           774           116           224           1240           530           354           622           240   
   | 11.0           E           0.57           1.05           1.05           1.01           2.72           0.63           1.08           1.36           2.71           0.65           4.7           1.08           1.41           1.51           2.23           1.65           0.7           2.58           0.39           0.75           4.13           1.77           1.18           2.07           0.8           0.7   | Ja         Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>S   
   | 12         11.           128         C           128         C           128         C           128         C           129         C           0.669         C           1.28         C           1.17         C           3.47         C           0.67         C           5.76         C           1.07         C           2.16         C           2.271         C           1.83         C           2.16         C           0.8         C           1.25         C           0.61         C           3.39         C           0.53         C           0.8         C           3.81         C           1.43         C           2.13         C           1.01         C         C   
   | 23         2           0         10           10         18           28         20           62         9           31         46           40         17           81         30           36         20           12         60           29         11           63         23           34         4           18         128           44         21           54         12           54         12  
   | 20         0           tted         IAN           0.33         0.6           0.99         0.66           0.91         0.57           1.33         0.57           2.77         1           1.22         0.66           0.99         0.66           0.42         0.99           0.33         2.1           0.77         1.11           0.66         4.22           1.42         0.77           1.18         0.64           0.71         1.88           0.42         0.77   | 0.67           for ;           3           0.1           3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.4           0.5           0.7           0.7           0.7           0.7           0.7           0.3           0.3           0.4           0.7           0.3           0.4           0.7           0.3           0.4           0.5           0.7           0.4           0.5           0.7           0.2           0.2           0.2   | 0           groun           groun           groun           64         2           202         3           88         2           16         0           033         1           12         0           4       
 1           022         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           12         0           10         0           20         0           0         0           1         0           0         0           1         0           1         0           1         0           1         0           1         0           1   | 10         ndws         A2         113         14         23         53         53         53         4         53         53         44         53         53         77         11         14         33         4         53         773         4         53         667         133         27         33         27         33         27         33         27         33         1         27         33         27         33         27         33         27         33         1         27         33         1         1         1         1         1          1          1          1   
   | 260         ater qu         ater qu         50         110         0200         400         320         510         2148         0201         148         0200         148         0200         148         0200         1165         258         462         510         258         4420         130         602         200         106         902         200         1060         490         224         180         180   | 1.04<br><b>iality</b><br><b>iality</b><br><b>i</b> 2<br><b>i</b> 2  
   | 40           pat           juint   | 0 0.89<br>0 0.89<br>• amet<br>0 0.36<br>0.71<br>1.56<br>0.49<br>2.16<br>2.02<br>0.91<br>2.73<br>4.13<br>0.64<br>2.44<br>0.13<br>0.64<br>2.44<br>0.13<br>0.64<br>2.44<br>0.13<br>0.64<br>3.44<br>5.16<br>3.44<br>5.16<br>3.44<br>5.4<br>3.04<br>0.44<br>5.38<br>0.71<br>5.22<br>0.76<br>0.67<br>2.71<br>0.71<br>3.38<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.85<br>0.84<br>0.84<br>0.84<br>0.84<br>0.84<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85<br>0.85  
  | III           ers d           66           70           96           80           86           67           60           82           242           55           223           116           60           140           180           68           144           55           192           36           208           50           40           22           130           155           108           49  | 0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.44<br>0.43<br>0.34<br>0.44<br>0.43<br>0.34<br>0.44<br>0.4   | 710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         410         530         1940         1200         1370         720  
| 1.42           mons           E           I.18           1.34           2.4           1.62           3.2           1.12           5.18           1.84           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           1.34           3.46           1.08           4.82           0.82           1.06           3.88           2.4           2.1           2.74   | 0           0001.           001.           0           1           2.3           0           0.82           0.4           0.22           0.12           0.44           0.46           0.48           0.44           0.46           0.48           0.44           0.46           0.48           0.44           0.46           0.48           0.46           0.40           0.41           0           0.666           0.52           0           0           0           0.14           1.3           1.4   | 0<br>E<br>0.67<br>1.53<br>0<br>0<br>0<br>0<br>0.55<br>0.27<br>0.15<br>0.08<br>0.29<br>0.31<br>0.31<br>0.53<br>0.25<br>0.35<br>0.32<br>0.09<br>0<br>0.44<br>0.35<br>0.17<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  |
