

## Context-dependent plant–soil regulation of tree water transport in tropical forests

### Supplementary materials

Table S1. T-test results showing variation in environmental variables and hydraulic traits between two sites with their mean values, t and p values.

| Variables Name                                                             | Mean Value<br>(KNP) | Mean Value<br>(RKWS) | t-value  | p-value   |
|----------------------------------------------------------------------------|---------------------|----------------------|----------|-----------|
| PLC <sub>(theo.)</sub> %                                                   | 72.85172            | 76.00825             | -0.86699 | 0.3908    |
| K <sub>s-stem</sub> (Kgm <sup>-1</sup> s <sup>-1</sup> MPa <sup>-1</sup> ) | 3.556391e-05        | 4.171511e-05         | -1.6404  | 0.1072    |
| DH <sub>stem</sub> (mm)                                                    | 0.1560925           | 0.1726828            | -2.5403  | 0.01394   |
| V <sub>x</sub>                                                             | 0.07221384          | 0.10319582           | -2.4186  | 0.01874   |
| VD <sub>stem</sub> (mm <sup>2</sup> )                                      | 2.438448            | 2.043674             | 1.9454   | 0.05682   |
| MVA <sub>stem</sub>                                                        | 0.01457033          | 0.01823857           | -2.2066  | 0.03285   |
| SBD (gcm <sup>-3</sup> )                                                   | 1.139298            | 1.078386             | 1.7526   | 0.08497   |
| Soil Porosity                                                              | 14.77525            | 23.85553             | -7.4652  | 1.248e-09 |
| SM (%)                                                                     | 11.19168            | 23.72287             | -8.9911  | 1.382e-12 |
| SOC (%)                                                                    | 5.027243            | 6.449860             | -2.8063  | 0.007251  |
| pH                                                                         | 5.675652            | 5.040811             | 4.1741   | 0.0001266 |
| Clay (%)                                                                   | 12.08158            | 15.11765             | -4.8092  | 1.119e-05 |
| Silt (%)                                                                   | 19.53413            | 16.53853             | 2.7749   | 0.007711  |
| Sand (%)                                                                   | 68.38428            | 68.34382             | 0.030631 | 0.9757    |
| Elevation (m)                                                              | 71.26087            | 40.13514             | 9.9878   | 1.925e-13 |
| Slope (degree)                                                             | 62.260870           | 4.594595             | 9.9998   | 1.858e-10 |
| DI                                                                         | 1.391304            | 2.216216             | -2.598   | 0.01212   |
| LI                                                                         | 2.173913            | 2.100000             | 0.25668  | 0.7984    |
| DBH (cm)                                                                   | 22.90870            | 54.28649             | -5.7478  | 3.583e-07 |
| Height (m)                                                                 | 11.21739            | 17.93649             | -4.7966  | 3.583e-07 |
| BT (cm)                                                                    | 1.0543478           | 0.6959459            | 3.3938   | 0.001424  |
| CSA (m)                                                                    | 18.25816            | 62.25080             | -4.0351  | 0.0002175 |
| SL (cm)                                                                    | 1.439130            | 1.354054             | 0.69093  | 0.4924    |

|                         |           |           |        |           |
|-------------------------|-----------|-----------|--------|-----------|
| WD (gcm <sup>-3</sup> ) | 0.6973816 | 0.5543293 | 4.6265 | 6.703e-05 |
|-------------------------|-----------|-----------|--------|-----------|

Table S2. ANCOVA Results.

Model: DH ~ VD + Site + VD:Site

| <b>Term</b> | <b>Sum of Squares</b> | <b>df</b> | <b>F-value</b> | <b>p-value</b> |
|-------------|-----------------------|-----------|----------------|----------------|
| (Intercept) | 0.071207              | 1         | 246.5698       | <0.001         |
| VD          | 0.005256              | 1         | 18.2010        | <0.001         |
| Site        | 0.000200              | 1         | 0.6938         | 0.4084         |
| VD:Site     | 0.000046              | 1         | 0.1597         | 0.6909         |
| Residuals   | 0.016172              | 56        |                |                |

Table S3: All data associated with the main manuscript.

| S<br>p<br>e<br>c<br>i<br>e<br>s | P<br>L<br>C | K<br>s(<br>S<br>t<br>e<br>m<br>) | Ks<br>(B<br>r<br>a<br>n<br>c<br>h) | D<br>H(<br>S<br>t<br>e<br>m<br>) | D<br>H(<br>B<br>r<br>a<br>n<br>c<br>h) | Vx<br>(S<br>t<br>e<br>m<br>) | Vx<br>(B<br>r<br>a<br>n<br>c<br>h) | V<br>D(<br>S<br>t<br>e<br>m<br>) | V<br>D(<br>B<br>r<br>a<br>n<br>c<br>h) | M<br>V<br>A(<br>S<br>t<br>e<br>m<br>) | M<br>VA<br>(B<br>r<br>a<br>n<br>c<br>h) | Bu<br>lk<br>De<br>nsi<br>ty | Po<br>ro<br>sit<br>y | M<br>C | S<br>O<br>C | p<br>H | Cl<br>ay | Sil<br>t | Sa<br>nd | El<br>ev<br>at<br>ion | S<br>l<br>o<br>p<br>e | D<br>I | L<br>I | D<br>B<br>H | H<br>ei<br>gh<br>t | B<br>T | C<br>S<br>A | S<br>L | W<br>oo<br>dD<br>ens<br>ity |
|---------------------------------|-------------|----------------------------------|------------------------------------|----------------------------------|----------------------------------------|------------------------------|------------------------------------|----------------------------------|----------------------------------------|---------------------------------------|-----------------------------------------|-----------------------------|----------------------|--------|-------------|--------|----------|----------|----------|-----------------------|-----------------------|--------|--------|-------------|--------------------|--------|-------------|--------|-----------------------------|
| K<br>N<br>P                     | 7           | 4.                               | 9.8                                | 0.2                              | 0.0                                    | 0.2                          | 0.0                                | 0.9                              | 6.5                                    | 0.0                                   | 0.0                                     | 1.1                         | 17.                  | 12.    | 3.0         | 6      | 13.      | 20.      | 66.      | 64                    | 3                     | 1      | 3      | 6           | 2                  | 0      | 63          | 2      | 0.8                         |
|                                 | 9.          | 86                               | 55                                 | 11                               | 88                                     | 14                           | 13                                 | 87                               | 54                                     | 32                                    | 102                                     | 69                          | 98                   | 40     | 96          | .      | 15       | 00       | 83       |                       | 0                     | .      | .      | 7           | 4                  | .      | .6          | .      | 54                          |
|                                 | 7           | 59                               | 46                                 | 86                               | 55                                     | 55                           | 50                                 | 45                               | 72                                     | 02                                    | 415                                     | 6                           | 54                   | 87     | 23          | 1      | 18       | 87       | 94       |                       |                       | 5      | 5      | .           | .                  | 5      | 17          | 7      | 38                          |
|                                 | 4           | 4E                               | E-                                 | 00                               | 37                                     | 22                           | 99                                 | 18                               | 11                                     | 97                                    | 53                                      |                             | 36                   | 59     | 43          |        | 24       | 59       | 16       |                       |                       |        |        | 9           | 4                  |        | 4           |        | 42                          |
|                                 | 6           | -                                | 06                                 | 06                               | 34                                     | 33                           | 16                                 | 79                               |                                        | 61                                    |                                         |                             | 89                   | 12     | 1           |        | 82       | 12       | 06       |                       |                       |        |        |             |                    |        |             |        | 52                          |
|                                 | 0           | 05                               |                                    |                                  |                                        |                              |                                    |                                  |                                        |                                       |                                         |                             |                      |        |             |        |          |          |          |                       |                       |        |        |             |                    |        |             |        |                             |
| K<br>N<br>P                     | 4           | 1.                               | 9.0                                | 0.1                              | 0.0                                    | 0.0                          | 0.0                                | 3.2                              | 12.                                    | 0.0                                   | 0.0                                     | 1.1                         | 20.                  | 11.    | 8.4         | 5      | 14.      | 18.      | 67.      | 70                    | 3                     | 1      | 1      | 1           | 7                  | 1      | 3.          | 1      | 0.6                         |
|                                 | 6.          | 68                               | 72                                 | 20                               | 73                                     | 37                           | 05                                 | 01                               | 97                                     | 07                                    | 032                                     | 48                          | 15                   | 18     | 19          | .      | 06       | 40       | 53       |                       | 0                     | .      | .      | 0           | .                  | .      | 14          | .      | 77                          |
|                                 | 2           | 85                               | 35                                 | 78                               | 13                                     | 72                           | 63                                 | 72                               | 25                                     | 80                                    | 154                                     | 2                           | 56                   | 88     | 49          | 2      | 53       | 17       | 28       |                       |                       | 5      |        | .           | 8                  | 4      | 16          | 8      | 13                          |
|                                 | 7           | 4E                               | E-                                 | 76                               | 07                                     | 58                           | 73                                 | 20                               | 21                                     | 23                                    | 51                                      |                             | 60                   | 11     | 77          | 2      | 84       | 48       | 67       |                       |                       |        |        | 2           | 5                  |        |             |        | 14                          |
|                                 | 1           | -                                | 06                                 | 88                               | 63                                     | 51                           | 59                                 | 75                               | 84                                     | 91                                    |                                         |                             | 76                   | 19     | 84          |        | 62       | 25       | 13       |                       |                       |        |        |             |                    |        |             |        |                             |
|                                 | 1           | 05                               |                                    |                                  |                                        |                              |                                    |                                  |                                        |                                       |                                         |                             |                      |        |             |        |          |          |          |                       |                       |        |        |             |                    |        |             |        |                             |
| K<br>N<br>P                     | 7           | 3.                               | 7.8                                | 0.1                              | 0.0                                    | 0.0                          | 0.0                                | 2.3                              | 7.8                                    | 0.0                                   | 0.0                                     | 1.3                         | 15.                  | 10.    | 2.5         | 6      | 12.      | 16.      | 70.      | 64                    | 5                     | 1      | 4      | 5           | 1                  | 0      | 19          | 1      | 0.6                         |
|                                 | 5.          | 19                               | 94                                 | 53                               | 80                                     | 65                           | 10                                 | 56                               | 72                                     | 10                                    | 074                                     | 19                          | 96                   | 94     | 06          | .      | 73       | 97       | 29       |                       | 5                     |        |        | 5           | 5                  | .      | .6          | .      | 04                          |
|                                 | 2           | 27                               | 58                                 | 67                               | 02                                     | 22                           | 16                                 | 16                               | 77                                     | 66                                    | 315                                     | 8                           | 54                   | 89     | 96          | 3      | 13       | 51       | 34       |                       |                       |        |        | .           | 9                  | 35     |             | 44     |                             |
|                                 | 7           | 2E                               | E-                                 | 82                               | 51                                     | 39                           | 47                                 | 23                               | 59                                     | 83                                    | 94                                      |                             | 80                   | 05     | 37          | 6      | 86       | 82       | 30       |                       |                       |        |        | 6           |                    |        |             |        | 49                          |
|                                 |             |                                  |                                    | 06                               | 22                                     | 52                           | 93                                 | 74                               | 41                                     | 69                                    |                                         |                             | 04                   | 11     | 88          |        | 86       | 48       | 66       |                       |                       |        |        |             |                    |        |             |        | 78                          |

