

| | | $\tau = 0.0$ | | | | | | | $\tau = 0.2$ | | | | | | | $\tau = 0.4$ | | | | | | | $\delta = 0.8$ |
|-----|--------|--------------|-------|-------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|--------------|-------|-------|------|------|-------|-------|----------------|
| 100 | 2 | 0.02 | -0.02 | -0.05 | -0.01 | -0.02 | -0.01 | 0 | 0.02 | -0.06 | -0.08 | -0.01 | -0.02 | -0.07 | -0.01 | 0.03 | -0.13 | -0.2 | 0.04 | 0.03 | -0.27 | -0.05 | |
| 60 | 2 | 0.02 | -0.02 | -0.05 | -0.02 | -0.02 | -0.02 | 0 | 0.03 | -0.05 | -0.08 | -0.01 | -0.02 | -0.07 | -0.01 | 0.03 | -0.11 | -0.26 | 0.04 | 0.03 | -0.27 | -0.06 | |
| 30 | 2 | 0.02 | -0.01 | -0.05 | -0.01 | -0.02 | -0.02 | 0 | 0.02 | -0.03 | -0.09 | -0.01 | -0.02 | -0.08 | -0.01 | 0.03 | -0.07 | -0.32 | 0.04 | 0.02 | -0.29 | -0.06 | |
| 10 | 2 | 0.02 | 0 | -0.1 | -0.02 | -0.02 | -0.03 | 0 | 0.03 | -0.01 | -0.16 | -0.01 | -0.02 | -0.09 | -0.01 | 0.03 | -0.02 | -0.42 | 0.04 | 0.03 | -0.22 | -0.06 | |
| 100 | 1 | 0.01 | -0.02 | -0.05 | -0.01 | -0.02 | -0.01 | 0 | 0.02 | -0.06 | -0.07 | 0 | -0.01 | -0.06 | -0.01 | 0.02 | -0.12 | -0.18 | 0.07 | 0.05 | -0.18 | -0.05 | |
| 60 | 1 | 0.01 | -0.02 | -0.05 | -0.01 | -0.02 | -0.01 | 0 | 0.02 | -0.05 | -0.07 | 0 | -0.01 | -0.06 | -0.01 | 0.02 | -0.11 | -0.23 | 0.07 | 0.05 | -0.18 | -0.06 | |
| 30 | 1 | 0.01 | -0.01 | -0.05 | -0.01 | -0.02 | -0.02 | 0 | 0.02 | -0.03 | -0.08 | 0 | -0.01 | -0.06 | -0.01 | 0.02 | -0.06 | -0.28 | 0.06 | 0.04 | -0.2 | -0.06 | |
| 10 | 1 | 0.01 | -0.01 | -0.08 | -0.02 | -0.02 | -0.02 | 0 | 0.02 | -0.01 | -0.16 | -0.01 | -0.01 | -0.07 | -0.01 | 0.02 | -0.02 | -0.35 | 0.06 | 0.05 | -0.16 | -0.06 | |
| 100 | 0 | 0 | -0.02 | -0.02 | 0 | -0.01 | -0.01 | -0.01 | 0 | -0.04 | -0.04 | 0.03 | 0.02 | -0.01 | -0.01 | 0 | -0.08 | -0.09 | 0.12 | 0.11 | -0.03 | -0.04 | |
| 60 | 0 | 0 | -0.02 | -0.02 | 0 | -0.01 | -0.01 | -0.01 | 0 | -0.04 | -0.05 | 0.02 | 0.02 | -0.02 | -0.02 | 0 | -0.06 | -0.11 | 0.12 | 0.11 | -0.02 | -0.04 | |
| 30 | 0 | 0 | -0.02 | -0.02 | 0 | -0.01 | -0.01 | -0.01 | 0 | -0.03 | -0.04 | 0.03 | 0.02 | -0.01 | -0.01 | 0 | -0.05 | -0.17 | 0.12 | 0.11 | -0.03 | -0.05 | |