| Image: Constraint of the second sec                        | Tabl         #2.         8.2         7.2         8         7.92         8.21         6.92         8.35         7.32         7.9         7.45         6.48         6.56         7.9         6.24         7.51         7.66         8.2         8.4         7.51         7.66         8.2         8         6.5         7.3         6.88         6.1         7.9         7.1   | e 5. R<br>0.96<br>0.96<br>0.96<br>0.94<br>0.93<br>0.94<br>0.93<br>0.97<br>0.93<br>0.98<br>0.93<br>0.98<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.73<br>0.93<br>0.73<br>0.93<br>0.73<br>0.93<br>0.99<br>0.93<br>0.99<br>0.93<br>0.99<br>0.95<br>0.99<br>0.98<br>0.99<br>0.99<br>0.98<br>0.99<br>0.99<br>0.96<br>0.99<br>0.93<br>0.91<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.94<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.94<br>0.93<br>0.93<br>0.93<br>0.93<br>0.94<br>0.93<br>0.93<br>0.93<br>0.94<br>0.93<br>0.93<br>0.93<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.99<br>0.92<br>0.93<br>0.93<br>0.88<br>0.99<br>0.94<br>0.92<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.84<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.93<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94<br>0.94   | Size           Cesults o           Correction           170           314           514           302           815           190           325           409           813           195           1410           323           654           424           454           670           584           195           494           210           774           116           224           1240           530           354           622           240           150           290   
   | 11.0           E           0.57           1.05           1.05           1.01           2.72           0.63           1.08           1.36           2.71           0.65           4.7           1.08           2.18           1.41           1.51           2.23           1.95           0.65           1.65           0.7           2.58           0.39           4.13           1.77           1.18           2.07           0.8           0.5           0.7   | Ja         Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>Second<br>S   
   | 12         11.           128         C           133         C           133         C           133         C           133         C           133         C           143         C           144         C           145         C           146         C         C           147 <thc< th=""> <thc< th=""> <th< td=""><td>23         2           0         10           10         18           28         20           62         9           31         46           40         17           81         30           36         20           12         60           29         11           63         23           34         4           18         128           44         18           128         44           11         54           12         10           22         20</td><td>20         0           tted         IAN           0.33         0.66           0.99         0.66           0.91         0.33           1.05         1.33           0.57         2.77           1.33         0.57           2.71         1.29           0.66         0.99           0.33         2.07           1.12         0.66           0.99         0.33           2.11         0.77           1.11         0.66           0.42         1.44           0.77         1.88           0.43         0.33           0.42         1.44           0.77         1.88           0.43         0.33</td><td>0.67           for ;           3           3           0.3           3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.1           0.3           0.1           0.1           0.2           0.3           0.1           0.1           0.2           0.3           0.1           0.1           0.2           0.3           0.1           0.2           0.3           0.2           0.3           0.2           0.3           0.3</td><td>0           groun           groun</td><td>0         ndws         EZ         113         14         93         4         93         4         53         53         53         67         133         4         53         773         4         33         67         133         97         4         97         97         97         97         27         10         11         12         13         13         133      133<td>260         ater qu         ate</td><td>1.04           nality           iality           iali</td><td>40           pai           pai      &lt;</td><td>0         0.89           • amet           • amet      <t< td=""><td>III           ers d           66           70           96           80           86           67           60           82           242           55           223           116           60           140           180           68           144           55           192           36           208           50           108           40           21           103           40           33           102</td><td>0.33<br/>0.33<br/>0.33<br/>0.35<br/>0.48<br/>0.4<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.34<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.36<br/>0.37<br/>0.9<br/>0.34<br/>0.32<br/>0.36<br/>0.3<br/>0.37<br/>0.9<br/>0.34<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35</td><td>710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         410         530         1940         1200         1370         720</td><td>1.42           mons           E           1.18           1.34           2.4           1.62           3.2           1.12           5.18           1.84           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           1.34           3.46           1.08           4.82           0.82           1.04           2.74           1.44           2.74           1.44</td><td>0           i           i           1           2.3           0           0           0           0           0           0           0           0           0           0           0           0.82           0.44           0.46           0.48           0.38           0.52           0.48           0.38           0.52           0.48           0.52           0           0           0           0           0           0           0           0 
         0           0           0           0           0           0           0           0           0           0</td><td>0<br/>0.67<br/>1.53<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td></t<></td></td></th<></thc<></thc<> | 23         2           0         10           10         18           28         20           62         9           31         46           40         17           81         30           36         20           12         60           29         11           63         23           34         4           18         128           44         18           128         44           11         54           12         10           22         20   
   | 20         0           tted         IAN           0.33         0.66           0.99         0.66           0.91         0.33           1.05         1.33           0.57         2.77           1.33         0.57           2.71         1.29           0.66         0.99           0.33         2.07           1.12         0.66           0.99         0.33           2.11         0.77           1.11         0.66           0.42         1.44           0.77         1.88           0.43         0.33           0.42         1.44           0.77         1.88           0.43         0.33  | 0.67           for ;           3           3           0.3           3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.3           0.1           0.3           0.1           0.1           0.2           0.3           0.1           0.1           0.2           0.3           0.1           0.1           0.2           0.3           0.1           0.2           0.3           0.2           0.3           0.2           0.3           0.3   | 0           groun   