|             |                             |                                 |                             |                                   |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                  |                             |                             |                             |    |        |             |             |                  |                  |                  |                     |             |                             |  |
|-------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|------------------|-----------------------------|-----------------------------|-----------------------------|----|--------|-------------|-------------|------------------|------------------|------------------|---------------------|-------------|-----------------------------|--|
|             | 3<br>2                      | -<br>05                         |                             |                                   |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                  |                             |                             |                             |    |        |             |             |                  |                  |                  |                     |             |                             |  |
| K<br>N<br>P | 8<br>3.<br>6<br>8<br>1<br>8 | 3.<br>79<br>64<br>7E<br>-<br>05 | 6.1<br>95<br>16<br>E-<br>06 | 0.1<br>61<br>36<br>43<br>31       | 0.0<br>72<br>37<br>86<br>39 | 0.0<br>70<br>90<br>75<br>64 | 0.0<br>07<br>83<br>96<br>19 | 2.2<br>75<br>69<br>98<br>13 | 9.2<br>32<br>41<br>80<br>54 | 0.0<br>24<br>43<br>43<br>1  | 0.0<br>061<br>650<br>61 | 1.0<br>83<br>8 | 21.<br>37<br>67<br>16<br>52 | 13.<br>79<br>31<br>03<br>45 | 3.9<br>79<br>67<br>82<br>39 | 5<br>.<br>7<br>7 | 14.<br>56<br>55<br>17<br>24 | 18.<br>83<br>27<br>58<br>62 | 66.<br>60<br>17<br>24<br>14 | 54 | 5<br>5 | 2<br>.<br>5 | 1<br>.<br>5 | 2<br>6<br>.<br>7 | 1<br>4<br>.<br>2 | 1<br>.<br>8<br>5 | 28<br>.2<br>74<br>4 | 1<br>.<br>6 | 0.8<br>30<br>63<br>36<br>45 |  |
| K<br>N<br>P | 7<br>3.<br>3<br>0<br>4<br>2 | 3.<br>28<br>62<br>5E<br>-<br>05 | 8.7<br>72<br>91<br>E-<br>06 | 0.1<br>64<br>76<br>83<br>66       | 0.0<br>72<br>21<br>17<br>16 | 0.0<br>90<br>29<br>36<br>51 | 0.0<br>05<br>47<br>25<br>51 | 1.8<br>24<br>80<br>56<br>58 | 13.<br>19<br>52<br>56<br>39 | 0.0<br>20<br>50<br>68<br>93 | 0.0<br>050<br>759<br>5  | 1.0<br>83<br>8 | 19.<br>29<br>71<br>90<br>48 | 13.<br>57<br>14<br>28<br>57 | 2.7<br>42<br>23<br>03<br>47 | 4<br>.<br>9<br>1 | 14.<br>53<br>71<br>42<br>86 | 18.<br>79<br>60<br>71<br>43 | 66.<br>66<br>67<br>85<br>71 | 67 | 5<br>0 | 2<br>.<br>5 | 2<br>.<br>8 | 3<br>4<br>.<br>8 | 1<br>3<br>.<br>8 | 1<br>.<br>1<br>5 | 38<br>.4<br>84<br>6 | 1<br>.<br>5 | 0.9<br>54<br>87<br>00<br>41 |  |
| K<br>N<br>P | 8<br>8.<br>5<br>5<br>2<br>1 | 7.<br>45<br>87<br>9E<br>-<br>05 | 8.5<br>38<br>77<br>E-<br>06 | 0.2<br>00<br>14<br>68<br>12<br>56 | 0.0<br>77<br>68<br>38<br>25 | 0.1<br>14<br>36<br>51<br>6  | 0.0<br>08<br>10<br>12<br>64 | 1.7<br>50<br>01<br>94<br>58 | 9.5<br>89<br>09<br>93<br>59 | 0.0<br>25<br>80<br>14<br>89 | 0.0<br>070<br>949<br>73 | 0.9<br>97<br>9 | 17.<br>67<br>56<br>13<br>93 | 14.<br>17<br>91<br>04<br>48 | 4.5<br>87<br>86<br>93<br>62 | 4<br>.<br>5<br>5 | 14.<br>70<br>05<br>59<br>7  | 21.<br>75<br>11<br>19<br>4  | 63.<br>54<br>83<br>20<br>9  | 61 | 7<br>0 | 1<br>.      | 3<br>.      | 2<br>2<br>.<br>5 | 1<br>7<br>.<br>2 | 0<br>.<br>5<br>5 | 38<br>.4<br>84<br>6 | 1<br>.<br>5 | 0.6<br>93<br>19<br>89<br>24 |  |
| K<br>N<br>P | 8<br>0.<br>3<br>6<br>1<br>2 | 5.<br>01<br>56<br>1E<br>-<br>05 | 9.8<br>50<br>06<br>E-<br>06 | 0.1<br>61<br>60<br>50<br>8        | 0.0<br>89<br>49<br>49<br>8  | 0.0<br>51<br>16<br>22<br>18 | 0.0<br>14<br>25<br>11<br>45 | 3.1<br>58<br>68<br>01<br>29 | 6.2<br>79<br>84<br>48<br>07 | 0.0<br>12<br>44<br>32<br>03 | 0.0<br>050<br>934<br>96 | 1.2<br>66<br>2 | 13.<br>18<br>26<br>45<br>63 | 9.2<br>10<br>52<br>63<br>16 | 4.4<br>23<br>49<br>52<br>86 | 6<br>.<br>2<br>4 | 10.<br>53<br>88<br>15<br>79 | 17.<br>28<br>25<br>65<br>79 | 72.<br>17<br>86<br>18<br>42 | 67 | 8<br>5 | 1<br>.      | 3<br>.      | 2<br>0<br>.<br>6 | 8<br>.<br>8      | 1<br>.<br>3<br>5 | 19<br>.6<br>35      | 1<br>.<br>2 | 0.8<br>83<br>71<br>38<br>61 |  |

|             |                             |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                            |                             |                                 |                             |                             |                |        |               |               |               |               |                     |                      |                            |                             |
|-------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|----------------------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|----------------|--------|---------------|---------------|---------------|---------------|---------------------|----------------------|----------------------------|-----------------------------|
| K<br>N<br>P | 6<br>7.<br>0<br>7<br>5<br>7 | 1.<br>61<br>54<br>4E<br>-<br>05 | 5.3<br>18<br>71<br>E-<br>06 | 0.1<br>30<br>84<br>79<br>38 | 0.0<br>67<br>93<br>06       | 0.0<br>62<br>31<br>24<br>6  | 0.0<br>06<br>64<br>99<br>09 | 2.0<br>99<br>86<br>79<br>52 | 10.<br>21<br>52<br>67<br>11 | 0.0<br>07<br>35<br>17<br>51 | 0.0<br>043<br>516<br>56 | 1.2<br>44<br>7 | 18.<br>94<br>67<br>49<br>04 | 21.<br>98<br>58<br>15<br>6 | 5.3<br>29<br>15<br>36<br>05 | 6<br>. 20<br>5 49<br>8 64<br>54 | 13.<br>77<br>94<br>32<br>62 | 17.<br>01<br>56<br>02<br>84 | 69.<br>67<br>5 | 7<br>5 | 1<br>. 5<br>5 | 1<br>. 5<br>5 | 9<br>. 8<br>5 | 4<br>. 2<br>5 | 1<br>. 5<br>5       | 7.<br>06<br>86       | 1<br>. 1<br>73             | 0.6<br>19<br>74<br>73<br>83 |
| K<br>N<br>P | 3<br>6.<br>6<br>6<br>8<br>8 | 1.<br>72<br>72<br>7E<br>-<br>05 | 1.0<br>93<br>9E<br>-<br>05  | 0.1<br>17<br>31<br>62<br>32 | 0.0<br>74<br>38<br>40<br>97 | 0.0<br>33<br>05<br>59<br>68 | 0.0<br>05<br>08<br>99<br>88 | 3.5<br>49<br>01<br>81<br>89 | 14.<br>61<br>38<br>06<br>7  | 0.0<br>08<br>30<br>48<br>11 | 0.0<br>026<br>410<br>19 | 1.1<br>37<br>4 | 13.<br>94<br>37<br>56<br>28 | 9.8<br>59<br>15<br>49<br>3 | 2.9<br>80<br>62<br>59<br>31 | 5<br>. 22<br>4 18<br>6 30<br>99 | 12.<br>39<br>15<br>49<br>3  | 14.<br>38<br>66<br>19<br>72 | 73.<br>88<br>0 | 8<br>0 | 0<br>. 5<br>5 | 1<br>. 6<br>8 | 9<br>. 8<br>5 | 7<br>. 5<br>5 | 1<br>. 16<br>2      | 3.<br>14<br>16       | 1<br>. 2<br>52<br>19       | 0.6<br>05<br>97<br>52<br>19 |
| K<br>N<br>P | 8<br>6.<br>2<br>9<br>8<br>5 | 5.<br>28<br>29<br>E-<br>05      | 7.2<br>38<br>36<br>E-<br>06 | 0.1<br>51<br>70<br>88<br>3  | 0.0<br>70<br>06<br>10<br>62 | 0.0<br>37<br>36<br>52<br>39 | 0.0<br>05<br>70<br>21<br>49 | 4.0<br>60<br>15<br>95<br>08 | 12.<br>28<br>67<br>83<br>13 | 0.0<br>11<br>20<br>91<br>51 | 0.0<br>033<br>926<br>37 | 1.1<br>48<br>2 | 12.<br>56<br>47<br>24<br>92 | 10<br>45<br>15<br>58<br>55 | 7.2<br>. 94<br>6 5<br>4     | 5<br>. 10.<br>5 19.<br>75       | 10.<br>82<br>75             | 19.<br>22<br>75             | 69.<br>90<br>7 | 8<br>7 | 3<br>. 4<br>4 | 2<br>. 8<br>4 | 1<br>. 9<br>9 | 9<br>. 8<br>5 | 1<br>. 9<br>6       | 38<br>. 4<br>84<br>6 | 1<br>. 2<br>73             | 0.6<br>19<br>74<br>73<br>83 |
| K<br>N<br>P | 8<br>2.<br>4<br>8<br>4<br>4 | 3.<br>74<br>24<br>3E<br>-<br>05 | 6.5<br>55<br>07<br>E-<br>06 | 0.1<br>67<br>66<br>47<br>25 | 0.0<br>74<br>95<br>38<br>43 | 0.0<br>86<br>62<br>67<br>82 | 0.0<br>08<br>82<br>44<br>42 | 1.9<br>35<br>48<br>37<br>07 | 8.4<br>93<br>89<br>07<br>3  | 0.0<br>19<br>77<br>13<br>41 | 0.0<br>040<br>071<br>09 | 1.1<br>48<br>2 | 12.<br>56<br>47<br>24<br>92 | 10<br>96<br>54<br>59<br>14 | 4.2<br>. 94<br>6 5<br>4     | 5<br>. 10.<br>5 19.<br>75       | 10.<br>82<br>75             | 19.<br>22<br>75             | 69.<br>90<br>9 | 8<br>9 | 3<br>. 5<br>5 | 1<br>. 2<br>2 | 1<br>. 8<br>2 | 5<br>. 2<br>4 | 1<br>. 2<br>66<br>4 | 12<br>. 5<br>5       | 1<br>. 5<br>68<br>85<br>99 | 0.9<br>45<br>68<br>85<br>99 |
| K<br>N<br>P | 7<br>8.<br>3                | 3.<br>02<br>93                  | 6.5<br>66<br>3E             | 0.1<br>47<br>99             | 0.0<br>72<br>64             | 0.0<br>58<br>17             | 0.0<br>07<br>53             | 2.5<br>43<br>86             | 9.6<br>40<br>73             | 0.0<br>13<br>67             | 0.0<br>040              | 1.1<br>48<br>2 | 12.<br>56<br>47             | 10<br>96<br>54             | 4.2<br>. 94<br>5            | 5<br>. 10.<br>5 19.<br>75       | 10.<br>82<br>75             | 19.<br>22<br>75             | 69.<br>90<br>1 | 9<br>1 | 3<br>. 5<br>5 | 1<br>. 2<br>2 | 1<br>. 2<br>1 | 7<br>. 2<br>1 | 1<br>. 1<br>35      | 19<br>. 6<br>6       | 1<br>. 6<br>40             | 0.5<br>72<br>40             |

