| **Network measure** | **True effect** | **Model** | **Group capture probability** | **Detection rate** |
| --- | --- | --- | --- | --- |
| Strength | 0.4 | M1 | 0.25 | 0.36 |
| Strength | 0.4 | M1 | 0.50 | 0.75 |
| Strength | 0.4 | M1 | 0.75 | 0.88 |
| Strength | 0.4 | M2 | 0.25 | 0.26 |
| Strength | 0.4 | M2 | 0.50 | 0.72 |
| Strength | 0.4 | M2 | 0.75 | 0.89 |
| Strength | 0.4 | M3 | 0.25 | 0.74 |
| Strength | 0.4 | M3 | 0.50 | 0.98 |
| Strength | 0.4 | M3 | 0.75 | 0.99 |
| Strength | 0.4 | M4 | 0.25 | 0.68 |
| Strength | 0.4 | M4 | 0.50 | 0.98 |
| Strength | 0.4 | M4 | 0.75 | 0.99 |
| Betweenness | 0.4 | M1 | 0.25 | 0.10 |
| Betweenness | 0.4 | M1 | 0.50 | 0.26 |
| Betweenness | 0.4 | M1 | 0.75 | 0.63 |
| Betweenness | 0.4 | M2 | 0.25 | 0.11 |
| Betweenness | 0.4 | M2 | 0.50 | 0.25 |
| Betweenness | 0.4 | M2 | 0.75 | 0.64 |
| Betweenness | 0.4 | M3 | 0.25 | 0.71 |
| Betweenness | 0.4 | M3 | 0.50 | 0.94 |
| Betweenness | 0.4 | M3 | 0.75 | 0.99 |
| Betweenness | 0.4 | M4 | 0.25 | 0.65 |
| Betweenness | 0.4 | M4 | 0.50 | 0.94 |
| Betweenness | 0.4 | M4 | 0.75 | 0.99 |
| Strength | 0.8 | M1 | 0.25 | 0.75 |
| Strength | 0.8 | M1 | 0.50 | 0.99 |
| Strength | 0.8 | M1 | 0.75 | 1.00 |
| Strength | 0.8 | M2 | 0.25 | 0.69 |
| Strength | 0.8 | M2 | 0.50 | 0.99 |
| Strength | 0.8 | M2 | 0.75 | 1.00 |
| Strength | 0.8 | M3 | 0.25 | 0.99 |
| Strength | 0.8 | M3 | 0.50 | 1.00 |
| Strength | 0.8 | M3 | 0.75 | 1.00 |
| Strength | 0.8 | M4 | 0.25 | 0.99 |
| Strength | 0.8 | M4 | 0.50 | 1.00 |
| Strength | 0.8 | M4 | 0.75 | 1.00 |
| Betweenness | 0.8 | M1 | 0.25 | 0.16 |
| Betweenness | 0.8 | M1 | 0.50 | 0.70 |
| Betweenness | 0.8 | M1 | 0.75 | 0.99 |
| Betweenness | 0.8 | M2 | 0.25 | 0.18 |
| Betweenness | 0.8 | M2 | 0.50 | 0.68 |
| Betweenness | 0.8 | M2 | 0.75 | 0.99 |
| Betweenness | 0.8 | M3 | 0.25 | 1.00 |
| Betweenness | 0.8 | M3 | 0.50 | 1.00 |
| Betweenness | 0.8 | M3 | 0.75 | 1.00 |
| Betweenness | 0.8 | M4 | 0.25 | 0.98 |
| Betweenness | 0.8 | M4 | 0.50 | 1.00 |
| Betweenness | 0.8 | M4 | 0.75 | 1.00 |