

| | | $\tau = 0.0$ | | | | | | | $\tau = 0.2$ | | | | | | | $\tau = 0.4$ | | | | | | | $\delta = 0.8$ |
|-----|--------|--------------|------|------|------|------|------|------|--------------|------|------|------|------|------|------|--------------|------|------|------|------|------|------|----------------|
| 100 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.91 | 1 | 1 | 0.97 | 1 | |
| 60 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.76 | 1 | 1 | 0.85 | 1 | |
| 30 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.96 | 1 | 1 | 0.97 | 1 | 1 | 1 | 0.55 | 1 | 1 | 0.62 | 1 | |
| 10 | 2 | 1 | 1 | 0.83 | 1 | 0.99 | 0.98 | 1 | 1 | 1 | 0.66 | 1 | 0.99 | 0.87 | 0.99 | 1 | 1 | 0.28 | 1 | 0.97 | 0.52 | 0.86 | |
| 100 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.94 | 1 | 1 | 1 | 1 | |
| 60 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.79 | 1 | 1 | 0.97 | 1 | |
| 30 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.97 | 1 | 1 | 0.99 | 1 | 1 | 1 | 0.6 | 1 | 1 | 0.82 | 1 | |
| 10 | 1 | 1 | 1 | 0.84 | 1 | 1 | 1 | 1 | 1 | 1 | 0.65 | 1 | 0.99 | 0.91 | 0.98 | 1 | 1 | 0.31 | 1 | 0.98 | 0.66 | 0.88 | |
| 100 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.99 | 1 | 1 | 1 | 1 | |
| 60 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.93 | 1 | 1 | 1 | 1 | |
| 30 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 1 | 1 | 1 | 1 | 1 | 1 | 0.71 | 1 | 1 | 0.99 | 0.99 | |
| 10 | 0 | 1 | 1 | 0.88 | 1 | 1 | 0.99 | 1 | 1 | 1 | 0.69 | 1 | 0.99 | 0.97 | 0.98 | 1 | 1 | 0.38 | 1 | 0.99 | 0.87 | 0.87 | |
| k | grpEnv | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | |
| 100 | 2 | 1 | 1 | 1 | 1 | 1 | 0.99 | 1 | 1 | 1 | 0.9 | 1 | 1 | 0.97 | 1 | 1 | 1 | 0.25 | 1 | 1 | 0.71 | 0.9 | $\delta = 0.5$ |
| 60 | 2 | 1 | 1 | 0.98 | 1 | 1 | 0.97 | 1 | 1 | 1 | 0.74 | 1 | 1 | 0.88 | 0.99 | 1 | 1 | 0.22 | 1 | 1 | 0.5 | 0.78 | |
| 30 | 2 | 1 | 1 | 0.89 | 1 | 0.97 | 0.9 | 1 | 1 | 1 | 0.51 | 1 | 0.97 | 0.65 | 0.93 | 1 | 0.99 | 0.18 | 1 | 0.99 | 0.32 | 0.66 | |
| 10 | 2 | 1 | 1 | 0.46 | 0.88 | 0.68 | 0.69 | 0.87 | 1 | 0.99 | 0.24 | 0.91 | 0.68 | 0.47 | 0.75 | 0.96 | 0.87 | 0.1 | 0.94 | 0.76 | 0.21 | 0.54 | |
| 100 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.95 | 1 | 1 | 1 | 1 | 1 | 1 | 0.39 | 1 | 1 | 0.96 | 0.9 | |