|             |                             |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |              |                             |                             |                             |    |        |   |         |              |              |              |                      |          |                             |
|-------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|--------------|-----------------------------|-----------------------------|-----------------------------|----|--------|---|---------|--------------|--------------|--------------|----------------------|----------|-----------------------------|
|             | 2<br>4<br>3                 | 4E<br>-<br>05                   | -<br>06                     | 90<br>49                    | 88<br>68                    | 88<br>14                    | 56<br>12                    | 49<br>88                    | 91<br>58                    | 60<br>86                    | 484<br>13               |                | 24<br>92                    |                             | 59<br>14                    | 6<br>4       |                             |                             |                             |    |        |   | .<br>1  |              |              |              |                      | 55<br>69 |                             |
| K<br>N<br>P | 8<br>2.<br>9<br>6<br>0<br>6 | 3.<br>91<br>73<br>8E<br>-<br>05 | 6.6<br>74<br>99<br>E-<br>06 | 0.1<br>72<br>91<br>28<br>22 | 0.0<br>73<br>25<br>34<br>98 | 0.0<br>97<br>40<br>16<br>2  | 0.0<br>07<br>72<br>65<br>63 | 1.7<br>75<br>25<br>61<br>27 | 9.4<br>80<br>73<br>54<br>56 | 0.0<br>18<br>30<br>97<br>69 | 0.0<br>041<br>469<br>02 | 1.1<br>58<br>9 | 19.<br>01<br>49<br>18<br>3  | 17.<br>42<br>42<br>42<br>42 | 3.3<br>85<br>41<br>66<br>67 | 4<br>.7<br>5 | 15.<br>99<br>90<br>53<br>03 | 19.<br>87<br>40<br>53<br>03 | 64.<br>12<br>68<br>93<br>94 | 73 | 1<br>0 | 1 | 1<br>.5 | 2<br>9<br>.4 | 1<br>0<br>.4 | 0<br>.9<br>5 | 19<br>.6<br>35       | 1<br>.1  | 0.6<br>38<br>52<br>76<br>06 |
| K<br>N<br>P | 5<br>0.<br>8<br>6<br>3<br>4 | 3.<br>40<br>11<br>9E<br>-<br>05 | 1.6<br>71<br>23<br>E-<br>05 | 0.1<br>53<br>27<br>47<br>16 | 0.0<br>82<br>84<br>60<br>03 | 0.0<br>60<br>36<br>83<br>59 | 0.0<br>05<br>70<br>97<br>58 | 2.5<br>38<br>99<br>09<br>08 | 14.<br>50<br>95<br>48<br>06 | 0.0<br>12<br>55<br>08<br>9  | 0.0<br>055<br>232<br>73 | 1.2<br>12<br>5 | 13.<br>14<br>72<br>49<br>19 | 10.<br>07<br>19<br>42<br>45 | 6.3<br>43<br>61<br>23<br>35 | 6<br>.0<br>5 | 10.<br>42<br>93<br>16<br>55 | 21.<br>38<br>14<br>74<br>82 | 68.<br>18<br>92<br>08<br>63 | 61 | 6<br>5 | 0 | 2<br>.5 | 1<br>4<br>.3 | 7<br>.6      | 1<br>.1<br>5 | 4.<br>52<br>39<br>04 | 1<br>.5  | 0.6<br>19<br>74<br>73<br>83 |
| K<br>N<br>P | 5<br>8.<br>0<br>5<br>1<br>9 | 2.<br>59<br>79<br>8E<br>-<br>05 | 1.0<br>89<br>81<br>E-<br>05 | 0.1<br>47<br>72<br>56<br>05 | 0.0<br>80<br>92<br>84<br>59 | 0.0<br>66<br>69<br>46<br>53 | 0.0<br>07<br>78<br>84<br>79 | 2.2<br>14<br>95<br>42<br>62 | 10.<br>39<br>07<br>91<br>16 | 0.0<br>08<br>03<br>90<br>84 | 0.0<br>043<br>124<br>01 | 1.1<br>91<br>1 | 12.<br>84<br>93<br>03<br>5  | 9.2<br>19<br>85<br>81<br>56 | 5.3<br>34<br>33<br>50<br>86 | 6<br>.1<br>8 | 11.<br>41<br>34<br>75<br>18 | 17.<br>42<br>05<br>67<br>38 | 71.<br>16<br>59<br>57<br>45 | 60 | 5<br>5 | 2 | 1<br>.5 | 1<br>3<br>.6 | 8<br>.5      | 1            | 3.<br>14<br>16       | 1        | 0.9<br>02<br>07<br>67<br>46 |
| K<br>N<br>P | 7<br>6.<br>0<br>4<br>9<br>9 | 2.<br>86<br>73<br>1E<br>-<br>05 | 6.8<br>67<br>23<br>E-<br>06 | 0.1<br>42<br>23<br>53<br>75 | 0.0<br>66<br>26<br>27<br>04 | 0.0<br>51<br>84<br>35<br>06 | 0.0<br>04<br>54<br>84<br>05 | 2.7<br>43<br>55<br>23<br>86 | 14.<br>56<br>83<br>40<br>08 | 0.0<br>11<br>85<br>28<br>57 | 0.0<br>045<br>424<br>29 | 1.0<br>51<br>6 | 12.<br>93<br>27<br>71<br>57 | 8.9<br>04<br>10<br>95<br>89 | 4.7<br>32<br>69<br>06<br>22 | 6<br>.1<br>9 | 8.7<br>12<br>32<br>87<br>67 | 20.<br>03<br>83<br>56<br>16 | 71.<br>24<br>93<br>15<br>07 | 66 | 7<br>0 | 1 | 1<br>.5 | 1<br>.8      | 6<br>.2      | 0<br>.4<br>5 | 3.<br>80<br>13<br>36 | 1<br>.1  | 0.6<br>26<br>00<br>74<br>57 |

|             |                             |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                       |                             |                             |                             |                    |                    |                   |                     |                  |                     |                  |                      |                     |                             |
|-------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------|-------------------|---------------------|------------------|---------------------|------------------|----------------------|---------------------|-----------------------------|
| K<br>N<br>P | 6<br>8.<br>9<br>2<br>4<br>3 | 2.<br>28<br>96<br>2E<br>-<br>05 | 7.1<br>15<br>15<br>E-<br>06 | 0.1<br>40<br>39<br>71<br>89 | 0.0<br>73<br>36<br>99<br>35 | 0.0<br>58<br>22<br>21<br>14 | 0.0<br>07<br>30<br>63<br>71 | 2.4<br>11<br>40<br>65<br>92 | 10.<br>04<br>19<br>11<br>45 | 0.0<br>12<br>21<br>79<br>16 | 0.0<br>038<br>106<br>26 | 1.2<br>44<br>7 | 15.<br>08<br>70<br>70<br>43 | 9.3<br>52<br>51<br>79<br>86 | 6.6<br>38<br>29<br>78<br>72 | 5<br>.<br>3<br>7      | 10.<br>68<br>92<br>08<br>63 | 18.<br>17<br>98<br>56<br>12 | 71.<br>13<br>09<br>35<br>25 | 67<br><br><br><br> | 8<br>0<br><br><br> | 0<br><br><br><br> | 3<br>.<br>5<br>2    | 3<br>7<br>.<br>2 | 1<br>5<br>.<br>2    | 0<br>.<br>8<br>5 | 28<br>.2<br>74<br>4  | 1<br>.<br>6<br><br> | 0.5<br>68<br>10<br>17<br>67 |
| K<br>N<br>P | 8<br>3.<br>9<br>6<br>4<br>9 | 4.<br>35<br>40<br>9E<br>-<br>05 | 6.9<br>81<br>84<br>E-<br>06 | 0.1<br>62<br>47<br>96<br>63 | 0.0<br>74<br>71<br>83<br>39 | 0.0<br>64<br>93<br>13<br>71 | 0.0<br>08<br>15<br>56<br>98 | 2.5<br>02<br>32<br>91<br>48 | 9.1<br>61<br>48<br>96<br>45 | 0.0<br>17<br>46<br>94<br>41 | 0.0<br>033<br>539<br>8  | 1.2<br>55<br>5 | 4.3<br>93<br>20<br>38<br>83 | 2.8<br>77<br>69<br>78<br>42 | 3.9<br>79<br>36<br>62<br>49 | 6<br>.<br>2<br>5<br>1 | 11.<br>88<br>23<br>74<br>31 | 18.<br>62<br>08<br>63<br>31 | 69.<br>49<br>67<br>62<br>59 | 56<br><br><br><br> | 1<br>5<br><br><br> | 0<br><br><br><br> | 2<br><br><br><br>   | 1<br>7<br>.<br>2 | 1<br>6<br>.<br>8    | 0<br>.<br>7<br>5 | 6.<br>15<br>75<br>36 | 1<br>.<br>2<br><br> | 0.8<br>60<br>76<br>02<br>54 |
| K<br>N<br>P | 5<br>7.<br>6<br>1<br>2<br>5 | 2.<br>71<br>90<br>4E<br>-<br>05 | 1.1<br>52<br>54<br>E-<br>05 | 0.1<br>35<br>00<br>94<br>81 | 0.0<br>73<br>24<br>81<br>09 | 0.0<br>41<br>33<br>95<br>79 | 0.0<br>04<br>47<br>32<br>48 | 3.2<br>65<br>86<br>49<br>19 | 16.<br>37<br>47<br>02<br>63 | 0.0<br>07<br>09<br>50<br>22 | 0.0<br>024<br>000<br>51 | 1.1<br>91<br>1 | 4.7<br>41<br>67<br>82<br>25 | 10.<br>48<br>95<br>10<br>49 | 5.0<br>59<br>28<br>85<br>38 | 4<br>.<br>8<br>1      | 12.<br>43<br>00<br>69<br>93 | 19.<br>50<br>13<br>98<br>6  | 68.<br>06<br>85<br>31<br>47 | 67<br><br><br><br> | 8<br>5<br><br><br> | 1<br><br><br><br> | 1<br><br><br><br>   | 1<br>2<br>.<br>1 | 1<br>1<br>.<br>3    | 1<br>.<br>4      | 9.<br>07<br>92<br>24 | 1<br>.<br>3<br><br> | 0.6<br>35<br>63<br>83<br>41 |
| K<br>N<br>P | 6<br>5.<br>7<br>8<br>0<br>2 | 2.<br>45<br>39<br>9E<br>-<br>05 | 1.0<br>85<br>15<br>E-<br>05 | 0.1<br>41<br>99<br>16<br>04 | 0.0<br>84<br>55<br>62<br>45 | 0.0<br>57<br>21<br>89<br>45 | 0.0<br>09<br>73<br>94<br>25 | 2.4<br>81<br>54<br>87<br>86 | 8.6<br>81<br>85<br>21<br>28 | 0.0<br>08<br>68<br>05<br>56 | 0.0<br>037<br>519<br>1  | 1.0<br>08<br>7 | 11.<br>37<br>04<br>25<br>69 | 11.<br>85<br>18<br>51<br>85 | 7.3<br>07<br>06<br>07<br>55 | 5<br>.<br>5<br>9      | 9.6<br>66<br>17<br>02<br>13 | 24.<br>99<br>31<br>91<br>49 | 65.<br>34<br>06<br>38<br>3  | 69<br><br><br><br> | 8<br>0<br><br><br> | 0<br><br><br><br> | 1<br>.<br>5<br><br> | 1<br>0<br>.<br>5 | 8<br>.<br>9<br><br> | 0<br>.<br>9<br>5 | 3.<br>80<br>13<br>36 | 1<br>.<br>7<br><br> | 0.5<br>79<br>24<br>10<br>18 |
| K<br>N<br>P | 8<br>9.<br>4                | 4.<br>70<br>05                  | 4.9<br>50<br>13             | 0.1<br>65<br>91             | 0.0<br>60<br>05             | 0.0<br>66<br>25             | 0.0<br>03<br>85             | 2.5<br>04<br>24             | 15.<br>56<br>13             | 0.0<br>12<br>26             | 0.0<br>039              | 0.9<br>65<br>7 | 13.<br>51<br>29             | 11.<br>19<br>40             | 8.7<br>82<br>43             | 5<br>.<br>61          | 11.<br>28<br>61             | 21.<br>43<br>26             | 67.<br>28<br>11             | 78<br><br><br>     | 8<br>0<br><br>     | 0<br><br><br>     | 3<br>.<br>5         | 1<br>3<br><br>   | 8<br>.<br>4         | 0<br>.<br>7      | 7.<br>06<br>86       | 1<br>.<br>2         | 0.6<br>19<br>74             |