| 10 | 0 | 0 | -0.02 | -0.05 | 0 | -0.01 | -0.01 | 0 | 0 | -0.03 | -0.1 | 0.02 | 0.02 | -0.02 | -0.02 | 0 | -0.03 | -0.23 | 0.13 | 0.12 | -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 | $\delta = 0.5$ |
| 100 | 2 | 0.05 | 0 | -0.06 | -0.06 | -0.07 | -0.06 | 0.01 | 0.05 | -0.05 | -0.12 | -0.02 | -0.03 | -0.19 | -0.03 | 0.05 | -0.11 | -0.4 | 0.12 | 0.1 | -0.27 | -0.12 | |
| 60 | 2 | 0.05 | 0 | -0.07 | -0.07 | -0.07 | -0.07 | 0.01 | 0.05 | -0.05 | -0.17 | -0.02 | -0.03 | -0.19 | -0.03 | 0.05 | -0.11 | -0.41 | 0.11 | 0.1 | -0.27 | -0.12 | |
| 30 | 2 | 0.05 | 0 | -0.09 | -0.07 | -0.07 | -0.07 | 0.01 | 0.06 | -0.03 | -0.22 | -0.02 | -0.03 | -0.18 | -0.03 | 0.05 | -0.08 | -0.45 | 0.11 | 0.1 | -0.27 | -0.1 | |
| 10 | 2 | 0.06 | 0.02 | -0.19 | -0.09 | -0.08 | -0.1 | 0.01 | 0.06 | 0 | -0.28 | -0.03 | -0.03 | -0.16 | 0 | 0.05 | -0.02 | -0.52 | 0.1 | 0.1 | -0.25 | -0.06 | |
| 100 | 1 | 0.04 | -0.01 | -0.05 | -0.05 | -0.05 | -0.04 | 0.01 | 0.04 | -0.05 | -0.09 | 0.01 | 0 | -0.12 | -0.02 | 0.03 | -0.12 | -0.31 | 0.15 | 0.13 | -0.19 | -0.1 | |
| 60 | 1 | 0.04 | 0 | -0.05 | -0.05 | -0.05 | -0.04 | 0.01 | 0.04 | -0.05 | -0.11 | 0.01 | 0 | -0.12 | -0.03 | 0.03 | -0.1 | -0.34 | 0.15 | 0.13 | -0.19 | -0.11 | |
| 30 | 1 | 0.04 | 0 | -0.06 | -0.05 | -0.06 | -0.05 | 0 | 0.04 | -0.04 | -0.16 | 0.01 | 0 | -0.12 | -0.03 | 0.03 | -0.06 | -0.36 | 0.15 | 0.14 | -0.17 | -0.08 | |
| 10 | 1 | 0.05 | 0.01 | -0.15 | -0.07 | -0.07 | -0.07 | 0.01 | 0.04 | -0.01 | -0.24 | -0.01 | 0 | -0.12 | -0.01 | 0.03 | -0.03 | -0.42 | 0.13 | 0.13 | -0.17 | -0.05 | |
| 100 | 0 | 0 | -0.01 | -0.01 | 0 | 0 | -0.01 | 0 | 0 | -0.03 | -0.03 | 0.08 | 0.07 | -0.01 | -0.01 | 0 | -0.06 | -0.09 | 0.23 | 0.22 | -0.02 | -0.05 | |
| 60 | 0 | 0 | -0.01 | -0.01 | 0 | 0 | -0.01 | 0 | 0 | -0.03 | -0.03 | 0.08 | 0.07 | -0.01 | -0.02 | 0 | -0.05 | -0.12 | 0.23 | 0.22 | -0.02 | -0.06 | |
| 30 | 0 | 0 | -0.02 | -0.02 | 0 | -0.01 | -0.01 | -0.01 | 0 | -0.03 | -0.06 | 0.07 | 0.07 | -0.01 | -0.02 | 0 | -0.04 | -0.16 | 0.23 | 0.22 | -0.02 | -0.05 | |