   | 0         ndws         EZ         113         14         93         4         93         4         53         53         53         67         133         4         53         773         4         33         67         133         97         4         97         97         97         97         27         10         11         12         13         13         133      133 <td>260         ater qu         ate</td> <td>1.04           nality           iality           iali</td> <td>40           pai           pai      &lt;</td> <td>0         0.89           • amet           • amet      <t< td=""><td>III           ers d           66           70           96           80           86           67           60           82           242           55           223           116           60           140           180           68           144           55           192           36           208           50           108           40           21           103           40           33           102</td><td>0.33<br/>0.33<br/>0.33<br/>0.35<br/>0.48<br/>0.4<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.34<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.36<br/>0.37<br/>0.9<br/>0.34<br/>0.32<br/>0.36<br/>0.3<br/>0.37<br/>0.9<br/>0.34<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35</td><td>710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         410         530         1940         1200         1370         720</td><td>1.42           mons           E           1.18           1.34           2.4           1.62           3.2           1.12           5.18           1.84           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           1.34           3.46           1.08           4.82           0.82           1.04           2.74           1.44           2.74           1.44</td><td>0           i           i           1           2.3           0           0           0           0           0           0           0           0           0           0           0           0.82           0.44           0.46           0.48           0.38           0.52           0.48           0.38           0.52           0.48           0.52           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0</td><td>0<br/>0.67<br/>1.53<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td></t<></td> | 260         ater qu         ate | 1.04           nality           iality           iali   
   | 40           pai           pai      <   
  | 0         0.89           • amet           • amet <t< td=""><td>III           ers d           66           70           96           80           86           67           60           82           242           55           223           116           60           140           180           68           144           55           192           36           208           50           108           40           21           103           40           33           102</td><td>0.33<br/>0.33<br/>0.33<br/>0.35<br/>0.48<br/>0.4<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.43<br/>0.34<br/>0.34<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.36<br/>0.37<br/>0.9<br/>0.34<br/>0.32<br/>0.36<br/>0.3<br/>0.37<br/>0.9<br/>0.34<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.34<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.32<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35<br/>0.35</td><td>710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         410         530         1940         1200         1370         720</td><td>1.42           mons           E           1.18           1.34           2.4           1.62           3.2           1.12           5.18           1.84           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           1.34           3.46           1.08           4.82           0.82           1.04           2.74           1.44           2.74           1.44</td><td>0           i           i           1           2.3           0           0           0           0           0           0           0           0           0           0           0           0.82           0.44           0.46           0.48           0.38           0.52           0.48           0.38           0.52           0.48           0.52           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0</td><td>0<br/>0.67<br/>1.53<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td></t<> | III           ers d           66           70           96           80           86           67           60           82           242           55           223           116           60           140           180           68           144           55           192           36           208           50           108           40           21           103           40           33           102   |
0.33<br>0.33<br>0.33<br>0.35<br>0.48<br>0.4<br>0.43<br>0.34<br>0.43<br>0.34<br>0.43<br>0.34<br>0.43<br>0.34<br>0.43<br>0.34<br>0.43<br>0.34<br>0.34<br>0.34<br>0.32<br>0.34<br>0.32<br>0.36<br>0.37<br>0.9<br>0.34<br>0.32<br>0.36<br>0.3<br>0.37<br>0.9<br>0.34<br>0.32<br>0.32<br>0.32<br>0.32<br>0.34<br>0.32<br>0.32<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.34<br>0.32<br>0.32<br>0.34<br>0.32<br>0.32<br>0.34<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.32<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35<br>0.35 | 710         g post-         590         670         1200         810         1600         950         720         1110         2310         560         2590         920         1060         1800         2010         1470         1580         670         1730         540         2410         410         530         1940         1200         1370         720   | 1.42           mons           E           1.18           1.34           2.4           1.62           3.2           1.12           5.18           1.84           2.22           4.62           1.12           5.18           1.84           2.12           3.6           4.02           2.94           3.16           1.34           3.46           1.08           4.82           0.82           1.04           2.74           1.44           2.74           1.44   | 0           i           i           1           2.3           0           0           0           0           0           0           0           0           0           0           0           0.82           0.44           0.46           0.48           0.38           0.52           0.48           0.38           0.52           0.48           0.52           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0           0  
  | 0<br>0.67<br>1.53<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  |