|                  |                             |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                  |                             |                             |                             |    |        |             |        |                  |                  |                    |                      |             |                             |
|------------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|------------------|-----------------------------|-----------------------------|-----------------------------|----|--------|-------------|--------|------------------|------------------|--------------------|----------------------|-------------|-----------------------------|
|                  | 6<br>8<br>9                 | E-<br>05                        | E-<br>06                    | 32<br>04                    | 76<br>67                    | 26<br>94                    | 94<br>11                    | 84<br>05                    | 54<br>76                    | 09<br>79                    | 873<br>09               |                | 78<br>01                    | 29<br>85                    | 51<br>3                     | 2<br>6           | 94<br>03                    | 49<br>25                    | 56<br>72                    |    |        |             |        | .9               |                  |                    |                      |             | 73<br>83                    |
| K<br>N<br>P      | 8<br>2.<br>3<br>8<br>8<br>4 | 3.<br>42<br>03<br>E-<br>05      | 6.0<br>23<br>71<br>E-<br>06 | 0.1<br>67<br>84<br>36<br>22 | 0.0<br>77<br>91<br>96<br>27 | 0.0<br>95<br>07<br>36<br>55 | 0.0<br>11<br>65<br>91<br>14 | 1.7<br>65<br>40<br>62<br>19 | 6.6<br>83<br>15<br>17<br>74 | 0.0<br>17<br>64<br>44<br>65 | 0.0<br>064<br>822<br>52 | 1.0<br>62<br>3 | 15.<br>45<br>30<br>74<br>43 | 2.0<br>83<br>33<br>33<br>44 | 2.5<br>41<br>75<br>74<br>44 | 6<br>.<br>2<br>5 | 9.2<br>38<br>54<br>16<br>67 | 19.<br>90<br>62<br>5<br>5   | 70.<br>85<br>52<br>08<br>33 | 86 | 1<br>0 | 2<br>.<br>5 | 4<br>. | 3<br>9<br>.<br>9 | 1<br>5<br>.<br>8 | 0<br>.<br>7<br>5   | 38<br>.4<br>84<br>6  | 1<br>.<br>6 | 0.5<br>89<br>62<br>07<br>74 |
| K<br>N<br>P      | 8<br>1.<br>4<br>8<br>3<br>4 | 4.<br>37<br>39<br>2E<br>-<br>05 | 8.0<br>98<br>99<br>E-<br>06 | 0.1<br>70<br>60<br>13<br>89 | 0.0<br>71<br>72<br>02<br>63 | 0.0<br>79<br>80<br>20<br>04 | 0.0<br>05<br>72<br>89<br>33 | 2.1<br>37<br>80<br>83<br>37 | 12.<br>51<br>89<br>55<br>89 | 0.0<br>14<br>99<br>70<br>47 | 0.0<br>040<br>505<br>81 | 0.9<br>65<br>7 | 21.<br>10<br>47<br>22<br>41 | 16.<br>79<br>38<br>93<br>13 | 7.6<br>18<br>34<br>31<br>95 | 5<br>.<br>7<br>3 | 13.<br>57<br>72<br>90<br>08 | 24.<br>23<br>47<br>32<br>82 | 62.<br>18<br>79<br>77<br>1  | 84 | 8<br>5 | 3<br>.      | 1<br>5 | 2<br>7<br>.<br>5 | 1<br>1<br>.<br>7 | 0<br>.<br>6        | 3.<br>80<br>13<br>36 | 1<br>.<br>1 | 0.5<br>38<br>36<br>64<br>13 |
| R<br>K<br>W<br>S | 7<br>7.<br>9<br>7<br>2<br>6 | 5.<br>82<br>83<br>7E<br>-<br>05 | 1.2<br>83<br>84<br>E-<br>05 | 0.1<br>80<br>48<br>31<br>68 | 0.0<br>85<br>60<br>98<br>92 | 0.0<br>80<br>37<br>77<br>82 | 0.0<br>08<br>75<br>80<br>09 | 2.2<br>45<br>43<br>60<br>4  | 9.7<br>75<br>04<br>01<br>71 | 0.0<br>25<br>55<br>21<br>37 | 0.0<br>062<br>375<br>93 | 1.2<br>98<br>4 | 27.<br>20<br>82<br>91<br>14 | 31.<br>89<br>65<br>51<br>72 | 5.5<br>38<br>69<br>49<br>92 | 4<br>.<br>9<br>6 | 11.<br>27<br>71<br>55<br>17 | 13.<br>58<br>53<br>44<br>83 | 75.<br>13<br>75             | 49 | 3<br>0 | 1<br>.      | 3<br>5 | 8<br>4<br>.<br>8 | 2<br>2<br>.      | 1<br>3<br>93<br>84 | 15<br>3.<br>93<br>84 | 1<br>.<br>2 | 0.4<br>04<br>04<br>96<br>85 |
| R<br>K<br>W<br>S | 4<br>2.<br>3<br>1<br>6<br>9 | 2.<br>96<br>46<br>4E<br>-<br>05 | 1.7<br>10<br>1E<br>-<br>05  | 0.1<br>19<br>68<br>09<br>28 | 0.0<br>79<br>22<br>31<br>94 | 0.0<br>21<br>32<br>52<br>45 | 0.0<br>04<br>46<br>20<br>66 | 5.6<br>12<br>17<br>12<br>59 | 17.<br>75<br>48<br>22<br>05 | 0.0<br>08<br>40<br>54<br>41 | 0.0<br>027<br>301<br>7  | 1.3<br>41<br>3 | 24.<br>33<br>77<br>68<br>19 | 26.<br>89<br>07<br>56<br>3  | 3.2<br>77<br>31<br>09<br>24 | 5<br>.<br>0<br>3 | 12.<br>34<br>01<br>26<br>05 | 14.<br>56<br>07<br>14<br>28 | 73.<br>09<br>91<br>59<br>67 | 25 | 5      | 2           | 3<br>. | 7<br>5           | 6<br>.           | 1<br>3<br>5        | 3.<br>14<br>16       | 0<br>.<br>9 | 0.4<br>10<br>71<br>71<br>72 |

|                  |                            |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                  |                             |                             |                             |    |        |             |             |                  |                  |                  |                           |             |                             |
|------------------|----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|------------------|-----------------------------|-----------------------------|-----------------------------|----|--------|-------------|-------------|------------------|------------------|------------------|---------------------------|-------------|-----------------------------|
| R<br>K<br>W<br>S | 8<br>6<br>2<br>5<br>7      | 3.<br>84<br>65<br>4E<br>-<br>05 | 5.1<br>44<br>49<br>E-<br>06 | 0.1<br>77<br>28<br>55<br>8  | 0.0<br>73<br>30<br>91<br>46 | 0.1<br>10<br>20<br>98<br>66 | 0.0<br>10<br>06<br>33<br>74 | 1.6<br>08<br>61<br>80<br>57 | 7.2<br>84<br>74<br>79<br>42 | 0.0<br>23<br>41<br>55<br>85 | 0.0<br>054<br>283<br>89 | 1.2<br>44<br>7 | 27.<br>65<br>38<br>28<br>84 | 28.<br>20<br>51<br>28<br>21 | 8.0<br>78<br>99<br>46<br>14 | 5<br>.<br>1<br>5 | 9.3<br>58<br>97<br>43<br>59 | 11.<br>69<br>87<br>17<br>95 | 78.<br>94<br>23<br>07<br>69 | 22 | 0      | 3           | 5           | 2<br>1<br>.<br>9 | 2<br>1<br>.<br>9 | 1<br>.<br>7<br>5 | 72<br>.3<br>82<br>46<br>4 | 1<br>.<br>1 | 0.5<br>06<br>24<br>40<br>7  |
| R<br>K<br>W<br>S | 8<br>5<br>8<br>5<br>6<br>2 | 6.<br>12<br>58<br>9E<br>-<br>05 | 8.6<br>64<br>34<br>E-<br>06 | 0.2<br>10<br>93<br>01<br>84 | 0.0<br>77<br>02<br>29<br>06 | 0.1<br>64<br>54<br>25<br>62 | 0.0<br>07<br>64<br>99<br>58 | 1.2<br>81<br>91<br>86<br>82 | 10.<br>06<br>84<br>09<br>25 | 0.0<br>20<br>42<br>87<br>93 | 0.0<br>049<br>761<br>26 | 1.0<br>62<br>8 | 20.<br>21<br>70<br>18<br>85 | 19.<br>68<br>50<br>39<br>37 | 5.7<br>60<br>15<br>10<br>86 | 4<br>.<br>7<br>5 | 13.<br>13<br>54<br>33<br>07 | 12.<br>41<br>73<br>22<br>84 | 74.<br>44<br>72<br>44<br>09 | 23 | 0      | 3           | 3           | 6<br>4<br>.<br>4 | 1<br>4<br>.<br>4 | 0<br>.<br>8      | 50<br>.2<br>65<br>6       | 3<br>.<br>7 | 0.4<br>93<br>03<br>36       |
| R<br>K<br>W<br>S | 6<br>2<br>7<br>3<br>7<br>3 | 3.<br>28<br>59<br>8E<br>-<br>05 | 1.2<br>24<br>45<br>E-<br>05 | 0.1<br>84<br>58<br>99<br>14 | 0.0<br>78<br>00<br>56<br>82 | 0.1<br>45<br>40<br>48<br>01 | 0.0<br>05<br>76<br>74<br>86 | 1.2<br>69<br>48<br>98<br>21 | 13.<br>52<br>50<br>74<br>35 | 0.0<br>21<br>85<br>62<br>3  | 0.0<br>048<br>274<br>26 | 1.2<br>55<br>5 | 18.<br>98<br>20<br>10<br>28 | 17.<br>69<br>23<br>07<br>69 | 6.6<br>51<br>24<br>34<br>93 | 5<br>.<br>9<br>2 | 11.<br>53<br>38<br>46<br>16 | 7.7<br>08<br>84<br>61<br>55 | 80.<br>75<br>73<br>07<br>69 | 29 | 1<br>0 | 3<br>.<br>5 | 2<br>.<br>5 | 9<br>8<br>.<br>5 | 1<br>6           | 0<br>.<br>9      | 15<br>3.<br>93<br>84      | 1           | 0.4<br>41<br>65<br>43<br>09 |
| R<br>K<br>W<br>S | 5<br>8<br>4<br>4<br>5<br>7 | 2.<br>94<br>06<br>E-<br>05      | 1.2<br>21<br>95<br>E-<br>05 | 0.1<br>49<br>60<br>32<br>18 | 0.0<br>79<br>51<br>12<br>37 | 0.0<br>62<br>32<br>24<br>5  | 0.0<br>06<br>35<br>89<br>58 | 2.4<br>00<br>47<br>07<br>48 | 12.<br>50<br>38<br>15<br>14 | 0.0<br>18<br>12<br>55<br>81 | 0.0<br>039<br>869<br>64 | 1.3<br>09<br>1 | 19.<br>62<br>55<br>20<br>11 | 17.<br>82<br>94<br>57<br>36 | 5.3<br>63<br>98<br>46<br>74 | 5<br>.<br>6<br>2 | 18.<br>91<br>16<br>27<br>91 | 12.<br>04<br>80<br>62<br>02 | 69.<br>04<br>03<br>10<br>08 | 26 | 0      | 1           | 3           | 7<br>2<br>.<br>7 | 1<br>8<br>.<br>1 | 0<br>.<br>6<br>5 | 38<br>.4<br>84<br>6       | 0<br>.<br>8 | 0.5<br>94<br>07<br>30<br>52 |
| R<br>K           | 5<br>1<br>0                | 1.<br>58<br>50                  | 7.7<br>52<br>66             | 0.1<br>30<br>28             | 0.0<br>72<br>87             | 0.0<br>59<br>03             | 0.0<br>06<br>48             | 2.2<br>06<br>80             | 11.<br>23<br>99             | 0.0<br>10<br>55             | 0.0<br>039              | 1.1<br>16<br>0 | 26.<br>79<br>61             | 18.<br>18<br>18             | 6.2<br>24<br>40             | 4<br>.<br>90     | 13.<br>05<br>90             | 12.<br>08<br>40             | 74.<br>85<br>68             | 39 | 0      | 2<br>.<br>5 | 1<br>.<br>5 | 3<br>5           | 1<br>1           | 1<br>.<br>1      | 12<br>.5                  | 1<br>.<br>1 | 0.6<br>19<br>71             |

