| _ | | C 0.03% | | | | | H 4.87% | | K 5.81% | | | | | | | | T 0.62% | | W 0.31% | |
|------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------|
| | 0.15% | 0.10% | 0.29% 0.44% 0.04% | 1.75% | 0.07% | 0.24% | 12.43% | 0.18% | 0.76% 6.49% 0.68% | 3.89% | 0.16% | 1.47% | 3.11% | 61.64% | 6.09% | 0.37% | 0.50% | 61.90% 0.20% 15.05% | 0.46% | 0.25 |
| :Q | 0.36% | 0.06% | 0.21% | 1.17% | 0.06% | 0.37% | 7.64% | 0.07% | 0.77% 4.35% 0.00% | 10.68% | 0.39% | 0.77% | 6.85% | 55.94% | 7.90% | 0.72% | 0.55% | 62.23% 0.57% 0.13% | | 0.16 |
| :G :A | 0.81% 58.40% | 0.02% 0.09% | 0.13% 0.55% | 3.53% 0.07% | 0.00% | 89.72% 1.45% | 0.00% 0.11% | 0.00% 0.61% | 0.13% 0.01% | 0.09% 0.35% | 0.05% 0.01% | 0.01% 0.19% | 0.04% 10.61% | 0.10% 0.01% | 3.32% 0.16% | 0.06% 4.75% | 0.09% 20.94% | 0.88% 1.56% | 1.01% 0.00% | 0.00 |
| L:V | 6.55% | 0.01% | 0.36% | | 0.15% | 5.45% | 0.01% | 1.58% | 3.79% 0.48% 54.87% | 9.48% | 8.69% | 0.03% | 0.27% | 0.11% | 0.58% | 0.37% | | 59.48% | | 0.00 |
| 3:K 4:P | 0.49% 4.76% | 0.01% 0.40% | 0.30% 0.06% | 6.07% 0.02% | 0.01% | 1.30% 0.12% | 0.09% 0.54% | 0.53% 0.19% | 59.06% 0.03% | 0.46% | 5.84% 0.02% | 1.32% 0.17% | 0.22% 70.86% | 3.30% 0.08% | 14.16% 1.24% | 0.43% 12.70% | 5.61% 6.36% | 0.52% 0.29% | 0.28% 0.04% | 0.03 |
| 6:A | 89.96% | 0.01% | 1.31% | 0.06% | 0.01% | 1.10% | 0.02% | 0.08% | 0.10% 0.01% 0.02% | 0.03% | 0.01% | 0.07% | 1.66% | 0.00% | 0.01% | 0.97% | 3.02% | | 0.00% | 0.01 |
| 9:K | 0.31% | 0.02% | 0.24% 0.62% 3.89% | 6.43% | 0.01% | 0.51% | 0.37% | 0.50% | 0.25% 69.29% 0.04% | 0.17% | 1.05% | 6.04% | 0.17% | 4.62% | 5.01% | 1.00% | 3.59% | 0.14% | 0.07% | 0.06 |
| 1:S 2:C | 3.48% 0.29% | 2.20% 60.14% | 0.12% 0.82% | 0.00% 0.04% | 2.34% 3.31% | 0.13% 2.93% | 0.27% 1.61% | 0.09% | 0.01% 0.07% | 1.00% 1.30% | 0.01% 0.01% | 0.12% 0.73% | 9.39% 0.63% | 0.01% 0.06% | 0.23% 2.68% | 77.22% 8.93% | 1.54% 0.18% | 0.23% 0.14% | 0.13% 5.07% | 1.48 11.0 |
| 1:A | 1.69% 48.20% 2.76% | 0.14% | 1.17% | 0.08% | | 1.68% | 0.13% | 0.77% | 45.63% 0.03% 0.02% | 0.32% | 0.02% | 0.42% | 11.52% | 0.01% | 0.15% | 7.03% | 26.62% | 1.51% | 0.00% | 0.0 |
| 7:Y | 5.40% 0.49% 10.43% | 9.48% | 9.91% | 0.77% | 7.36% | 1.28% | | 0.78% | 0.68% | | 0.04% | 9.67% | 0.86% | 0.68% | 1.79% | | 0.72% | 0.49% | | 30.5 |
