

| Entity-adoption Construct       | Probability Setting |                      |                   |                      |
|---------------------------------|---------------------|----------------------|-------------------|----------------------|
|                                 | Static              |                      | Discrete-Time     |                      |
|                                 | Micro- <i>ROC</i>   | Macro- <i>ROC</i>    | Micro- <i>ROC</i> | Macro- <i>ROC</i>    |
| Entity-propagations ( $p_u^E$ ) | 0.730               | 0.713( $\pm 0.095$ ) | 0.730             | 0.714( $\pm 0.096$ ) |
| Interactions-based ( $p_u^I$ )  | 0.755               | 0.710( $\pm 0.095$ ) | 0.666             | 0.644( $\pm 0.091$ ) |
| Community-homophily ( $p_u^C$ ) | 0.715               | 0.740( $\pm 0.147$ ) | 0.643             | 0.631( $\pm 0.085$ ) |