|                  |                             |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                  |                             |                             |                             |    |        |             |             |                  |                  |                  |                      |             |                             |
|------------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|------------------|-----------------------------|-----------------------------|-----------------------------|----|--------|-------------|-------------|------------------|------------------|------------------|----------------------|-------------|-----------------------------|
| W<br>S           | 8<br>7<br>9                 | 2E<br>-<br>05                   | E-<br>06                    | 48<br>82                    | 82<br>99                    | 77<br>29                    | 38<br>91                    | 71<br>57                    | 01<br>65                    | 17<br>21                    | 243<br>52               |                | 16<br>5                     | 18<br>18                    | 62<br>24                    | 8<br>4           | 90<br>91                    | 90<br>91                    | 18<br>18                    |    |        |             |             | .                | .                | 3                | 66                   |             | 25                          |
| R<br>K<br>W<br>S | 6<br>2.<br>4<br>6<br>7      | 2.<br>05<br>82<br>3E<br>-<br>05 | 7.7<br>25<br>21<br>E-<br>06 | 0.1<br>45<br>52<br>23<br>38 | 0.0<br>74<br>16<br>16<br>98 | 0.0<br>78<br>39<br>69<br>86 | 0.0<br>07<br>10<br>04<br>04 | 1.8<br>56<br>22<br>36<br>44 | 10.<br>44<br>47<br>14<br>88 | 0.0<br>14<br>42<br>53<br>56 | 0.0<br>052<br>297<br>7  | 1.1<br>80<br>4 | 27.<br>53<br>12<br>06<br>66 | 35.<br>53<br>71<br>90<br>08 | 7.2<br>47<br>62<br>72<br>65 | 4<br>.<br>2<br>4 | 18.<br>83<br>96<br>69<br>42 | 27.<br>51<br>40<br>49<br>59 | 53.<br>64<br>62<br>80<br>99 | 40 | 0      | 2<br>.<br>5 | 2           | 9<br>7           | 1<br>6<br>.<br>2 | 0<br>.<br>7<br>5 | 11<br>3.<br>09<br>76 | 0<br>.<br>8 | 0.4<br>14<br>05<br>09<br>15 |
| R<br>K<br>W<br>S | 6<br>0.<br>4<br>5<br>8<br>3 | 2.<br>42<br>51<br>4E<br>-<br>05 | 9.5<br>89<br>41<br>E-<br>06 | 0.1<br>43<br>53<br>71<br>16 | 0.0<br>71<br>98<br>54<br>99 | 0.0<br>60<br>72<br>56<br>96 | 0.0<br>04<br>92<br>86<br>54 | 2.3<br>63<br>69<br>65<br>25 | 14.<br>60<br>55<br>08<br>77 | 0.0<br>16<br>22<br>33<br>93 | 0.0<br>043<br>549<br>62 | 0.9<br>76<br>5 | 28.<br>51<br>72<br>10<br>94 | 22.<br>83<br>46<br>45<br>67 | 10.<br>34<br>48<br>27<br>59 | 3<br>.<br>1<br>5 | 20.<br>05<br>27<br>55<br>91 | 18.<br>79<br>37<br>00<br>79 | 61.<br>15<br>35<br>43<br>3  | 47 | 3<br>0 | 1           | 3<br>.<br>5 | 8<br>8<br>.<br>6 | 1<br>9<br>.<br>5 | 0<br>.<br>8<br>5 | 20<br>1.<br>06<br>24 | 1           | 0.4<br>89<br>66<br>02<br>13 |
| R<br>K<br>W<br>S | 6<br>5.<br>8<br>9<br>8<br>9 | 1.<br>84<br>48<br>6E<br>-<br>05 | 6.2<br>91<br>16<br>E-<br>06 | 0.1<br>19<br>27<br>52<br>52 | 0.0<br>77<br>76<br>38<br>84 | 0.0<br>32<br>01<br>32<br>57 | 0.0<br>11<br>05<br>23<br>32 | 3.7<br>25<br>80<br>80<br>71 | 7.0<br>35<br>97<br>08<br>26 | 0.0<br>07<br>58<br>52<br>97 | 0.0<br>043<br>943<br>34 | 0.8<br>69<br>2 | 30.<br>00<br>10<br>66<br>89 | 15.<br>26<br>71<br>75<br>57 | 4.4<br>96<br>95<br>12<br>2  | 4<br>.<br>6<br>3 | 15.<br>93<br>56<br>87<br>03 | 11.<br>87<br>25<br>19<br>09 | 72.<br>19<br>17<br>93<br>89 | 45 | 4<br>0 | 4           | 1           | 1<br>3           | 7<br>.<br>3      | 0<br>.<br>9      | 7.<br>06<br>86       | 1<br>.<br>7 | 0.7<br>00<br>32<br>14<br>11 |
| R<br>K<br>W<br>S | 6<br>9.<br>1<br>3<br>3<br>1 | 4.<br>43<br>85<br>E-<br>05      | 1.3<br>70<br>03<br>E-<br>05 | 0.1<br>85<br>00<br>40<br>35 | 0.0<br>74<br>86<br>29<br>96 | 0.1<br>14<br>30<br>97<br>4  | 0.0<br>04<br>19<br>66<br>47 | 1.6<br>18<br>44<br>50<br>74 | 17.<br>83<br>87<br>65<br>01 | 0.0<br>19<br>56<br>11<br>16 | 0.0<br>038<br>484<br>43 | 1.1<br>37<br>4 | 23.<br>96<br>75<br>40<br>94 | 25                          | 6.0<br>51<br>20<br>24<br>83 | 5<br>.<br>2<br>3 | 17.<br>37<br>5              | 31.<br>62<br>5              | 51                          | 37 | 5      | 3           | 1<br>.<br>5 | 5<br>6<br>.<br>8 | 2<br>1<br>.<br>9 | 1<br>.<br>0<br>5 | 50<br>.2<br>65<br>6  | 1<br>.<br>1 | 0.5<br>49<br>88<br>58       |