| 9:F 0:T | 0.15% 7.80% | 4.09% 0.20% | 0.08% | 0.01% 0.02% | 64.90% 0.32% | 0.12% 0.49% | 0.20% 0.15% | 0.81% 4.29% | 0.01% | 20.70% 0.45% | 0.06% 0.10% | 0.06% 1.60% | 0.76% 5.71% | 0.02% 0.01% | 0.29% 0.54% | 4.38% 8.03% | 0.07% 68.54% | 2.10% 1.10% | 0.16% 0.01% | 1.0 |
| 2:Y | | 12.37% | 20.43% 3.10% 2.98% | 0.16% | 0.06% 8.34% 13.74% | 0.48% | 10.32% | 0.27% | 0.07% 0.54% 0.27% | 2.89% | 0.02% | 0.43% 4.34% 3.18% | 0.93% | 0.05% 0.45% 0.54% | | 1.07% 9.88% 16.23% | | 5.06% 0.18% 0.27% | 0.02% 0.56% 0.58% | 43.2 |
| 5:H | 1.54% 0.67% | 0.12% 0.63% | 0.08% 2.96% | 0.69% | | 0.30% | 47.98% | 17.15% 0.58% | 1.65% 1.86% | 27.35% 6.50% | 18.76% 0.09% | 0.22% 7.08% | 1.98% 8.78% | 0.37% 7.46% | | 1.86% 1.94% | 6.28% 1.18% | | 0.44% 0.10% | 0.03 2.64 |
| 7:V | | | 0.27% | 3.78% | 0.18% | 3.93% | 0.02% | 1.57% | 0.02% 0.73% 0.00% | 8.91% | 6.01% | 0.05% | 0.71% | 0.04% 0.37% 0.00% | 0.59% | 0.42% | 1.10% | 66.16% | 81.03% 0.05% 0.00% | 0.00 |
| D:X | 0.00% | 0.00% 0.00% 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% 0.00% 0.00% | 0.00% | 0.00% 0.00% 0.00% | 0.00% | 0.00% 0.00% 0.00% | 0.00% | | 0.00% | | 0.00% | 0.00% | 0.00% 0.00% 0.00% | 0.00% | 0.00 |
| 2:X 3:X | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.0 |
| 5:X | 0.00% | 0.00% 0.00% 0.00% | | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% 0.00% 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% 0.00% 0.00% | 0.00% | 0.0 |
| 3:X | | 0.00% 0.00% 0.55% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% 0.00% 0.27% | 0.00% | 0.00% 0.00% | 0.00% 0.00% | | 0.00% | 0.00% | 0.00% | | 0.00% 0.00% 0.02% | 0.00% | 0.0 |
|):Q L:A | 0.08% 89.19% | 0.00% 0.03% | 0.03% 0.61% | 1.30% 0.23% | 0.00% 0.02% | 0.13% 1.94% | 1.05% 0.01% | 0.00% 0.09% | 1.04% 0.02% | 1.74% 0.03% | 0.03% 0.00% | 0.05% 0.06% | 2.87% 1.23% | 85.58% 0.00% | 5.82% 0.03% | 0.08% 1.11% | 0.07% 3.45% | 0.04% 1.92% | 0.07% 0.00% | 0.0 |
| 3:G | | | 0.04% 0.34% 0.48% | 2.65% | | 86.67% | 0.02% | 0.07% | 0.00% 0.14% 0.91% | 0.07% | 0.01% | 0.03% | | 0.08% | 7.73% | 0.37% | 1.46% 0.16% 0.20% | 0.09% 0.41% 0.18% | 0.00% 0.03% 0.01% | 0.0 |
| 3:L | 0.17% | 0.08% | | | 2.38% | 0.06% | | 1.56% | 0.08% 0.01% 4.24% | 76.55% | | 0.05% | | 0.18% | 1.56% | 0.38% | | | 0.00% | 0.0 |