| 10 | 0 | 0 | -0.01 | -0.06 | -0.01 | -0.01 | -0.01 | 0 | 0 | -0.02 | -0.1 | 0.07 | 0.07 | -0.01 | -0.01 | 0 | -0.03 | -0.18 | 0.23 | 0.23 | -0.02 | -0.03 | |
| k | grpEnv | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | $\delta = 0.2$ |
| 100 | 2 | 0.08 | 0.03 | -0.19 | -0.16 | -0.13 | -0.09 | 0.05 | 0.07 | -0.01 | -0.3 | -0.01 | -0.01 | -0.16 | 0.03 | 0.05 | -0.08 | -0.44 | 0.23 | 0.21 | -0.22 | -0.02 | |
| 60 | 2 | 0.08 | 0.04 | -0.19 | -0.15 | -0.11 | -0.09 | 0.06 | 0.06 | -0.01 | -0.31 | -0.01 | 0 | -0.16 | 0.03 | 0.05 | -0.06 | -0.44 | 0.22 | 0.21 | -0.22 | -0.01 | |
| 30 | 2 | 0.08 | 0.04 | -0.2 | -0.14 | -0.08 | -0.09 | 0.07 | 0.06 | 0 | -0.3 | -0.01 | 0.02 | -0.16 | 0.03 | 0.06 | -0.03 | -0.46 | 0.22 | 0.21 | -0.21 | -0.01 | |
| 10 | 2 | 0.09 | 0.05 | -0.23 | -0.11 | -0.02 | -0.09 | 0.07 | 0.07 | 0.02 | -0.35 | 0 | 0.08 | -0.14 | 0.04 | 0.05 | 0 | -0.53 | 0.2 | 0.24 | -0.21 | -0.01 | |
| 100 | 1 | 0.05 | 0.02 | -0.08 | -0.14 | -0.11 | -0.05 | 0.04 | 0.04 | -0.02 | -0.18 | 0.04 | 0.04 | -0.11 | 0.02 | 0.03 | -0.08 | -0.29 | 0.28 | 0.26 | -0.15 | -0.01 | |
| 60 | 1 | 0.05 | 0.02 | -0.1 | -0.13 | -0.09 | -0.06 | 0.04 | 0.04 | -0.02 | -0.19 | 0.03 | 0.04 | -0.11 | 0.02 | 0.03 | -0.06 | -0.3 | 0.26 | 0.25 | -0.15 | -0.01 | |
| 30 | 1 | 0.05 | 0.02 | -0.12 | -0.12 | -0.05 | -0.05 | 0.05 | 0.04 | 0 | -0.2 | 0.04 | 0.06 | -0.1 | 0.02 | 0.03 | -0.03 | -0.33 | 0.25 | 0.25 | -0.15 | -0.01 | |
| 10 | 1 | 0.05 | 0.03 | -0.14 | -0.08 | 0.01 | -0.05 | 0.05 | 0.04 | 0.01 | -0.25 | 0.05 | 0.13 | -0.1 | 0.02 | 0.03 | 0 | -0.4 | 0.26 | 0.29 | -0.14 | -0.01 | |
| 100 | 0 | 0 | -0.01 | -0.01 | -0.01 | 0 | 0 | 0 | 0 | -0.02 | -0.03 | 0.18 | 0.18 | 0 | 0 | 0 | -0.05 | -0.07 | 0.39 | 0.38 | -0.01 | 0 | |
| 60 | 0 | 0 | -0.01 | -0.02 | 0 | 0.01 | 0.01 | 0 | 0 | -0.02 | -0.04 | 0.17 | 0.17 | 0 | 0 | 0 | -0.04 | -0.08 | 0.39 | 0.38 | 0 | 0 | |
| 30 | 0 | 0 | -0.01 | -0.03 | 0 | 0.04 | 0.01 | 0 | 0 | -0.02 | -0.05 | 0.17 | 0.18 | 0 | 0 | 0 | -0.03 | -0.08 | 0.39 | 0.38 | -0.01 | 0 | |
| 10 | 0 | 0 | -0.01 | -0.03 | 0.01 | 0.1 | 0.02 | 0 | -0.01 | -0.03 | -0.07 | 0.16 | 0.21 | 0 | -0.01 | -0.01 | -0.03 | -0.12 | 0.36 | 0.39 | -0.01 | -0.01 | |
