| **Network measure** | **Social structure** | **Sampling design** | **Within-group detection probability** | **Detection rate** |
| --- | --- | --- | --- | --- |
| Strength | Communities | 0.1 | 0.50 | 0.00 |
| Strength | No communities | 0.1 | 0.50 | 0.05 |
| Strength | Communities | 0.2 | 0.50 | 0.10 |
| Strength | No communities | 0.2 | 0.50 | 0.10 |
| Strength | Communities | 0.4 | 0.50 | 0.10 |
| Strength | No communities | 0.4 | 0.50 | 0.05 |
| Strength | Communities | 1.0 | 0.50 | 0.05 |
| Strength | No communities | 1.0 | 0.50 | 0.10 |
| Betweenness | Communities | 0.1 | 0.50 | 0.00 |
| Betweenness | No communities | 0.1 | 0.50 | 0.05 |
| Betweenness | Communities | 0.2 | 0.50 | 0.05 |
| Betweenness | No communities | 0.2 | 0.50 | 0.00 |
| Betweenness | Communities | 0.4 | 0.50 | 0.10 |
| Betweenness | No communities | 0.4 | 0.50 | 0.05 |
| Betweenness | Communities | 1.0 | 0.50 | 0.10 |
| Betweenness | No communities | 1.0 | 0.50 | 0.10 |
| Strength | Communities | 0.1 | 0.75 | 0.05 |
| Strength | No communities | 0.1 | 0.75 | 0.10 |
| Strength | Communities | 0.2 | 0.75 | 0.00 |
| Strength | No communities | 0.2 | 0.75 | 0.05 |
| Strength | Communities | 0.4 | 0.75 | 0.10 |
| Strength | No communities | 0.4 | 0.75 | 0.10 |
| Strength | Communities | 1.0 | 0.75 | 0.05 |
| Strength | No communities | 1.0 | 0.75 | 0.20 |
| Betweenness | Communities | 0.1 | 0.75 | 0.10 |
| Betweenness | No communities | 0.1 | 0.75 | 0.10 |
| Betweenness | Communities | 0.2 | 0.75 | 0.05 |
| Betweenness | No communities | 0.2 | 0.75 | 0.10 |
| Betweenness | Communities | 0.4 | 0.75 | 0.05 |
| Betweenness | No communities | 0.4 | 0.75 | 0.05 |
| Betweenness | Communities | 1.0 | 0.75 | 0.10 |
| Betweenness | No communities | 1.0 | 0.75 | 0.05 |
| Strength | Communities | 0.1 | 1.00 | 0.00 |
| Strength | No communities | 0.1 | 1.00 | 0.00 |
| Strength | Communities | 0.2 | 1.00 | 0.00 |
| Strength | No communities | 0.2 | 1.00 | 0.05 |
| Strength | Communities | 0.4 | 1.00 | 0.05 |
| Strength | No communities | 0.4 | 1.00 | 0.00 |
| Strength | Communities | 1.0 | 1.00 | 0.00 |
| Strength | No communities | 1.0 | 1.00 | 0.00 |
| Betweenness | Communities | 0.1 | 1.00 | 0.00 |
| Betweenness | No communities | 0.1 | 1.00 | 0.00 |
| Betweenness | Communities | 0.2 | 1.00 | 0.00 |
| Betweenness | No communities | 0.2 | 1.00 | 0.05 |
| Betweenness | Communities | 0.4 | 1.00 | 0.15 |
| Betweenness | No communities | 0.4 | 1.00 | 0.00 |
| Betweenness | Communities | 1.0 | 1.00 | 0.05 |
| Betweenness | No communities | 1.0 | 1.00 | 0.25 |