| :W | 0.21% | 7.72% | 0.09% 0.02% | 0.42% 0.96% | 0.39% | 4.42% 0.70% | 0.09% 0.01% | 0.04% 3.51% | 0.40% 5.02% | 2.09% 12.56% | 0.15% 45.51% | 0.07% 0.08% | 0.22% 0.68% | 0.13% 0.40% | 9.61% 5.27% | 3.73% 0.41% | 0.22% 7.78% | | 69.11% | 0.6 |
| .:W | | 0.07% 6.19% 0.07% | 0.00.0 | 17.73% 0.35% 0.04% | 0.04% 0.51% 1.76% | 6.37% | 0.34% | 0.05% | 1.52% 0.21% 0.44% | 3.59% | 0.11% | | 0.54% | 0.43% 0.43% 0.02% | 7.58% 14.00% 1.44% | | 1.69% 0.15% 4.90% | 2.81% 0.26% 8.39% | 61.28% | 0.9 |
| 3:N 1:P | 0.48% 3.10% | 0.56% 0.33% | 5.44% 0.10% | 1.04% 0.03% | 0.28% 0.43% | 0.84% 0.18% | 5.17% 1.09% | 2.88% 0.29% | 14.42% 0.01% | 0.49% 3.28% | 0.43% 0.02% | 48.68% 0.10% | 0.47% 78.96% | 0.74% 0.17% | 3.51% 2.26% | 6.38% 5.67% | 5.76% 3.45% | 0.37% 0.42% | 0.04% 0.02% | 2.0 |
| 6:S | 0.59% | 5.48% | 13.44% 0.78% 8.72% | 0.08% | 0.79% 0.40% 0.28% | 6.95% | | 2.93% | 7.78% 0.74% 0.08% | 0.31% | 0.10% | | 0.50% | | 11.24% | 54.57% | 7.46% | 0.86% 0.36% 2.18% | | + |
| 9:T | 7.04% 5.71% 0.52% | 0.02% | 13.07% 0.08% 10.80% | 0.97% | 0.13% 0.04% 0.79% | 0.61% | | 4.07% | 0.09% 1.95% 9.03% | 0.74% | 0.51% | 0.32% 0.32% 38.80% | 4.52% | 0.05% 0.12% 1.31% | 3.19% 6.34% 2.50% | 4.86% | 0.33% 68.51% 5.04% | 4.58% 0.59% 0.61% | 0.01% | |
| 1:Y 2:A | 0.36% 40.67% | 12.37% 0.03% | 3.23% 0.94% | 0.39% 9.40% | 13.23% 0.10% | 0.45% 2.80% | 7.11% 0.08% | 0.37% | 0.30% | 2.34% 1.60% | 0.02% 0.14% | 3.30% 0.10% | 1.13% 11.18% | 0.55% 0.59% | 0.98% 1.20% | 15.08% 8.30% | 0.63% 18.85% | 0.26% 1.90% | 0.39% 0.02% | 37.5 |
| 1:K | 0.73% | | 0.74% | | | 0.89% | 0.44% | 1.95% | 2.40% 54.50% 0.01% | | 4.09% | 9.92% | | | 7.98% | | 7.90% | 0.35% 0.49% 3.78% | 0.14% | 0.0 |
| 7:G | 6.72% | 0.03% 0.30% 0.23% | 19.29% | | | 12.16% | 0.21% | 0.72% | 3.58% 0.09% 1.14% | 0.50% | | 0.63% | | 0.02% | 0.77% | | | 0.36% 56.57% | | |
| 9:V D:T | 6.51% 8.05% | 0.02% 0.16% | 1.94% 0.19% | 0.21% 0.02% | 0.71% 0.31% | 1.87% 0.32% | 0.03% 0.12% | 3.10% 4.76% | 0.03% 0.16% | 1.54% 0.47% | 0.14% 0.15% | 0.07% 1.51% | 0.13% 5.91% | 0.01% 0.01% | 0.10% 1.07% | 0.17% 7.20% | 0.27% 68.69% | 83.14% 0.83% | 0.00% 0.00% | 0.0 |
| 2:T | 8.68% | 0.01% 0.08% 0.16% | 0.02% 0.28% 0.03% | | | 0.18% | 0.16% | 6.18% | | 0.32% | 48.66% 0.26% 0.31% | 3.34% | 4.15% | 0.02% | 1.35% | | 9.77% 69.16% 1.02% | 7.86% 0.64% 0.06% | 0.22% 0.00% 2.15% | 0.0 |
| 5:T | | | 0.02% | | 0.03% | 0.27% | 0.01% | 0.48% | 0.76% 1.78% 0.01% | 0.64% | 3.18% | 0.10% | 6.34% | 0.08% | 1.58% | 6.24% | 69.79% | 1.11% | 0.00% 0.11% 0.05% | 0.0 |
| 7:I 3:S | 0.89% | 0.26% 2.71% | 0.21% 1.13% | 0.04% 0.26% | 6.04% 0.30% | 0.41% 7.18% | 0.11% 1.28% | 55.77% 3.59% | 0.49% 2.26% | 8.57% 0.57% | 3.77% 0.26% | 1.23% 8.86% | 0.58% 0.75% | 0.03% 0.16% | 1.63% 39.18% | 2.38% 21.33% | 5.22% 7.83% | 12.28% 0.66% | 0.01% 0.22% | 0.0 |
| | | 0.03% 0.08% 12.01% | 6.35% | 1.09% 0.66% 0.22% | 0.07% 0.25% 5.39% | 0.76% 5.42% 0.64% | | 4.95% 0.72% 0.27% | 0.03% | 0.77% | 0.72% 0.07% 0.01% | 0.38% 0.19% 5.30% | 1.99% | 0.16% 0.01% 0.43% | 6.94% 0.10% 1.18% | 1.07% | 3.07% | 0.72% 12.75% 0.19% | 0.01% 0.00% 0.19% | 0.0 0.0 44.0 |
| 2:M 3:E | 0.84% | 0.05% | 0.04% 18.50% | 0.44% 57.42% | 0.38% | 0.95% 8.05% 0.68% | 0.02% 0.66% | 10.13% 0.18% | 1.88% | 13.27% 0.20% | 41.12% 0.20% | 0.20% 1.25% | 0.49% 0.20% 2.16% | 0.16% 2.20% | 13.69% 0.77% | 1.63% 0.29% | 5.48% 0.54% | 8.85% 1.47% 14.67% | 0.38% 0.02% | 0.0 |
| 5:S 6:R | 0.56% 0.11% | 1.32% 1.02% | 1.31% 0.08% | 0.28% 0.19% | 0.14% 0.02% | 4.21% 8.30% | 0.70% 0.04% | 4.17% 0.35% | 4.14% 1.07% | 0.38% | 0.50% 0.29% | 5.71% 0.54% | 0.34% | 0.15% 0.07% | 42.98% 67.93% | 25.51% 16.84% | 4.55% 1.00% | 2.71% 0.10% | 0.15% 1.85% | 0.1 |
| | 0.77% | | 0.01% 0.23% 0.30% | 1.38% | 0.21% 0.02% 11.14% | 4.48% | | 2.62% | 0.04% 12.35% 0.01% | | 0.39% | 2.10% | | | 63.74% | 0.22% 2.18% 59.53% | 0.07% 7.93% 1.60% | 1.84% 0.30% 0.69% | 0.11% 0.07% 0.34% | 0.0 0.0 2.5 |
| 0:D 1:D | 4.17% 7.00% | 0.10% 0.09% | 80.70% 65.50% | 1.81% 8.44% | 0.05% 0.05% | 7.95% 10.47 % | 0.90% 1.82% | 0.06% 0.15% | 0.17% 0.37% | 0.05% 0.16% | 0.00% 0.01% | 0.97% 1.41% | 0.07% 0.24% | 0.07% 0.33% | 0.10% 0.39% | 0.22% 0.36% | 0.14% 0.49% | 1.93% 2.26% | 0.00% 0.00% | 0.5 |
| 3:A | 76.04% 5.18% | 0.03% 0.03% | 1.18% 1.34% | | 0.04% 1.16% | 1.64% 2.94% | 0.04% 0.11% | 0.36% 5.04% | 0.01% | 0.42% 0.12% 12.63% | | 0.15% 0.12% | | 0.37% | | 2.63% 0.48% | | 3.17% 59.01% | 0.03% | 0.0 |
| 6:Y | 0.55% | 11.40% | 4.70% 7.45% 0.34% | 0.20% | 12.58% 8.91% 5.34% | | 11.03% | 0.34% | 0.62% | 2.07% 2.45% 0.78% | | 3.78% | | 0.71% 1.03% 0.04% | 1.11% 1.24% 4.04% | 8.12% | 0.40% | 0.45% 0.46% 0.10% | 0.40% 0.57% 3.35% | 39.7 |