|                  |                             |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                  |                             |                             |                             |    |        |             |             |                  |                  |             |                      |             |                             |
|------------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|------------------|-----------------------------|-----------------------------|-----------------------------|----|--------|-------------|-------------|------------------|------------------|-------------|----------------------|-------------|-----------------------------|
| R<br>K<br>W<br>S | 8<br>5.<br>2<br>1<br>7<br>1 | 3.<br>47<br>80<br>6E<br>-<br>05 | 5.1<br>41<br>56<br>E-<br>06 | 0.1<br>53<br>92<br>26<br>37 | 0.0<br>70<br>08<br>48<br>07 | 0.0<br>61<br>64<br>95<br>01 | 0.0<br>08<br>04<br>11<br>7  | 2.4<br>96<br>73<br>77<br>37 | 8.7<br>15<br>74<br>72<br>94 | 0.0<br>08<br>38<br>43<br>4  | 0.0<br>046<br>104<br>05 | 1.0<br>62<br>3 | 20.<br>89<br>52<br>65<br>92 | 16.<br>54<br>13<br>53<br>38 | 11.<br>48<br>40<br>98<br>94 | 5<br>.<br>1<br>9 | 13.<br>28<br>57<br>14<br>28 | 12.<br>00<br>37<br>59<br>4  | 74.<br>71<br>05<br>26<br>32 | 36 | 3<br>0 | 1           | 2           | 9<br>0<br>.<br>3 | 2<br>1<br>.<br>6 | 1<br>.<br>6 | 63<br>.6<br>17<br>4  | 2<br>.<br>1 | 0.4<br>75<br>48<br>70<br>41 |
| R<br>K<br>W<br>S | 8<br>0.<br>2<br>5<br>8<br>2 | 7.<br>02<br>84<br>9E<br>-<br>05 | 1.3<br>87<br>55<br>E-<br>05 | 0.1<br>95<br>50<br>21<br>89 | 0.0<br>88<br>13<br>61<br>2  | 0.0<br>99<br>23<br>43<br>09 | 0.0<br>09<br>37<br>16<br>34 | 1.9<br>70<br>10<br>68<br>25 | 9.4<br>04<br>56<br>31<br>61 | 0.0<br>25<br>09<br>99<br>82 | 0.0<br>080<br>268<br>48 | 1.0<br>83<br>8 | 26.<br>64<br>93<br>38<br>74 | 23.<br>2                    | 7.5<br>93<br>92<br>48<br>6  | 5<br>.<br>9<br>5 | 14.<br>66<br>08             | 22.<br>05<br>28             | 63.<br>28<br>64             | 42 | 5      | 2<br>.<br>5 | 2           | 6<br>8<br>.<br>4 | 2<br>3<br>.<br>3 | 0<br>.<br>6 | 25<br>4.<br>46<br>96 | 2<br>.<br>2 | 0.5<br>54<br>24<br>99<br>73 |
| R<br>K<br>W<br>S | 7<br>3.<br>5<br>2<br>9<br>5 | 4.<br>40<br>20<br>3E<br>-<br>05 | 1.1<br>65<br>24<br>E-<br>05 | 0.1<br>92<br>02<br>72<br>1  | 0.0<br>82<br>17<br>50<br>83 | 0.1<br>49<br>15<br>01<br>37 | 0.0<br>07<br>86<br>28<br>5  | 1.2<br>87<br>47<br>59<br>29 | 10.<br>45<br>10<br>55<br>85 | 0.0<br>23<br>60<br>80<br>2  | 0.0<br>038<br>393<br>25 | 0.5<br>79<br>4 | 36.<br>08<br>19<br>25<br>79 | 28.<br>82<br>88<br>28<br>83 | 8.9<br>14<br>10<br>04<br>86 | 5<br>.<br>1<br>5 | 14.<br>58<br>98<br>64<br>86 | 16.<br>39<br>34<br>68<br>47 | 69.<br>01<br>66<br>66<br>67 | 44 | 0      | 2           | 2<br>.<br>5 | 6<br>0<br>.<br>9 | 2<br>3<br>.<br>5 | 0<br>.<br>5 | 78<br>.5<br>4        | 1<br>.<br>2 | 0.5<br>68<br>06<br>98<br>54 |
| R<br>K<br>W<br>S | 8<br>6.<br>0<br>4<br>4<br>6 | 5.<br>11<br>93<br>9E<br>-<br>05 | 7.1<br>44<br>3E<br>-<br>06  | 0.1<br>96<br>79<br>27<br>3  | 0.0<br>73<br>55<br>92<br>11 | 0.1<br>43<br>00<br>48<br>03 | 0.0<br>07<br>37<br>09       | 1.3<br>76<br>12<br>67<br>22 | 9.9<br>79<br>67<br>77<br>47 | 0.0<br>19<br>50<br>02<br>11 | 0.0<br>038<br>011<br>31 | 1.2<br>23<br>3 | 23.<br>31<br>48<br>40<br>5  | 11.<br>67<br>88<br>32<br>12 | 4.6<br>67<br>17<br>67<br>41 | 5<br>.<br>6<br>3 | 12.<br>31<br>25<br>91<br>24 | 17.<br>00<br>31<br>02<br>19 | 70.<br>68<br>43<br>06<br>57 | 47 | 0      | 2<br>.<br>5 | 1           | 6<br>4           | 2<br>1           | 0<br>.<br>9 | 11<br>3.<br>09<br>76 | 1<br>.<br>1 | 0.4<br>97<br>51<br>57<br>24 |
| R<br>K           | 8<br>6.<br>1                | 5.<br>55<br>56                  | 7.7<br>12<br>99             | 0.1<br>93<br>71             | 0.0<br>74<br>14             | 0.1<br>14<br>47             | 0.0<br>07<br>10             | 1.6<br>92<br>27             | 10.<br>43<br>55             | 0.0<br>23<br>21             | 0.0<br>026              | 1.0<br>94<br>5 | 28.<br>31<br>47             | 32.<br>47<br>86             | 8.1<br>65<br>99             | 5<br>.<br>83     | 17.<br>81<br>83             | 23.<br>58<br>11             | 58.<br>60<br>04             | 32 | 0      | 3<br>.<br>5 | 1<br>.<br>5 | 6<br>4           | 2<br>6           | 0<br>.      | 38<br>.4             | 2<br>.<br>5 | 0.5<br>93<br>35             |

|                  |                             |                                 |                             |                             |                             |                             |                             |                                   |                             |                             |                         |                |                             |                             |                             |                  |                             |                             |                             |    |   |             |             |                  |                       |                  |                           |             |                             |
|------------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|------------------|-----------------------------|-----------------------------|-----------------------------|----|---|-------------|-------------|------------------|-----------------------|------------------|---------------------------|-------------|-----------------------------|
| W<br>S           | 1<br>6<br>9                 | 5E<br>-<br>05                   | E-<br>06                    | 84<br>48                    | 86<br>66                    | 24<br>58                    | 54<br>11                    | 12<br>39                          | 21<br>41                    | 79<br>48                    | 830<br>77               |                | 36<br>99                    | 32<br>48                    | 73<br>23                    | 1<br>3           | 76<br>07                    | 96<br>58                    | 27<br>35                    |    |   |             |             |                  | .                     | 3                | 84<br>56                  |             | 29<br>63                    |
| R<br>K<br>W<br>S | 7<br>2.<br>5<br>7<br>1<br>8 | 3.<br>46<br>91<br>7E<br>-<br>05 | 9.5<br>15<br>31<br>E-<br>06 | 0.1<br>62<br>98<br>33<br>94 | 0.0<br>77<br>41<br>22<br>2  | 0.0<br>82<br>36<br>88<br>43 | 0.0<br>07<br>14<br>36<br>42 | 1.9<br>78<br>70<br>19<br>98       | 10.<br>83<br>65<br>20<br>55 | 0.0<br>11<br>47<br>56       | 0.0<br>063<br>372<br>21 | 0.8<br>79<br>9 | 25.<br>02<br>59<br>21<br>39 | 28.<br>20<br>51<br>28<br>21 | 9.4<br>54<br>54<br>54<br>55 | 4<br>.<br>9<br>4 | 17.<br>24<br>35<br>89<br>74 | 16.<br>41<br>02<br>56<br>41 | 66.<br>34<br>61<br>53<br>85 | 32 | 0 | 3<br>.<br>5 | 0<br>.<br>5 | 1<br>9           | 2<br>2<br>.<br>5      | 0<br>.<br>4      | 2.<br>01<br>06<br>24      | 1<br>.<br>1 | 0.5<br>54<br>24<br>99<br>73 |
| R<br>K<br>W<br>S | 8<br>8.<br>7<br>5<br>0<br>7 | 3.<br>53<br>81<br>9E<br>-<br>05 | 3.9<br>80<br>2E<br>-<br>06  | 0.1<br>68<br>10<br>39<br>74 | 0.0<br>67<br>34<br>39<br>55 | 0.0<br>92<br>79<br>87<br>93 | 0.0<br>08<br>50<br>90<br>91 | 1.8<br>11<br>48<br>35<br>87<br>95 | 7.9<br>14<br>35<br>38<br>57 | 0.0<br>15<br>98<br>42<br>8  | 0.0<br>037<br>227<br>87 | 0.8<br>90<br>6 | 24.<br>11<br>16<br>03<br>36 | 27.<br>64<br>22<br>76<br>42 | 8.9<br>48<br>33<br>94<br>83 | 4<br>.<br>5<br>6 | 17.<br>35<br>93<br>49<br>59 | 22.<br>52<br>88<br>61<br>79 | 60.<br>11<br>17<br>88<br>62 | 38 | 0 | 3<br>.<br>5 | 2<br>.<br>5 | 4<br>1<br>.<br>3 | 2<br>1<br>.<br>3      | 0<br>.<br>8<br>5 | 21<br>.2<br>37<br>21<br>6 | 1           | 0.5<br>23<br>26<br>43<br>45 |
| R<br>K<br>W<br>S | 8<br>9.<br>9<br>6<br>9<br>6 | 3.<br>16<br>64<br>5E<br>-<br>05 | 3.1<br>76<br>09<br>E-<br>06 | 0.1<br>71<br>35<br>18<br>47 | 0.0<br>59<br>73<br>53<br>13 | 0.1<br>14<br>30<br>34<br>37 | 0.0<br>05<br>85<br>54<br>22 | 1.4<br>99<br>09<br>61<br>84       | 10.<br>20<br>17<br>09<br>14 | 0.0<br>20<br>10<br>12<br>45 | 0.0<br>043<br>587<br>56 | 0.8<br>58<br>4 | 26.<br>06<br>42<br>27<br>04 | 27.<br>82<br>60<br>86<br>96 | 9.4<br>72<br>74<br>35<br>21 | 4<br>.<br>5<br>6 | 14.<br>18<br>86<br>95<br>65 | 22.<br>56<br>13<br>04<br>35 | 63.<br>25                   | 38 | 0 | 3<br>.<br>5 | 1<br>.<br>5 | 4<br>6<br>.<br>5 | 2<br>1<br>.<br>6      | 0<br>.<br>7<br>5 | 24<br>.6<br>30<br>14<br>4 | 1<br>.<br>4 | 0.5<br>62<br>35<br>48<br>66 |
| R<br>K<br>W<br>S | 9<br>4.<br>4<br>4<br>8<br>9 | 7.<br>06<br>39<br>7E<br>-<br>05 | 3.9<br>21<br>28<br>E-<br>06 | 0.1<br>95<br>60<br>99<br>48 | 0.0<br>60<br>31<br>25<br>58 | 0.0<br>99<br>63<br>05<br>04 | 0.0<br>04<br>97<br>62<br>89 | 1.9<br>63<br>35<br>4              | 12.<br>11<br>99<br>87<br>88 | 0.0<br>24<br>11<br>15<br>11 | 0.0<br>052<br>409<br>07 | 0.8<br>58<br>4 | 18.<br>83<br>93<br>14<br>93 | 12.<br>05<br>67<br>37<br>59 | 4.7<br>93<br>94<br>44<br>91 | 5<br>.<br>7<br>5 | 12.<br>43<br>82<br>97<br>87 | 14.<br>25<br>92<br>19<br>86 | 73.<br>30<br>24<br>82<br>27 | 42 | 0 | 3<br>.<br>5 | 2<br>.<br>5 | 8<br>8           | 2<br>6<br>.<br>2<br>5 | 0<br>.<br>3<br>5 | 17<br>6.<br>71<br>5       | 1<br>.<br>1 | 0.5<br>19<br>33<br>65<br>89 |

|                  |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |   |     |     |     |    |   |   |   |   |   |    |    |    |     |
|------------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|----|---|---|---|---|---|----|----|----|-----|
| R<br>K<br>W<br>S | 8  | 6. | 6.8 | 0.1 | 0.0 | 0.0 | 0.0 | 2.4 | 8.8 | 0.0 | 0.0 | 0.8 | 27. | 21. | 7.7 | 4 | 16. | 21. | 61. | 32 | 0 | 1 | 2 | 6 | 2 | 0  | 13 | 1  | 0.5 |
|                  | 8. | 26 | 91  | 78  | 75  | 72  | 08  | 49  | 29  | 20  | 029 | 79  | 55  | 89  | 47  | . | 57  | 51  | 90  |    |   | . | . | 3 | 3 | .  | 2. | .  | 65  |
|                  | 9  | 23 | 48  | 52  | 16  | 87  | 51  | 60  | 88  | 52  | 081 | 9   | 33  | 78  | 48  | 4 | 81  | 49  | 69  |    |   | 5 | 5 | . | . | 3  | 73 | 8  | 40  |
|                  | 9  | E- | E-  | 00  | 49  | 70  | 25  | 52  | 76  | 65  | 09  |     | 98  | 10  | 92  | 3 | 02  | 63  | 34  |    |   |   |   | 2 | 5 | 5  | 26 |    | 28  |
|                  | 5  | 05 | 06  | 9   | 85  | 85  | 64  | 31  | 47  | 69  |     |     | 06  | 22  | 4   |   | 19  | 5   | 31  |    |   |   |   |   |   |    |    |    | 6   |
| R<br>K<br>W<br>S | 8  | 4. | 5.0 | 0.1 | 0.0 | 0.0 | 0.0 | 3.1 | 16. | 0.0 | 0.0 | 1.1 | 25. | 27. | 6.4 | 5 | 13. | 22. | 63. | 31 | 0 | 1 | 1 | 1 | 1 | 0  | 19 | 1  | 0.6 |
|                  | 8. | 33 | 50  | 49  | 59  | 47  | 03  | 58  | 26  | 12  | 036 | 58  | 31  | 16  | 17  | . | 73  | 72  | 53  |    |   | . | . | 9 | 2 | .  | .6 | .  | 65  |
|                  | 3  | 34 | 89  | 62  | 69  | 37  | 66  | 24  | 75  | 84  | 592 | 9   | 95  | 04  | 54  | 1 | 33  | 99  | 67  |    |   | 5 | 5 | . | 8 | 35 | 5  | 68 |     |
|                  | 4  | 1E | E-  | 07  | 49  | 46  | 95  | 57  | 34  | 95  | 72  |     | 50  | 93  | 67  | 1 | 33  | 38  | 28  |    |   |   |   | 3 | 5 |    |    | 18 |     |
|                  | 4  | -  | 06  | 54  | 8   | 39  | 78  | 75  | 27  | 56  |     |     | 19  | 83  | 1   |   | 33  | 27  | 4   |    |   |   |   |   |   |    |    | 58 |     |
| R<br>K<br>W<br>S | 8  | 4. | 5.4 | 0.1 | 0.0 | 0.0 | 0.0 | 2.0 | 8.5 | 0.0 | 0.0 | 1.1 | 20. | 21. | 6.6 | 4 | 10. | 18. | 70. | 31 | 0 | 1 | 5 | 8 | 2 | 0  | 95 | 1  | 0.5 |
|                  | 8. | 80 | 46  | 78  | 71  | 88  | 08  | 22  | 16  | 23  | 064 | 84  | 44  | 37  | 26  | . | 52  | 47  | 99  |    |   |   |   | 1 | 3 | .  | .0 | .  | 89  |
|                  | 6  | 7E | 68  | 11  | 51  | 06  | 39  | 55  | 42  | 68  | 390 | 2   | 33  | 40  | 04  | 5 | 91  | 91  | 16  |    |   |   |   | . | 7 | 33 | 1  | 16 |     |
|                  | 6  | -  | E-  | 54  | 46  | 46  | 72  | 34  | 27  | 88  | 87  |     | 04  | 45  | 72  | 6 | 98  | 98  | 03  |    |   |   |   | 5 |   | 4  |    | 33 |     |
|                  | 9  | 05 | 06  | 78  | 34  | 6   | 62  | 09  | 75  | 26  |     |     | 63  | 8   | 2   |   | 47  | 47  | 05  |    |   |   |   |   |   |    |    |    | 57  |
| R<br>K<br>W<br>S | 8  | 7. | 9.2 | 0.1 | 0.0 | 0.1 | 0.0 | 1.8 | 8.5 | 0.0 | 0.0 | 1.0 | 28. | 26. | 6.0 | 4 | 18. | 11. | 69. | 34 | 0 | 0 | 4 | 8 | 2 | 0  | 12 | 1  | 0.6 |
|                  | 7. | 15 | 81  | 99  | 81  | 10  | 09  | 07  | 89  | 19  | 049 | 19  | 17  | 66  | 09  | . | 81  | 36  | 82  |    |   |   |   | 3 | 1 | .  | 2. | .  | 29  |
|                  | 0  | 50 | 89  | 28  | 53  | 23  | 49  | 78  | 05  | 94  | 639 | 4   | 92  | 66  | 24  | 9 |     | 83  | 16  |    |   |   |   | . | 9 | 71 | 7  | 72 |     |
|                  | 2  | 8E | E-  | 05  | 59  | 45  | 30  | 66  | 28  | 75  | 05  |     | 13  | 66  | 49  | 1 |     | 33  | 66  |    |   |   |   | 5 | 5 | 87 |    | 44 |     |
|                  | 7  | -  | 06  | 93  | 32  | 77  | 06  | 14  | 62  | 84  |     |     | 75  | 67  | 92  |   |     | 33  | 67  |    |   |   |   |   |   | 5  |    | 95 |     |
| R<br>K           | 8  | 3. | 4.9 | 0.1 | 0.0 | 0.0 | 0.0 | 1.8 | 10. | 0.0 | 0.0 | 1.2 | 22. | 37. | 7.0 | 5 | 16. | 8.9 | 74. | 41 | 0 | 0 | 1 | 3 | 1 | 0  | 23 | 0  | 0.6 |
|                  | 6. | 71 | 00  | 70  | 66  | 91  | 06  | 56  | 30  | 16  | 033 | 12  | 88  | 5   | 73  | . | 98  | 03  | 11  |    |   |   | . | 4 | 1 | .  | .7 | .  | 18  |
|                  | 8  | 96 | 57  | 06  |     | 62  | 44  | 13  | 63  | 90  |     | 5   | 58  |     | 71  |   |     |     |     |    |   | 5 |   |   |   | 7  | 9  |    | 74  |

|                  |                             |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                  |                             |                                   |                             |    |   |             |                  |                       |                  |                       |                     |             |                             |
|------------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|------------------|-----------------------------|-----------------------------------|-----------------------------|----|---|-------------|------------------|-----------------------|------------------|-----------------------|---------------------|-------------|-----------------------------|
| W<br>S           | 2<br>5<br>1                 | 2E<br>-<br>05                   | E-<br>06                    | 46<br>84                    | 40<br>66                    | 31<br>96                    | 32<br>51                    | 13<br>32                    | 80<br>59                    | 11<br>99                    | 664<br>13               |                | 87<br>15                    |                             | 55<br>62                    | 5<br>5           | 12<br>5                     | 12<br>5                           | 56<br>25                    |    |   |             |                  | .                     | .                |                       | 58                  |             | 27                          |
|                  |                             |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                  |                             |                                   |                             |    |   |             | 5                | 5                     |                  | 35                    |                     | 52          |                             |
| R<br>K<br>W<br>S | 7<br>2.<br>1<br>0<br>1<br>3 | 1.<br>85<br>80<br>4E<br>-<br>05 | 5.1<br>83<br>71<br>E-<br>06 | 0.1<br>17<br>81<br>78<br>28 | 0.0<br>66<br>75<br>76<br>8  | 0.0<br>30<br>66<br>84<br>49 | 0.0<br>06<br>25<br>40<br>45 | 3.8<br>41<br>66<br>24<br>57 | 10.<br>67<br>43<br>20<br>55 | 0.0<br>05<br>67<br>44<br>01 | 0.0<br>028<br>678<br>81 | 1.1<br>05<br>2 | 17.<br>09<br>40<br>17<br>09 | 21.<br>6                    | 6.5<br>23<br>29<br>74<br>91 | 4<br>.<br>8<br>1 | 19.<br>57<br>76             | 9.3<br>02<br>40<br>00<br>01       | 71.<br>12                   | 41 | 0 | 4<br>.<br>5 | 1<br>.<br>5<br>1 | 1<br>4<br>.<br>5<br>1 | 7<br>.<br>5<br>5 | 0<br>.<br>5<br>5      | 3.<br>14<br>16      | 0<br>.<br>9 | 0.6<br>29<br>41<br>07<br>31 |
| R<br>K<br>W<br>S | 7<br>2.<br>9<br>7<br>9      | 3.<br>53<br>26<br>5E<br>-<br>05 | 9.5<br>45<br>98<br>E-<br>06 | 0.1<br>65<br>13<br>42<br>87 | 0.0<br>78<br>12<br>24<br>14 | 0.0<br>78<br>79<br>91<br>11 | 0.0<br>07<br>45<br>33<br>76 | 2.0<br>95<br>63<br>64<br>14 | 10.<br>48<br>14<br>80<br>49 | 0.0<br>12<br>99<br>87<br>19 | 0.0<br>045<br>952<br>15 | 1.1<br>26<br>7 | 27.<br>07<br>24<br>42<br>12 | 27.<br>5                    | 6.0<br>10<br>01<br>66<br>94 | 4<br>.<br>5<br>9 | 17.<br>43<br>56<br>25       | 9.8<br>49<br>37<br>5              | 72.<br>71<br>5              | 49 | 0 | 0           | 2                | 6<br>4<br>5           | 2<br>.<br>5<br>5 | 0<br>.<br>4<br>5<br>6 | 38<br>.4<br>84<br>6 | 1<br>.<br>2 | 0.5<br>84<br>07<br>18<br>22 |
| R<br>K<br>W<br>S | 7<br>8.<br>9<br>6<br>3<br>5 | 4.<br>90<br>12<br>1E<br>-<br>05 | 1.0<br>31<br>04<br>E-<br>05 | 0.2<br>35<br>55<br>35<br>16 | 0.0<br>78<br>23<br>87<br>84 | 0.3<br>08<br>28<br>40<br>63 | 0.0<br>06<br>95<br>23<br>05 | 0.7<br>64<br>07<br>94<br>46 | 11.<br>25<br>36<br>47<br>43 | 0.0<br>23<br>46<br>42<br>7  | 0.0<br>074<br>491<br>17 | 1.1<br>37<br>4 | 29.<br>62<br>59<br>28<br>04 | 29.<br>83<br>87<br>09<br>68 | 6.1<br>76<br>08<br>41       | 4<br>.<br>5<br>7 | 20.<br>90<br>40<br>32<br>26 | 23.<br>11<br>12<br>90<br>32<br>42 | 55.<br>98<br>46<br>77<br>42 | 47 | 0 | 0           | 5                | 7<br>9<br>5           | 2<br>.<br>3<br>5 | 0<br>.<br>74<br>4     | 28<br>.2<br>74<br>4 | 1<br>.<br>2 | 0.5<br>28<br>06<br>49<br>35 |
| R<br>K<br>W<br>S | 6<br>4.<br>2<br>9<br>7<br>7 | 3.<br>72<br>45<br>4E<br>-<br>05 | 1.3<br>29<br>75<br>E-<br>05 | 0.1<br>68<br>77<br>16<br>74 | 0.0<br>85<br>53<br>71<br>96 | 0.0<br>88<br>84<br>23<br>43 | 0.0<br>08<br>41<br>97<br>98 | 1.8<br>99<br>67<br>60<br>83 | 10.<br>15<br>90<br>55<br>13 | 0.0<br>22<br>02<br>58<br>68 | 0.0<br>055<br>304<br>28 | 1.0<br>08<br>7 | 19.<br>16<br>78<br>22<br>47 | 18.<br>89<br>76<br>37<br>8  | 5.1<br>06<br>04<br>87<br>04 | 4<br>.<br>6<br>3 | 13.<br>88<br>12<br>99<br>21 | 14.<br>53<br>52<br>36<br>22<br>57 | 71.<br>58<br>34<br>64<br>57 | 43 | 0 | 0           | 0<br>.<br>5      | 2<br>9<br>5           | 1<br>.<br>3<br>5 | 0<br>.<br>16          | 3.<br>14<br>16      | 1<br>.<br>3 | 0.5<br>42<br>83<br>59<br>82 |