| k | grpEnv | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | $\delta = 0.0$ |
| 100 | 2 | 0.03 | 0.02 | -0.16 | 0.01 | 0.08 | -0.03 | 0.03 | 0.04 | 0.01 | -0.24 | 0.06 | 0.11 | -0.1 | 0.02 | 0.04 | -0.05 | -0.37 | 0.31 | 0.31 | -0.17 | -0.02 | |
| 60 | 2 | 0.03 | 0.02 | -0.16 | 0.02 | 0.11 | -0.03 | 0.02 | 0.04 | 0.01 | -0.24 | 0.08 | 0.14 | -0.09 | 0.02 | 0.04 | -0.03 | -0.38 | 0.31 | 0.31 | -0.17 | -0.01 | |
| 30 | 2 | 0.03 | 0.02 | -0.17 | 0.05 | 0.17 | -0.03 | 0.03 | 0.04 | 0.01 | -0.26 | 0.1 | 0.19 | -0.1 | 0.01 | 0.04 | 0 | -0.39 | 0.3 | 0.32 | -0.17 | -0.01 | |
| 10 | 2 | 0.04 | 0.02 | -0.19 | 0.09 | 0.26 | -0.03 | 0.03 | 0.04 | 0.02 | -0.29 | 0.15 | 0.29 | -0.08 | 0.02 | 0.04 | 0.01 | -0.42 | 0.3 | 0.39 | -0.16 | -0.01 | |
| 100 | 1 | 0.02 | 0.01 | -0.07 | 0.03 | 0.12 | -0.02 | 0.02 | 0.03 | 0 | -0.13 | 0.1 | 0.15 | -0.07 | 0.01 | 0.02 | -0.04 | -0.22 | 0.36 | 0.36 | -0.12 | -0.01 | |
| 60 | 1 | 0.02 | 0.01 | -0.07 | 0.04 | 0.17 | -0.02 | 0.02 | 0.02 | 0 | -0.13 | 0.12 | 0.18 | -0.06 | 0.01 | 0.03 | -0.03 | -0.23 | 0.36 | 0.36 | -0.11 | -0.01 | |
| 30 | 1 | 0.02 | 0.01 | -0.08 | 0.06 | 0.23 | -0.02 | 0.02 | 0.02 | 0 | -0.13 | 0.14 | 0.23 | -0.06 | 0.01 | 0.03 | -0.01 | -0.24 | 0.35 | 0.37 | -0.11 | -0.01 | |
| 10 | 1 | 0.02 | 0.01 | -0.09 | 0.12 | 0.31 | -0.02 | 0.02 | 0.03 | 0.01 | -0.16 | 0.19 | 0.32 | -0.05 | 0.01 | 0.03 | 0 | -0.27 | 0.37 | 0.45 | -0.1 | 0 | |
| 100 | 0 | 0 | -0.01 | 0 | 0.13 | 0.25 | 0 | 0 | 0 | -0.02 | -0.01 | 0.26 | 0.29 | 0 | 0 | 0 | -0.04 | -0.03 | 0.5 | 0.49 | 0 | 0 | |
| 60 | 0 | 0 | -0.01 | -0.01 | 0.15 | 0.31 | 0 | 0 | 0 | -0.02 | -0.01 | 0.27 | 0.31 | 0 | 0 | 0 | -0.04 | -0.02 | 0.5 | 0.5 | 0 | 0 | |
| 30 | 0 | 0 | -0.01 | -0.01 | 0.17 | 0.35 | 0 | 0 | 0 | -0.02 | -0.02 | 0.26 | 0.35 | 0 | 0 | 0 | -0.03 | -0.01 | 0.5 | 0.51 | 0 | 0 | |
| 10 | 0 | 0 | -0.02 | -0.02 | 0.15 | 0.31 | 0 | 0 | 0.01 | -0.01 | -0.02 | 0.3 | 0.4 | 0.02 | 0.01 | 0 | -0.02 | -0.07 | 0.49 | 0.54 | 0.01 | 0 | |
| k | grpEnv | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | RE | TF | PP | PC | PU | 3P | WA | |