| 8:A 9:R | 81.07% 0.76% | 0.01% 0.07% | 0.15% 0.08% | 2.07% 0.91% | 0.01% 0.01% | 1.16% 11.09% | 0.01% 0.06% | 0.05% 1.00% | 0.11% 3.60% | 0.53% 0.14% | 0.30% 0.11% | 0.01% 0.49% | 3.24% 0.37% | 0.08% 0.25% | 0.21% 73.86% | 2.21% 3.51% | 4.47% 3.47% | 4.24% 0.15% | 0.07% 0.07% | 0.0 |
| 1:Q | | | 12.10% 0.09% 0.58% | | | | 3.66% | 0.01% | 0.10% 1.20% 49.47% | 0.93% | 0.05% 0.03% 0.97% | | 2.94% 3.47% 0.33% | | 2.05% | | 4.15% 0.12% 8.97% | 28.53% 0.05% 0.25% | 0.00% 0.02% 0.03% | 0.0 |
| 4:G | 0.58% | | 0.32% | 1.02% | 0.00% 0.00% | 10.96% 91.22% | 0.01% 0.01% | 0.04% 0.02% | 1.36% | 0.11% 0.05% | | 0.06% 0.03% | 0.08% 0.04% | 0.05% | 4.90% | | 0.61% 0.07% 0.10% | 0.11% 0.58% 0.05% | 3.20% 0.56% 1.97% | 0.0 |
| 6:Y 7:N | 0.59% 1.52% | 8.22% 0.71% | 4.64% 13.31% | 0.48% 1.88% | 10.68% 1.04% | 0.54% 1.85% | 10.77% 5.37% | 1.21% 5.16% | 0.65% 12.85% | 3.51% 1.47% | 0.06% 0.95% | 6.38% 31.58% | 1.37% 0.76% | 1.55% 1.26% | 1.53% 2.97% | 13.26% 6.52% | 1.26% 6.79% | 0.70% 1.29% | 0.34% 0.09% | 32.2 2.6 |
| 9:N | 0.76% | 0.19% | 4.28% | 0.98% | 0.14% | 0.79% | 2.40% | 5.37% | 0.11% 11.50% 0.29% | 0.40% | 0.63% | 48.70% | 0.56% | 0.68% | 3.03% | 8.06% | 10.37% | 0.43% | 0.01% | 0.7 |
| 1:A 2:H | 63.21% 0.09% | 0.09% 0.21% | 5.58% 1.17% | 0.35% 0.10% | 0.18% 0.25% | 6.47% 0.09% | 0.10% 66.44% | 0.49% | 0.03% | 0.43% 5.40% | 0.02% 0.01% | 0.14% 1.16% | 2.57% 6.26% | 0.01% 10.10% | 0.09% 6.43% | 1.91% 0.25% | 5.61% 0.14% | 12.68% 0.16% | 0.00% 0.01% | 0.0 1.4 |
| 4:G | 1.61% | 0.51% | 2.95% | 0.15% | 0.01% | 91.73% | 0.04% | 0.03% | 0.01% 0.02% 1.00% | 0.01% | 0.00% | 0.10% | 0.02% | 0.00% | 0.78% | 0.71% | 0.05% | 1.25% | 0.01% | 0.0 |
| 6:G 7:T | 6.46% 8.08% | 0.26% 0.23% | 15.56% 0.54% | 2.50% 0.04% | 0.15% 0.31% | 21.40% 0.62% | 0.18% 0.15% | 0.70% 3.24% | 0.20% 0.33% 0.03% | 0.49% | 0.05% 0.28% | 0.55% 2.17% | 0.09% 5.40% | 0.04% 0.01% | 1.90% 0.40% | 0.70% 8.36% | 0.28% 68.13% | 48.36% 1.26% | 0.01% 0.01% | 0.1 |
| 9:V 0:T | 6.37% 7.60% | 0.03% 0.18% | 1.89% 0.36% | 0.22% | 1.17% 0.28% | 1.75% 0.46% | 0.03% 0.13% | 4.49% 4.03% | 0.03% 0.17% | 3.11% 0.42% | 0.20% 0.09% | 0.07% 1.53% | 0.16% 5.95% | 0.01% 0.01% | 0.11% 0.56% | 0.19% 7.84% | 0.31% 69.22% | 79.84% 1.05% | 0.00% 0.01% | 0.0 |
| 1:V | | | | | | | | | 0.02% | | | | | | | | | | 0.00% 0.23% | _ |