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Table 6. Polluta	ints	present	(NPI>	1) at	t the san	npling	g sites as	per	NPI in j	pre-	monsoon and	post-m	onsoon s	easons.
			_											

Sampling station	Pollutants (pre-monsoon)	Pollutants (post-monsoon)
1	Fe, TDS	Fe, TDS
2	TH, Ca, Fe, TDS, F	TH, Ca, Fe, TDS, F
3	TH, Ca, Fe, TDS, Cl, NO <sub>3</sub>	TH, Ca, Fe, TDS, Cl, NO <sub>3</sub>
4	TH, Ca, TDS, Cl	TH, Ca, TDS, Cl
5	TH, Ca, TDS, Cl, NO <sub>3,</sub> Mg	TH, Ca, TDS, Cl, NO <sub>3</sub> , Mg
6	TDS, Fe, NO <sub>3,</sub>	TDS, NO <sub>3,</sub>
7	TH, Ca, TDS, Mg	TH, Ca, TDS, Cl, NO <sub>3</sub> , Mg
8	TH, Ca, Fe, TDS, Cl, NO <sub>3</sub> , Mg	TH, Ca, TDS, Cl, NO <sub>3,</sub> Mg
9	TH, Ca, TDS, Cl, NO <sub>3,</sub> Mg, SO <sub>4</sub>	TH, Ca, TDS, Cl, NO <sub>3,</sub> Mg, SO <sub>4</sub>
10	TDS, Fe	Fe
11	TH, Ca, TDS, Cl, NO <sub>3,</sub> Mg, SO <sub>4</sub>	TH, Ca, Mg, TDS, Cl, NO <sub>3</sub> , Mg, SO <sub>4</sub>
12	TH, Ca, TDS, Cl, Fe	TH, Ca, TDS, Cl, Fe
13	TH, Ca, TDS, Cl, Mg	TH, Ca, TDS, Cl, NO3, Fe, Mg
14	TH, Ca, TDS, Fe, Cl, NO <sub>3</sub> ,	TH, Ca, TDS, Fe, Cl, NO <sub>3</sub> ,
15	TH, Ca, TDS, Cl, NO <sub>3</sub>	TH, Ca, TDS, Cl, NO <sub>3</sub> , SO <sub>4</sub>
16	TH, Ca, TDS, Cl, NO <sub>3</sub> , Mg	TH, Ca, TDS, Cl, NO <sub>3</sub> , Mg
17	TH, Ca, TDS, Cl, NO <sub>3</sub>	TH, Ca, TDS, Fe, Cl, NO <sub>3</sub> , Mg
18	TDS	TDS
19	TH, Ca, TDS, Cl, NO <sub>3</sub> , Mg	TH, Ca, TDS, Cl, NO <sub>3</sub> , Mg, SO <sub>4</sub>
20	TDS	None
21	TH, Ca, TDS, Cl, NO <sub>3</sub> , Mg, SO <sub>4</sub>	TH, Ca, TDS, Cl, NO <sub>3</sub> , SO <sub>4</sub>
22	None	None
23	TDS, Fe	TDS, Cl
24	TH, Ca, TDS, Cl, NO <sub>3,</sub> Mg	TH, Ca, TDS, Cl, NO <sub>3,</sub> Mg, Fe
25	TH, Ca, TDS, Cl, Mg	TH, Ca, TDS, Cl, Mg
26	TH, Ca, TDS, NO <sub>3,</sub>	TH, Ca, TDS, $NO_3$
27	TH, Ca, TDS, Cl, Mg	TH, Ca, TDS, Cl, Mg, Fe, F
28	TDS	TDS
29	None	None
30	Ca, TDS	TH, Ca, TDS, Cl

#### Conclusion

The chief causative pollution parameters in the study area are principal pollutants (pollution causing parameters) observed in the present study are nitrates, total hardness, calcium, total dissolved solids (TDS), pH, chlorides and iron.

Based on the Nemerow index method to evaluate the groundwater quality of K.R.Puram, the results show that the NPI values of TDS, nitrate, total hardness, calcium, iron and chloride are quite high , well above the max limit of 1, and hence in concurrence with the conventional characterization analysis .

The results thus indicate that the status of groundwater quality in K.R. Puram is quite poor and the groundwater of most of these locations is unfit for drinking purposes, which calls for continuous monitoring of groundwater supplies and to adopt a systematic environment management plan to safeguard against the pollution of drinking water. Boiling, filtering and techniques such as reverse osmosis are recommended to Based on these results and analysis of water samples, it is also recommended to reduce the pollution levels and thus prevent the adverse health effects that it may cause to the consumers of the said water.

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