| 60 | 1 | 1 | 1 | 1 | 1 | 1 | 0.99 | 1 | 1 | 1 | 0.84 | 1 | 1 | 0.99 | 1 | 1 | 1 | 0.29 | 1 | 1 | 0.82 | 0.75 | |
| 30 | 1 | 1 | 1 | 0.93 | 1 | 0.99 | 0.96 | 1 | 1 | 1 | 0.61 | 1 | 0.99 | 0.88 | 0.92 | 1 | 1 | 0.23 | 1 | 1 | 0.62 | 0.66 | |
| 10 | 1 | 1 | 1 | 0.51 | 0.88 | 0.71 | 0.79 | 0.85 | 1 | 0.99 | 0.27 | 0.91 | 0.71 | 0.62 | 0.74 | 0.95 | 0.88 | 0.14 | 0.96 | 0.79 | 0.34 | 0.55 | |
| 100 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.82 | 1 | 1 | 1 | 0.91 | |
| 60 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.97 | 1 | 1 | 1 | 0.99 | 1 | 1 | 0.67 | 1 | 1 | 1 | 0.81 | |
| 30 | 0 | 1 | 1 | 0.98 | 1 | 1 | 1 | 0.97 | 1 | 1 | 0.81 | 1 | 1 | 1 | 0.86 | 1 | 0.99 | 0.42 | 1 | 1 | 0.93 | 0.7 | |
| 10 | 0 | 1 | 1 | 0.62 | 0.92 | 0.77 | 0.95 | 0.82 | 1 | 0.99 | 0.44 | 0.94 | 0.79 | 0.86 | 0.75 | 0.91 | 0.86 | 0.22 | 0.97 | 0.87 | 0.57 | 0.56 | |
| k | grpEnv | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | |
| 100 | 2 | 1 | 1 | 0.07 | 0.1 | 0.08 | 0.97 | 0.81 | 1 | 1 | 0.01 | 0.89 | 0.61 | 0.19 | 0.88 | 1 | 0.7 | 0.01 | 1 | 0.99 | 0.01 | 0.9 | $\delta = 0.2$ |
| 60 | 2 | 1 | 1 | 0.08 | 0.1 | 0.08 | 0.83 | 0.86 | 1 | 1 | 0.03 | 0.73 | 0.46 | 0.14 | 0.93 | 0.98 | 0.54 | 0.01 | 1 | 0.92 | 0.02 | 0.79 | |
| 30 | 2 | 1 | 1 | 0.06 | 0.08 | 0.07 | 0.55 | 0.94 | 0.99 | 0.92 | 0.04 | 0.54 | 0.31 | 0.09 | 0.93 | 0.84 | 0.49 | 0.03 | 0.94 | 0.73 | 0.02 | 0.52 | |
| 10 | 2 | 0.99 | 0.93 | 0.05 | 0.08 | 0.08 | 0.2 | 0.94 | 0.76 | 0.6 | 0.02 | 0.28 | 0.18 | 0.06 | 0.56 | 0.42 | 0.3 | 0.03 | 0.66 | 0.39 | 0.03 | 0.19 | |
| 100 | 1 | 1 | 1 | 0.44 | 0.19 | 0.14 | 1 | 0.88 | 1 | 1 | 0.12 | 0.94 | 0.72 | 0.7 | 0.91 | 1 | 0.64 | 0.05 | 1 | 1 | 0.1 | 0.91 | |
| 60 | 1 | 1 | 1 | 0.3 | 0.14 | 0.13 | 0.97 | 0.93 | 1 | 0.99 | 0.1 | 0.81 | 0.56 | 0.46 | 0.94 | 0.97 | 0.58 | 0.05 | 1 | 0.96 | 0.07 | 0.79 | |
| 30 | 1 | 1 | 1 | 0.18 | 0.14 | 0.11 | 0.82 | 0.98 | 1 | 0.91 | 0.09 | 0.62 | 0.4 | 0.26 | 0.94 | 0.75 | 0.49 | 0.04 | 0.95 | 0.78 | 0.05 | 0.54 | |
| 10 | 1 | 0.96 | 0.9 | 0.09 | 0.1 | 0.07 | 0.35 | 0.91 | 0.68 | 0.57 | 0.06 | 0.39 | 0.21 | 0.11 | 0.52 | 0.37 | 0.3 | 0.04 | 0.71 | 0.47 | 0.05 | 0.2 | |
| 100 | 0 | 1 | 1 | 0.94 | 0.64 | 0.46 | 1 | 0.99 | 1 | 0.99 | 0.66 | 1 | 0.96 | 1 | 0.95 | 0.99 | 0.74 | 0.33 | 1 | 1 | 0.77 | 0.9 | |
| 60 | 0 | 1 | 1 | 0.79 | 0.47 | 0.34 | 0.99 | 0.99 | 1 | 0.97 | 0.51 | 0.94 | 0.81 | 0.96 | 0.97 | 0.91 | 0.71 | 0.28 | 1 | 1 | 0.54 | 0.81 | |
