|  | **Control only**  **(Model 1)** | **Structural only**  **(Model 2)** | **Homophily**  **(Model 3)** | **Final I**  **(Modified)** | **Final II**  **(Modified II)** | |
| --- | --- | --- | --- | --- | --- | --- |
| ***Motivation and Homophily*** |  |  |  |  |  | |
| Consistency (in-ties) |  |  | .0023 | .0078 | .0084 | |
|  |  |  | [-.0578; .0956] | [-.0324; .0676] | [-.0291; .0565] | |
| **Consistency (out-ties)** |  |  | **-.0427\*** | **-.0263\*** | **-.0393\*** | |
|  |  |  | [-.0796; -.0254] | [-.0384; -.0074] | [-.0495; -.0106] | |
| Understanding (in-ties) |  |  | -.0232 | -.0320 | -.0308 | |
|  |  |  | [-.0817; .0423] | [-.0925; .0331] | [-.0835; .0369] | |
| **Understanding (out-ties)** |  |  | **.0560\*** | **.0283\*** | **.0400\*** | |
|  |  |  | [.0212; .1199] | [.0128; .0497] | [.0175; .0806] | |
| Hedonic (in-ties) |  |  | .0071 | .0145 | .0109 | |
|  |  |  | [-.0341; .0338] | [-.0153; .0326] | [-.0277; .0322] | |
| Hedonic (out-ties) |  |  | .0283 | .0113 | .0076 | |
|  |  |  | [-.0076; .0635] | [-.0372; .0384] | [-.0146; .0239] | |
| Candidate preference (in-ties) |  |  | .0005 | .0005 | .0034 | |
|  |  |  | [-.0589; .1161] | [-.0478; .0680] | [-.0525; .0697] | |
| Candidate preference (out-ties) |  |  | -.0327 | -.0205 | -.0638 | |
|  |  |  | [-.1305; .1030] | [-.0933; .0996] | [-.1609; .0549] | |
| **Homophily, candidate preference** |  |  | -.0367 | -.0369 | -.0390 | |
|  |  |  | [-.0746; .0461] | [-.0808; .0449] | [-.0825; .0446] | |
| **Homophily, policy preference** |  |  | -.0162 | -.0542 | .0202 | |
|  |  |  | [-.2097; .0967] | [-.2038; .0830] | [-.2007; .1769] | |
| **Homophily, evaluative criteria** |  |  | .0719 | .0959 | .1072 | |
|  |  |  | [-.0573; .1386] | [-.0948; .1942] | [-.0873; .2109] | |
| ***Controls*** |  |  |  |  |  | |
| **Edges (Intercept)** | **-7.214\*** | **-8.855\*** | **-9.040\*** | **-9.058\*** | **-7.631\*** | |
|  | [-9.225; -5.661] | [-9.585; -8.357] | [-9.738; -8.450] | [-9.599; -8.421] | [-8.583; -6.598] | |
| Age (in-ties) | **.1155\*** | .0172 | .0135 | .0111 | .0099 | |
|  | [.0052; .2108] | [-.0057; .0400] | [-.0066; .0307] | [-.0153; .0238] | [-.0182; .0230] | |
| Age (out-ties) | .2694 | **-.0255\*\*** | -.0235 | -.0433 | -.0547 | |
|  | [-.0412; .4504] | [-.0455; -.0170] | [-.0743; .0087] | [-.0778; .0133] | [-.0728; .0019] | |
| Female (in-ties) | **-.2099\*** | .0353 | .**0367\*** | .0392 | **.0372\*** | |
|  | [-.3214; -.1877] | [-.0030; .0577] | [.0278; .0557] | [-.0050; .0564] | [.0098; .0455] | |
| Female (out-ties) | **-.2309\*** | **.0280\*** | .0155 | .0167 | -.0268 | |
|  | [-.5062; -.1486] | [.0280; .0738] | [-.0043; .0707] | [-.0150; .0838] | [-.1096; .1013] | |
| **Gender homophily** | .0108 | **.0644\*** | **.0626\*** | **.0671\*** | **.0630\*** | |
|  | [-.0308; .0367] | [.0396; .0739] | [.0354; .0753] | [.0448; .0800] | [.0420; .0797] | |
| Edu (in-ties) | **-.1358\*** | -.0029 | -.0036 | -.0048 | -.0010 | |
|  | [-.2104; -.0800] | [-.0049; .0038] | [-.0087; .0072] | [-.0145; .0241] | [-.0113; .0120] | |
| **Edu (out-ties)** | -.1244 | .0036 | .0011 | .0077 | **.0333\*** | |
|  | [-.2530; .0538] | [-.0223; .0182] | [-.0185; .0093] | [-.0137; .0077] | [.0016; .0449] | |
| **Talk freq (in-ties)** | .0644 | **.0609\*** | **.0615\*** | **.0560\*** | **.0596\*** | |
|  | [-.1672; .2748] | [.0148; .0707] | [.0056; .0748] | [.0070; .0701] | [.0086; .0726] | |
| **Talk freq (out-ties)** | .0111 | -.0075 | -.0073 | **-.0130\*** | **-.0163\*** | |
|  | [-.4397; .4259] | [-.0702; .0074] | [-.0702; .0031] | [-.0506; -.0117] | [-.0510; -.0103] | |
| Media use (in-ties) | -.0589 | -.0140 | -.0127 | -.0119 | -.0188 | |
|  | [-.1087; .5098] | [-.0216; .0753] | [-.0198; .0861] | [-.0178; .0801] | [-.0235; .0714] | |
| **Media use (out-ties)** | -.0728 | .0174 | .0157 | .0104 | **-.0086\*** | |
|  | [-.1085; .6025] | [-.0616; .0317] | [-.0451; .0300] | [-.1243; .0288] | [-.1022; -.0005] | |
| Internal efficacy | **.0759\*** | .0007 | .0083 | .0055 | -.0014 | |
|  | [.0109; .1508] | [-.0186; .0347] | [-.0082; .0414] | [-.0030; .0323] | [-.0014; .0121] | |
| External efficacy | **.2906\*** | .0099 | **.0094\*** | **.0200\*** | .0052 | |
|  | [.1636; .4411] | [-.0011; .0386] | [.0007; .0365] | [.0010; .0430] | [-.0195; .0291] | |
| **Regional origin Seoul (in-ties)** | **-.2753\*** | **-.0759\*** | **-.0806\*** | **-.0323\*** | **-.0387\*** | |
|  | [-.3292; -.1743] | [-.1054; -.0526] | [-.1120; -.0744] | [-.0860; -.0110] | [-.0900; -.0161] | |
| Regional origin PK (in-ties) | .2955\* | .0523 | .0485 |  |  | |
|  | [.0347; .5506] | [-.0420; .1079] | [-.0752; .1039] |  |  | |
| Regional origin TK (in-ties) | .5350\* | .0592 | .0521 |  |  | |
|  | [.4710; .7407] | [-.1640; .0944] | [-.1588; .0882] |  |  | |
| Regional origin Honam (in-ties) | -.3501\* | -.0290 | -.0237 |  |  | |
|  | [-.8419; -.0785] | [-.1270; .0658] | [-.2168; .1856] |  |  | |
| Regional origin Seoul (out-ties) | .1077 | .0317 | .0419 | .0220 | .0801\* | |
|  | [-.0313; .3694] | [-.0544; .0749] | [-.0614; .0879] | [-.0023; .0422] | [.0102; .1099] | |
| Regional origin PK (out-ties) | .8099\* | .1262 | .1519 |  |  | |
|  | [.5260; 1.0410] | [-.0304; .1505] | [-.0394; .1911] |  |  | |
| Regional origin TK (out-ties) | .5660\* | .0280 | .0358 |  |  | |
|  | [.1984; 1.0274] | [-.2110; .1466] | [-.1842; .1492] |  |  | |
| Regional origin Honam (out-ties) | -.6878\* | -.0069 | -.0576 |  |  | |
|  | [-1.358; -.2247] | [-.0753; .1118] | [-.2926; .1006] |  |  | |
| **Regional homophily (Seoul)** | -.0195 | **.1049\*** | **.1069\*** | **.0432\*** | **.0458\*** | |
|  | [-.0723; .0775] | [.0980; .1201] | [.0988; .1270] | [.0393; .0504] | [.0382; .0532] | |
| Regional homophily (PK) | -.0954 | -.0248 | -.0315 |  |  | |
|  | [-.1400; .0334] | [-.1893; .1402] | [-.1877; .1324] |  |  | |
| Regional homophily (TK) | -.**2985\*** | -.2583 | **-.2683\*** |  |  | |
|  | [-.5341; -.1368] | [-.4342; .0245] | [-.4447; -.0017] |  |  | |
| Regional homophily (Honam) | -.0870 | .0672 | .0715 |  |  | |
|  | [-.6273; .0892] | [-.2921; .2233] | [-.3036; .2413] |  |  | |
| ***Lagged structural effect*** |  |  |  |  |  | |
| **Previous communication** |  | **.2111\*** | **.2093\*** | **.1966\*** | **.1752\*** | |
|  |  | [.1633; .2667] | [.1612; .2630] | [.0916; .2743] | [.0842; .2681] | |
| **Delayed reciprocity** |  | .1744 | .1725 | .1626 | **.1865\*** | |
|  |  | [-.0037; .3380] | [-.0141; .3439] | [-.0205; .3538] | [.0182; .3822] | |
| **Delayed transitivity** |  | **.0180\*** | **.0194\*** | **.0177\*** | **.0261\*** | |
|  |  | [.0097; .0285] | [.0104; .0323] | [.0160; .0257] | [.0232; .0372] | |
| **Delayed cyclic closure** |  | **-.0255\*** | **-.0256\*** | **-.0151\*** | -.0138 | |
|  |  | [-.0359; -.0097] | [-.0368; -.0078] | [-.0329; -.0065] | [-.0308; .0032] | |
| Persistent sender (out-tie) |  | -.0008 | -.0006 |  |  | |
|  |  | [-.0019; .0044] | [-.0017; .0045] |  |  | |
| Persistent receiver (in-ties) |  | .0000 | -.0001 |  |  | |
|  |  | [-.0052; .0035] | [-.0053; .0035] |  |  | |
| ***Endogenous structural effects*** |  |  |  |  |  | |
| **Source nodes (out-ties)** |  | **.4738\*** | **.4658\*** | **.4647\*** | **.2033\*** | |
|  |  | [.3750; .8511] | [.3767; .8515] | [.4098; .8371] | [.1381; .5607] | |
| **Sink nodes (in-ties)** |  | **.4106\*** | **.4069\*** | **.4283\*** | **.4027\*** | |
|  |  | [.3478; .4601] | [.3569; .4775] | [.4020; .4831] | [.3649; .4596] | |
| Isolates |  | .3204 | .3296 | .2871 | .0908 | |
|  |  | [-.1401; .4904] | [-.1419; .4741] | [-.0478; .3648] | [-.3904; .1878] | |
| **reciprocity** |  | **.8063\*** | **.8116\*** | **.8328\*** | **.8817\*** | |
|  |  | [.5712; .9753] | [.5852; 1.0031] | [.5917; .9825] | [.6431; 1.0139] | |
| GWESP (out-two path) |  | .1059 | .1065 |  |  | |
|  |  | [-.0443; .2145] | [-.0484; .2224] |  |  | |
| **GWESP (in-two path)** |  | **-.1460\*** | **-.1466\*** | **-.0894\*** | **-.0819\*** | |
|  |  | [-.2274; -.1099] | [-.2353; -.1140] | [-.1150; -.0743] | [-.1105; -.0626] | |
| **GWESP (out-shared partner)** |  | **.3000\*** | **.3006\*** | **.2701\*** | **.2854\*** | |
|  |  | [.2738; .3932] | [.2768; .4038] | [.2651; .3377] | [.2573; .3616] | |
| **GWESP (in-shared partner)** |  | **.0971\*** | **.0966\*** | **.0938\*** | **.0844\*** | |
|  |  | [.0617; .2479] | [.0618; .2516] | [.0567; .2202] | [.0490; .2599] | |
| **GWDSP (in-two path)** |  | **-.0045\*** | **-.0043\*** | **-.0029** | **-.0044\*** | |
|  |  | [-.0068; -.0032] | [-.0065; -.0024] | [-.0069; .0001] | [-.0086; -.0016] | |
| GWDSP (out-shared partner) |  | -.0045 | -.0044 | -.0146\* | -.0031 | |
|  |  | [-.0194; .0079] | [-.0193; .0087] | [-.0209; -.0058] | [-.0077; .0007] | |
| GWDSP (in-shared partner) |  | -.0036 | -.0036 | -.0065\* | -.0073\* | |
|  |  | [-.0107; .0021] | [-.0115; .0022] | [-.0178; -.0026] | [-.0165; -.0038] | |
| **Popularity based on indegree** |  | **.5732\*** | **.5717\*** | **.6738\*** | **.4479\*** | |
|  |  | [.3659; .7576] | [.3502; .7530] | [.4930; .8057] | [.3725; .5634] | |
| **Popularity based on outdegree** |  | **.3660\*** | **.3640\*** | **.4039\*** | **.4374\*** | |
|  |  | [.3058; .4395] | [.3055; .4334] | [.3577; .5039] | [.4234; .5056] | |
| **GW-outdegree** |  | **-2.2112\*** | **-2.1918\*** | **-2.3162\*** | **-2.6576\*** | |
|  |  | [-2.631; -1.670] | [-2.624; -1.717] | [-3.038; -1.784] | [-3.456; -2.041] | |
| **GW-indegree** |  |  |  |  | **-1.5960\*** | |
|  |  |  |  |  | [-3.1107; -.4556] | |
| Number of observations | 291091 | 291096 | 291096 | 291096 | 291096 | |
| \*: 95% confidence intervals based on 1000 replications. | | | | | |