|                  |                             |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                  |                             |                             |                             |    |   |             |                  |                  |                  |                  |                     |             |                             |
|------------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|------------------|-----------------------------|-----------------------------|-----------------------------|----|---|-------------|------------------|------------------|------------------|------------------|---------------------|-------------|-----------------------------|
| R<br>K<br>W<br>S | 8<br>3.<br>9<br>5<br>4<br>6 | 5.<br>86<br>11<br>9E<br>-<br>05 | 9.4<br>04<br>5E<br>-<br>06  | 0.2<br>40<br>91<br>49<br>52 | 0.0<br>81<br>53<br>60<br>42 | 0.3<br>30<br>90<br>66<br>09 | 0.0<br>09<br>36<br>93<br>07 | 0.7<br>28<br>04<br>51<br>5  | 8.7<br>02<br>46<br>27<br>97 | 0.0<br>28<br>43<br>35<br>54 | 0.0<br>024<br>344<br>2  | 0.9<br>97<br>9 | 26.<br>34<br>13<br>38<br>78 | 26.<br>89<br>07<br>56<br>3  | 5.3<br>46<br>91<br>27<br>94 | 4<br>.<br>8<br>1 | 15.<br>67<br>10<br>08<br>4  | 14.<br>65<br>58<br>82<br>35 | 69.<br>67<br>31<br>09<br>25 | 36 | 0 | 3           | 1<br>.<br>3      | 5<br>2<br>.      | 1<br>6<br>.<br>5 | 0<br>.<br>3<br>5 | 38<br>.4<br>84<br>6 | 1<br>.<br>2 | 0.6<br>44<br>07<br>92<br>01 |
| R<br>K<br>W<br>S | 8<br>2.<br>5<br>1<br>7<br>0 | 3.<br>74<br>05<br>5E<br>-<br>05 | 6.5<br>39<br>6E<br>-<br>06  | 0.1<br>71<br>45<br>74<br>5  | 0.0<br>76<br>61<br>89<br>13 | 0.1<br>01<br>97<br>88<br>54 | 0.0<br>09<br>87<br>24<br>22 | 1.6<br>81<br>30<br>39<br>49 | 7.7<br>60<br>90<br>33<br>08 | 0.0<br>17<br>97<br>78<br>97 | 0.0<br>027<br>677<br>04 | 1.1<br>26<br>7 | 18.<br>27<br>81<br>03<br>19 | 13.<br>23<br>52<br>94<br>12 | 2.9<br>71<br>66<br>55<br>15 | 6<br>.<br>0<br>5 | 12.<br>51<br>25             | 10.<br>07<br>79<br>41<br>18 | 77.<br>40<br>95<br>58<br>82 | 33 | 0 | 2           | 1<br>.<br>6<br>8 | 7<br>3<br>.<br>8 | 1<br>8<br>.      | 0<br>.<br>3<br>5 | 38<br>.4<br>84<br>6 | 1<br>.<br>4 | 0.5<br>93<br>21<br>58<br>04 |
| R<br>K<br>W<br>S | 8<br>4.<br>2<br>0<br>1<br>1 | 4.<br>37<br>00<br>1E<br>-<br>05 | 6.9<br>04<br>13<br>E-<br>06 | 0.1<br>75<br>20<br>82<br>97 | 0.0<br>73<br>21<br>59<br>51 | 0.0<br>91<br>78<br>97<br>2  | 0.0<br>07<br>45<br>10<br>04 | 1.9<br>08<br>80<br>08<br>66 | 9.8<br>26<br>31<br>97<br>98 | 0.0<br>18<br>02<br>43<br>9  | 0.0<br>045<br>566<br>92 | 0.8<br>58<br>4 | 12.<br>83<br>71<br>08<br>95 | 26.<br>66<br>66<br>66<br>67 | 5.7<br>12<br>16<br>61<br>72 | 5<br>.<br>2<br>9 | 18.<br>81                   | 14.<br>63                   | 66.<br>56                   | 34 | 0 | 1<br>.<br>5 | 0<br>.<br>9      | 3<br>2<br>.<br>3 | 1<br>7<br>.<br>5 | 0<br>.<br>2<br>5 | 19<br>.6<br>35      | 0<br>.<br>7 | 0.6<br>99<br>51<br>45<br>89 |
| R<br>K<br>W<br>S | 6<br>8.<br>4<br>5<br>3<br>2 | 4.<br>79<br>66<br>3E<br>-<br>05 | 1.5<br>13<br>18<br>E-<br>05 | 0.1<br>79<br>32<br>07<br>91 | 0.0<br>91<br>05<br>99<br>79 | 0.0<br>98<br>74<br>26<br>59 | 0.0<br>10<br>11<br>67<br>64 | 1.8<br>16<br>04<br>17<br>57 | 9.0<br>00<br>90<br>00<br>9  | 0.0<br>21<br>00<br>88<br>12 | 0.0<br>062<br>364<br>7  | 1.3<br>41<br>3 | 19.<br>35<br>99<br>89<br>78 | 26.<br>22<br>95<br>08<br>2  | 4.6<br>57<br>72<br>75<br>94 | 5<br>.<br>7<br>7 | 13.<br>00<br>16<br>39<br>34 | 24.<br>80<br>40<br>98<br>36 | 62.<br>19<br>42<br>62<br>3  | 92 | 0 | 2           | 0<br>.<br>7      | 1<br>8<br>.<br>2 | 1<br>0<br>.      | 0<br>.<br>3      | 7.<br>06<br>86      | 1           | 0.5<br>08<br>86<br>25<br>74 |
| R<br>K           | 7<br>5.<br>1                | 3.<br>45<br>9E                  | 8.5<br>84<br>47             | 0.1<br>72<br>27             | 0.0<br>77<br>17             | 0.1<br>06<br>20             | 0.0<br>07<br>79             | 1.6<br>22<br>10             | 9.8<br>96<br>12             | 0.0<br>19<br>34             | 0.0<br>036              | 0.9<br>33<br>6 | 18.<br>06<br>79             | 20.<br>49<br>18             | 5.4<br>83<br>87             | 5<br>.<br>64     | 13.<br>82<br>64             | 25.<br>09<br>24             | 61.<br>08<br>11             | 47 | 0 | 2<br>.<br>5 | 1<br>.<br>2      | 5<br>8           | 1<br>7           | 0<br>.<br>3      | 12<br>.5            | 1<br>.<br>1 | 0.5<br>45<br>52             |

|                  |                             |                                 |                             |                             |                             |                             |                             |                             |                             |                             |                         |                |                             |                             |                             |                  |                             |                             |                             |    |        |             |             |                  |                  |                       |                     |   |                             |
|------------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|------------------|-----------------------------|-----------------------------|-----------------------------|----|--------|-------------|-------------|------------------|------------------|-----------------------|---------------------|---|-----------------------------|
| W<br>S           | 8<br>2<br>2                 | -<br>05                         | E-<br>06                    | 58<br>51                    | 70<br>73                    | 51<br>49                    | 87<br>13                    | 45<br>17                    | 90<br>03                    | 52<br>9                     | 050<br>4                |                | 61<br>17                    | 03<br>28                    | 09<br>68                    | 5<br>8           | 34<br>43                    | 18<br>03                    | 47<br>54                    |    |        |             |             |                  | .                |                       | 66<br>4             |   | 16<br>27                    |
| R<br>K<br>W<br>S | 6<br>4.<br>1<br>9<br>3<br>0 | 3.<br>40<br>11<br>4E<br>-<br>05 | 1.2<br>17<br>84<br>E-<br>05 | 0.1<br>57<br>44<br>42<br>59 | 0.0<br>95<br>99<br>16<br>36 | 0.0<br>70<br>94<br>80<br>05 | 0.0<br>16<br>36<br>32<br>77 | 2.2<br>19<br>14<br>99<br>05 | 5.8<br>66<br>28<br>45<br>37 | 0.0<br>14<br>25<br>12<br>31 | 0.0<br>087<br>507<br>1  | 1.2<br>44<br>7 | 16.<br>97<br>25<br>74<br>59 | 30.<br>17<br>24<br>13<br>79 | 5.7<br>72<br>23<br>08<br>89 | 4<br>.<br>5<br>4 | 16.<br>07<br>62<br>93<br>1  | 14.<br>93<br>72<br>84<br>48 | 68.<br>98<br>64<br>22<br>41 | 52 | 0      | 2           | 0<br>.<br>4 | 1<br>8<br>.<br>8 | 1<br>1<br>.<br>2 | 0<br>.<br>5<br>4      | 12<br>.5<br>66<br>4 | 2 | 0.5<br>32<br>86<br>55<br>25 |
| R<br>K<br>W<br>S | 8<br>8.<br>1<br>7<br>4<br>2 | 5.<br>28<br>53<br>9E<br>-<br>05 | 6.2<br>50<br>41<br>E-<br>06 | 0.1<br>98<br>37<br>64<br>55 | 0.0<br>66<br>09<br>48<br>75 | 0.1<br>40<br>68<br>48<br>14 | 0.0<br>04<br>93<br>42<br>98 | 1.4<br>10<br>07<br>72<br>49 | 13.<br>39<br>49<br>91<br>88 | 0.0<br>26<br>40<br>33<br>68 | 0.0<br>067<br>721<br>51 | 0.9<br>87<br>2 | 21.<br>74<br>58<br>54<br>45 | 23.<br>38<br>70<br>96<br>77 | 4.4<br>29<br>86<br>05<br>41 | 5<br>.<br>7<br>3 | 14.<br>06<br>61<br>29<br>03 | 16.<br>62<br>64<br>11<br>29 | 69.<br>30<br>74<br>59<br>67 | 50 | 0      | 4<br>.<br>5 | 0<br>.<br>9 | 3<br>8<br>.<br>7 | 2<br>2<br>.<br>7 | 0<br>.<br>5<br>4      | 28<br>.2<br>74<br>4 | 2 | 0.5<br>90<br>47<br>26<br>09 |
| R<br>K<br>W<br>S | 5<br>7.<br>5<br>2<br>1<br>6 | 2.<br>97<br>29<br>8E<br>-<br>05 | 1.2<br>62<br>87<br>E-<br>05 | 0.1<br>55<br>17<br>61<br>32 | 0.0<br>76<br>50<br>81<br>39 | 0.0<br>74<br>94<br>24<br>15 | 0.0<br>05<br>07<br>54<br>32 | 2.0<br>70<br>60<br>49<br>09 | 15.<br>07<br>42<br>11<br>5  | 0.0<br>13<br>69<br>17<br>94 | 0.0<br>040<br>172<br>57 | 1.2<br>55<br>5 | 27.<br>57<br>54<br>21<br>91 | 10.<br>75<br>94<br>93<br>67 | 4.0<br>50<br>63<br>29<br>11 | 5<br>.<br>2      | 11.<br>24<br>20<br>88<br>61 | 10.<br>60<br>52<br>21<br>52 | 78.<br>15<br>26<br>89<br>87 | 59 | 1<br>5 | 4           | 1<br>.<br>7 | 6<br>7<br>.<br>6 | 2<br>3<br>.<br>5 | 0<br>.<br>2<br>5<br>6 | 50<br>.2<br>65<br>6 | 1 | 0.5<br>71<br>27<br>02<br>48 |