| 30 | 0 | 1 | 0.99 | 0.51 | 0.31 | 0.22 | 0.93 | 1 | 0.94 | 0.86 | 0.32 | 0.79 | 0.59 | 0.67 | 0.92 | 0.66 | 0.53 | 0.2 | 0.99 | 0.91 | 0.26 | 0.6 | |
| 10 | 0 | 0.84 | 0.78 | 0.23 | 0.18 | 0.08 | 0.56 | 0.81 | 0.55 | 0.46 | 0.15 | 0.47 | 0.28 | 0.25 | 0.46 | 0.3 | 0.25 | 0.1 | 0.77 | 0.52 | 0.11 | 0.21 | |
| k | grpEnv | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | |
| 100 | 2 | 0.36 | 0.2 | 0 | 0 | 0 | 0 | 0.2 | 0.28 | 0.04 | 0 | 0.14 | 0.08 | 0 | 0.1 | 0.13 | 0 | 0 | 0.96 | 0.78 | 0 | 0.02 | $\delta = 0.0$ |
| 60 | 2 | 0.22 | 0.12 | 0 | 0 | 0.01 | 0 | 0.13 | 0.18 | 0.04 | 0 | 0.14 | 0.09 | 0 | 0.08 | 0.08 | 0.01 | 0 | 0.88 | 0.57 | 0 | 0.03 | |
| 30 | 2 | 0.14 | 0.06 | 0 | 0 | 0.01 | 0 | 0.07 | 0.11 | 0.03 | 0 | 0.13 | 0.08 | 0 | 0.05 | 0.06 | 0.02 | 0.01 | 0.7 | 0.39 | 0 | 0.04 | |
| 10 | 2 | 0.06 | 0.04 | 0.01 | 0.01 | 0 | 0 | 0.03 | 0.08 | 0.05 | 0.01 | 0.11 | 0.05 | 0 | 0.04 | 0.07 | 0.03 | 0.01 | 0.98 | 0.87 | 0 | 0.03 | |
| 100 | 1 | 0.14 | 0.08 | 0 | 0.01 | 0.01 | 0 | 0.11 | 0.14 | 0.05 | 0 | 0.26 | 0.15 | 0 | 0.09 | 0.07 | 0.01 | 0 | 0.92 | 0.71 | 0 | 0.04 | |
| 60 | 1 | 0.1 | 0.06 | 0 | 0.01 | 0.02 | 0 | 0.06 | 0.09 | 0.03 | 0.01 | 0.22 | 0.14 | 0 | 0.04 | 0.05 | 0.02 | 0.01 | 0.74 | 0.47 | 0 | 0.03 | |
| 30 | 1 | 0.06 | 0.05 | 0 | 0.01 | 0 | 0.01 | 0.04 | 0.06 | 0.03 | 0.01 | 0.17 | 0.13 | 0 | 0.05 | 0.06 | 0.04 | 0.01 | 0.92 | 0.71 | 0 | 0.04 | |
| 10 | 1 | 0.04 | 0.03 | 0.01 | 0.03 | 0 | 0.02 | 0.03 | 0.06 | 0.03 | 0.03 | 0.15 | 0.08 | 0 | 0.04 | 0.05 | 0.02 | 0.01 | 0.74 | 0.47 | 0 | 0.03 | |
| 100 | 0 | 0.02 | 0.02 | 0.02 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.06 | 0.63 | 0.41 | 0.01 | 0.04 | 0.02 | 0.01 | 0.06 | 1 | 0.98 | 0.01 | 0.04 | |
| 60 | 0 | 0.02 | 0.01 | 0.02 | 0.06 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.05 | 0.48 | 0.32 | 0.01 | 0.04 | 0.02 | 0.01 | 0.07 | 0.97 | 0.87 | 0.01 | 0.05 | |
| 30 | 0 | 0.01 | 0.01 | 0.02 | 0.05 | 0.02 | 0.02 | 0.01 | 0.03 | 0.02 | 0.06 | 0.34 | 0.22 | 0.01 | 0.04 | 0.02 | 0.01 | 0.06 | 0.86 | 0.66 | 0.01 | 0.04 | |
| 10 | 0 | 0.02 | 0.01 | 0.02 | 0.03 | 0 | 0.02 | 0.02 | 0.05 | 0.04 | 0.04 | 0.28 | 0.09 | 0.02 | 0.04 | 0.05 | 0.04 | 0.06 | 0.57 | 0.28 | 0.02 | 0.04 | |
| k | grpEnv | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | |