

## 附表

| 附表 1                                 |                      | 全样本回归                 |                      |                     |
|--------------------------------------|----------------------|-----------------------|----------------------|---------------------|
| 变量                                   | (1) W1               | (2) W2                | (3) W3               | (4) W4              |
| <i>L.Cogg</i>                        | 0.831***<br>(0.047)  | 0.830***<br>(0.048)   | 0.819***<br>(0.043)  | 0.825***<br>(0.041) |
| <i>NET</i>                           | 2.139**<br>(0.425)   | 1.851***<br>(0.432)   | 1.946**<br>(0.411)   | 1.912***<br>(0.413) |
| <i>NET</i> <sup>2</sup>              | -2.187***<br>(0.722) | -1.816**<br>(0.741)   | -2.048***<br>(0.686) | -1.881**<br>(0.682) |
| <i>ER</i>                            | 0.053*<br>(0.015)    | 0.055*<br>(0.014)     | 0.049**<br>(0.015)   | 0.051*<br>(0.017)   |
| <i>Labor</i>                         | 1.203***<br>(0.038)  | 1.193***<br>(0.043)   | 1.233***<br>(0.035)  | 1.199***<br>(0.038) |
| <i>Open</i>                          | 0.015**<br>(0.010)   | 0.013**<br>(0.009)    | 0.015<br>(0.009)     | 0.003<br>(0.008)    |
| <i>Gov</i>                           | -0.078*<br>(0.053)   | -0.087**<br>(0.053)   | -0.099<br>(0.075)    | -0.091<br>(0.074)   |
| <i>Trans</i>                         | 0.018*<br>(0.012)    | 0.015**<br>(0.010)    | 0.014*<br>(0.015)    | 0.015*<br>(0.014)   |
| <i>w<sub>x</sub>L.Cogg</i>           | 0.169*<br>(0.228)    | 0.153*<br>(0.263)     | 0.154***<br>(0.252)  | 0.147**<br>(0.232)  |
| <i>w<sub>x</sub>NET</i>              | 8.825***<br>(3.501)  | 7.423***<br>(4.082)   | 8.292**<br>(3.820)   | 8.122**<br>(3.751)  |
| <i>w<sub>x</sub>NET</i> <sup>2</sup> | -12.362**<br>(5.023) | -10.567***<br>(5.831) | -11.058*<br>(4.011)  | -10.734*<br>(4.012) |
| Spatial rho                          | 1.464***<br>(0.218)  | 1.363***<br>(0.219)   | 0.405***<br>(0.105)  | 1.421***<br>(0.099) |
| Sigma2_e                             | 0.001***<br>(0.009)  | 0.001***<br>(0.010)   | 0.001***<br>(0.001)  | 0.001***<br>(0.000) |
| Obs                                  | 3058                 | 3058                  | 3058                 | 3058                |
| 第一阶段回归结果                             |                      |                       |                      |                     |
| <i>Slope</i>                         | 1.72e-05***          | 1.72e-05***           | 1.72e-05***          | 1.72e-05***         |
| F                                    | 43.655***            | 43.655***             | 43.655***            | 43.655***           |
| P                                    | 0.000                | 0.000                 | 0.000                | 0.000               |

注：\*、\*\*、\*\*\*依次为变量在 10%、5%和 1%水平上显著，括号内为标准误，全文同。

附表 2 高端产业协同集聚与低端产业协同集聚

| 变量            | 高端生产性服务-制造业协同集聚     |                     |                    |                    | 低端生产性服务业-制造业协同集聚  |                    |                     |                     |
|---------------|---------------------|---------------------|--------------------|--------------------|-------------------|--------------------|---------------------|---------------------|
|               | (1) W1              | (2) W2              | (3) W3             | (4) W4             | (5) W1            | (6) W2             | (7) W3              | (8) W4              |
| <i>L.Cogg</i> | 1.231***<br>(0.042) | 1.134***<br>(0.041) | 1.139**<br>(0.038) | 1.141**<br>(0.040) | 0.802*<br>(0.220) | 0.803**<br>(0.217) | 0.749***<br>(0.241) | 0.752***<br>(0.243) |
| <i>NET</i>    | 1.138***            | 1.142*              | 1.177**            | 1.180***           | 0.787*            | 0.785*             | 0.742***            | 0.749*              |

|                                      |           |           |           |           |          |           |          |          |
|--------------------------------------|-----------|-----------|-----------|-----------|----------|-----------|----------|----------|
|                                      | (0.444)   | (0.446)   | (0.459)   | (0.462)   | (0.553)  | (0.541)   | (0.601)  | (0.603)  |
| <i>NET</i> <sup>2</sup>              | -0.941*** | -0.939**  | -0.925*** | -0.919**  | -0.542** | -0.543*** | -0.541*  | -0.538   |
|                                      | (0.720)   | (0.723)   | (0.701)   | (0.703)   | (0.620)  | (0.625)   | (0.640)  | (0.636)  |
| <i>ER</i>                            | 0.357**   | 0.319**   | 0.313*    | 0.330***  | 0.343    | 0.457*    | 0.415*   | 0.417**  |
|                                      | (0.067)   | (0.073)   | (0.064)   | (0.061)   | (0.044)  | (0.043)   | (0.053)  | (0.056)  |
| <i>Labor</i>                         | 0.773***  | 0.717***  | 0.755***  | 0.739***  | 3.037**  | 3.035*    | 3.009*   | 3.014    |
|                                      | (0.017)   | (0.019)   | (0.030)   | (0.036)   | (0.119)  | (0.121)   | (0.130)  | (0.139)  |
| <i>Open</i>                          | 3.179*    | 3.004**   | 3.054     | 3.776*    | -3.137   | -3.436    | -3.457*  | -3.601   |
|                                      | (0.010)   | (0.009)   | (0.009)   | (0.011)   | (0.003)  | (0.001)   | (0.003)  | (0.004)  |
| <i>Gov</i>                           | 0.760     | 0.765     | 0.777     | 0.713     | -0.915*  | -0.934*** | -0.931   | -0.919** |
|                                      | (0.067)   | (0.063)   | (0.079)   | (0.070)   | (0.017)  | (0.015)   | (0.016)  | (0.017)  |
| <i>Trans</i>                         | 2.556**   | 2.637***  | 3.490***  | 3.336***  | 2.737*   | 2.743*    | 2.757**  | 2.759*** |
|                                      | (0.023)   | (0.023)   | (0.023)   | (0.020)   | (0.032)  | (0.030)   | (0.036)  | (0.033)  |
| <i>w<sub>x</sub>L.Cogg</i>           | 11.182**  | 10.169*** | 11.384**  | 11.391*** | 2.388    | 2.391     | 2.423**  | 2.398*   |
|                                      | (0.016)   | (0.017)   | (0.032)   | (0.034)   | (0.127)  | (0.129)   | (0.130)  | (0.133)  |
| <i>w<sub>x</sub>NET</i>              | 1.317***  | 1.314*    | 1.423***  | 1.425***  | 0.265*   | 0.271     | 0.272    | 0.280    |
|                                      | (0.002)   | (0.004)   | (0.019)   | (0.017)   | (0.013)  | (0.010)   | (0.013)  | (0.012)  |
| <i>w<sub>x</sub>NET</i> <sup>2</sup> | -2.026*** | -2.027*   | -2.113*** | -2.116*** | -0.890** | -0.876    | -0.713   | -0.722   |
|                                      | (7.127)   | (7.120)   | (7.082)   | (7.079)   | (5.322)  | (4.973)   | (4.341)  | (5.109)  |
| <i>Spatial rho</i>                   | 1.149***  | 1.143***  | 1.123***  | 1.135***  | 0.847*** | 0.851***  | 0.825*** | 0.826*   |
|                                      | (0.220)   | (0.221)   | (0.201)   | (0.202)   | (0.097)  | (0.099)   | (0.104)  | (0.106)  |
| <i>Sigma2_e</i>                      | 0.001***  | 0.001***  | 0.001***  | 0.001***  | 0.001*** | 0.001***  | 0.001*** | 0.001*** |
|                                      | (0.000)   | (0.001)   | (0.000)   | (0.001)   | (0.000)  | (0.000)   | (0.000)  | (0.000)  |
| <i>Obs</i>                           | 3058      | 3058      | 3058      | 3058      | 3058     | 3058      | 3058     | 3058     |

附表3 区分城市规模的检验

| 变量                      | 特大型城市    |          | 大型城市      |          | 中型城市      |           | 小型城市     |          |
|-------------------------|----------|----------|-----------|----------|-----------|-----------|----------|----------|
|                         | (1) W1   | (2) W2   | (3) W1    | (4) W2   | (5) W1    | (6) W2    | (7) W1   | (8) W2   |
| <i>L.Cogg</i>           | 2.322*** | 2.195*** | 1.261***  | 1.309*** | 0.951***  | 0.945***  | 0.693*** | 0.670*** |
|                         | (0.315)  | (0.321)  | (0.004)   | (0.003)  | (0.018)   | (0.020)   | (0.017)  | (0.018)  |
| <i>NET</i>              | -3.674*  | -3.559*  | 1.326***  | 1.375*** | 1.089***  | 1.093**   | 0.503*   | 0.522**  |
|                         | (0.051)  | (0.056)  | (0.118)   | (0.120)  | (0.252)   | (0.256)   | (0.490)  | (0.486)  |
| <i>NET</i> <sup>2</sup> | -2.838** | -2.780*  | -0.882*** | -1.083** | -0.551*** | -0.552*** | -1.377** | -1.383   |
|                         | (0.023)  | (0.022)  | (0.288)   | (0.235)  | (0.183)   | (0.153)   | (0.103)  | (0.151)  |
| <i>ER</i>               | 0.422*   | 0.428*   | 0.243***  | 0.262*** | 0.222**   | 0.229***  | 0.284    | 0.288    |
|                         | (0.003)  | (0.004)  | (0.369)   | (0.389)  | (0.429)   | (0.462)   | (0.239)  | (0.243)  |
| <i>Labor</i>            | 2.673*   | 2.846**  | 0.900     | 0.868*** | 2.420***  | 2.373***  | 2.382    | 2.386    |
|                         | (0.029)  | (0.028)  | (0.008)   | (0.022)  | (0.204)   | (0.098)   | (0.022)  | (0.034)  |
| <i>Open</i>             | 2.862**  | 2.212*** | 3.638*    | 3.247*   | 6.077**   | 6.343*    | 2.003    | 2.202    |
|                         | (0.034)  | (0.037)  | (2.428)   | (2.479)  | (0.344)   | (0.329)   | (0.233)  | (0.242)  |
| <i>Gov</i>              | 0.642*   | 0.643*   | 0.299**   | 0.286*   | 2.072**   | 2.644***  | 0.633    | 0.636    |
|                         | (0.044)  | (0.048)  | (0.442)   | (0.428)  | (0.226)   | (0.227)   | (0.384)  | (0.392)  |
| <i>Trans</i>            | 2.663**  | 2.974*** | 2.676***  | 2.632*** | 2.334*    | -2.494**  | 2.209    | 2.222    |

|                   |           |           |           |           |           |           |          |          |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
|                   | (0.272)   | (0.287)   | (0.434)   | (0.477)   | (0.092)   | (0.103)   | (0.260)  | (0.268)  |
| $w \times L.Cogg$ | 18.155*** | 17.875*** | 12.803*** | 13.018*** | 10.533*** | 11.335*** | 1.187*   | 1.522    |
|                   | (0.035)   | (0.038)   | (0.353)   | (0.308)   | (0.232)   | (0.235)   | (0.113)  | (0.115)  |
| $w \times NET$    | 3.538**   | 3.058**   | 1.027*    | 1.050     | 0.320**   | 0.335*    | 0.180    | 0.185    |
|                   | (1.317)   | (1.178)   | (3.113)   | (3.583)   | (1.110)   | (1.157)   | (1.238)  | (1.211)  |
| $w \times NET^2$  | -0.613*   | -0.615**  | -1.050**  | -1.078**  | -3.303*   | -3.015    | -1.307   | -1.338   |
|                   | (3.338)   | (3.355)   | (1.758)   | (1.735)   | (3.015)   | (3.118)   | (3.088)  | (3.313)  |
| Spatial rho       | 3.863***  | 3.513***  | 3.060***  | 3.087**   | 0.989**   | 0.858***  | 0.557**  | 0.569*   |
|                   | (0.089)   | (0.083)   | (0.164)   | (0.183)   | (0.836)   | (0.844)   | (0.036)  | (0.041)  |
| Sigma2_e          | 0.003***  | 0.001***  | 0.001***  | 0.001***  | 0.001***  | 0.001***  | 0.001*** | 0.001*** |
|                   | (0.000)   | (0.000)   | (0.001)   | (0.000)   | (0.000)   | (0.001)   | (0.000)  | (0.000)  |
| Obs               | 343       | 343       | 1563      | 1563      | 979       | 979       | 374      | 374      |

附表 4

互联网发展影响产业协同集聚的作用机制：供给侧

| 变量                      | (1) W1        | (2) W1      | (3) W2        | (4) W2      | (5) W3        | (6) W3      | (7) W4        | (8) W4      |
|-------------------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|
|                         | <i>Talent</i> | <i>Cogg</i> | <i>Talent</i> | <i>Cogg</i> | <i>Talent</i> | <i>Cogg</i> | <i>Talent</i> | <i>Cogg</i> |
| <i>NET</i>              | 0.801***      | 0.796       | 0.805***      | 0.515       | 0.879***      | 0.575**     | 0.880**       | 0.501*      |
|                         | (0.017)       | (0.581)     | (0.018)       | (0.578)     | (0.011)       | (0.715)     | (0.011)       | (0.711)     |
| <i>NET</i> <sup>2</sup> | -1.712**      | -0.810*     | -1.717***     | -0.871      | -1.507**      | -0.781*     | -1.515*       | -0.801**    |
|                         | (0.005)       | (0.878)     | (0.004)       | (0.875)     | (0.007)       | (0.815)     | (0.009)       | (0.817)     |
| <i>Talent</i>           |               | 1.781***    |               | 1.789***    |               | 1.161**     |               | 1.164***    |
|                         |               | (0.012)     |               | (0.014)     |               | (0.008)     |               | (0.007)     |
| <i>ER</i>               | 0.118*        | 0.024**     | 0.180*        | 0.027*      | 0.049*        | 0.050       | 0.045**       | 0.053       |
|                         | (0.031)       | (0.065)     | (0.005)       | (0.076)     | (1.018)       | (0.232)     | (0.997)       | (0.229)     |
| <i>Labor</i>            | 2.723***      | 0.688*      | 2.739***      | 0.708       | 1.965*        | 1.951**     | 1.967**       | 1.958*      |
|                         | (0.022)       | (1.862)     | (0.036)       | (1.990)     | (0.015)       | (0.762)     | (0.019)       | (0.791)     |
| <i>Open</i>             | 0.079*        | 0.078       | 0.102         | 0.086       | 0.076         | 0.163*      | 0.053         | 0.166       |
|                         | (0.551)       | (0.157)     | (0.568)       | (0.162)     | (0.072)       | (0.559)     | (0.075)       | (0.570)     |
| <i>Gov</i>              | 0.697         | 0.876*      | 0.721         | 0.749       | 0.089*        | 0.092       | 0.113         | 0.096       |
|                         | (0.125)       | (0.088)     | (0.126)       | (0.091)     | (0.132)       | (0.037)     | (0.144)       | (0.044)     |
| <i>Trans</i>            | 0.116*        | 0.106**     | 0.131         | 0.105*      | 0.101*        | 0.128**     | 0.099         | 0.133*      |
|                         | (0.003)       | (0.170)     | (0.004)       | (0.171)     | (0.008)       | (0.164)     | (0.007)       | (0.165)     |
| $w \times NET$          | 7.105**       | 5.078***    | 7.571***      | 5.108**     | 7.751*        | 5.111***    | 7.810*        | 5.101*      |
|                         | (0.088)       | (1.515)     | (0.081)       | (1.550)     | (0.078)       | (1.701)     | (0.080)       | (1.188)     |
| $w \times NET^2$        | -10.851***    | -11.185***  | -10.117***    | -11.880**   | -8.887*       | -10.788*    | -10.011**     | -11.017*    |
|                         | (0.015)       | (1.508)     | (0.011)       | (1.511)     | (0.012)       | (1.511)     | (0.016)       | (1.755)     |
| $w \times Talent$       |               | -1.805**    |               | -1.755**    |               | -1.781*     |               | -1.811      |
|                         |               | (0.017)     |               | (0.018)     |               | (0.015)     |               | (0.016)     |
| Spatial rho             | 1.672***      | 1.115**     | 1.710***      | 1.158***    | 1.801***      | 1.701***    | 1.715***      | 1.710***    |
|                         | (0.087)       | (0.185)     | (0.081)       | (0.187)     | (0.079)       | (0.088)     | (0.099)       | (0.081)     |
| Sigma2_e                | 0.002***      | 0.001***    | 0.001***      | 0.001***    | 0.001***      | 0.001***    | 0.001***      | 0.003***    |
|                         | (0.000)       | (0.000)     | (0.000)       | (0.000)     | (0.000)       | (0.001)     | (0.000)       | (0.001)     |
| Obs                     | 3058          | 3058        | 3058          | 3058        | 3058          | 3058        | 3058          | 3058        |

附表 5 互联网发展影响产业协同集聚的作用机制：需求侧

| 变量                         | (1) W1              | (2) W1               | (3) W2               | (4) W2               | (5) W3              | (6) W3                | (7) W4              | (8) W4               |
|----------------------------|---------------------|----------------------|----------------------|----------------------|---------------------|-----------------------|---------------------|----------------------|
|                            | <i>Export</i>       | <i>Cogg</i>          | <i>Export</i>        | <i>Cogg</i>          | <i>Export</i>       | <i>Cogg</i>           | <i>Export</i>       | <i>Cogg</i>          |
| <i>NET</i>                 | 0.093***<br>(0.001) | 0.874***<br>(0.031)  | 0.094***<br>(0.002)  | 0.873**<br>(0.034)   | 0.034***<br>(0.002) | 0.848**<br>(0.033)    | 0.033*<br>(0.004)   | 0.912**<br>(0.038)   |
| <i>NET</i> <sup>2</sup>    | -1.403**<br>(0.033) | -1.383**<br>(0.314)  | -1.485***<br>(0.035) | -1.431**<br>(0.335)  | -1.404**<br>(0.033) | -1.411***<br>(0.118)  | -1.403**<br>(0.033) | -1.415***<br>(0.131) |
| <i>Export</i>              |                     | 0.105*<br>(0.014)    |                      | 0.113**<br>(0.012)   |                     | 0.085**<br>(0.015)    |                     | 0.088***<br>(0.014)  |
| <i>ER</i>                  | 0.222**<br>(0.239)  | 0.330***<br>(1.385)  | 0.226**<br>(0.258)   | 0.255***<br>(1.306)  | 0.195*<br>(0.257)   | 0.711**<br>(1.150)    | 0.188<br>(0.305)    | 0.715<br>(1.152)     |
| <i>Labor</i>               | 2.976<br>(0.248)    | 1.390**<br>(0.119)   | 2.699*<br>(0.264)    | 1.267***<br>(0.128)  | 1.283**<br>(0.308)  | 1.240***<br>(0.094)   | 1.280*<br>(0.383)   | 1.233***<br>(0.097)  |
| <i>Open</i>                | 0.274*<br>(1.414)   | 0.183**<br>(0.912)   | 0.0635<br>(1.459)    | 0.152*<br>(0.832)    | 0.025<br>(0.523)    | 0.034*<br>(0.087)     | 0.026<br>(0.531)    | 0.036<br>(0.086)     |
| <i>Gov</i>                 | 0.939*<br>(0.146)   | 2.518***<br>(0.712)  | 0.766**<br>(0.141)   | 1.553***<br>(0.717)  | 0.626<br>(0.028)    | 0.064<br>(0.025)      | 0.645*<br>(0.030)   | 0.069<br>(0.027)     |
| <i>Trans</i>               | 5.266**<br>(0.075)  | 2.018***<br>(1.871)  | 5.045*<br>(0.093)    | 2.262***<br>(1.903)  | 0.022*<br>(0.031)   | 0.014**<br>(0.008)    | 0.019**<br>(0.028)  | 0.013***<br>(0.010)  |
| <i>w.NET</i>               | 1.541*<br>(0.041)   | 5.814***<br>(0.184)  | 1.543***<br>(0.044)  | 4.105**<br>(0.414)   | 1.540*<br>(0.144)   | 5.445***<br>(0.084)   | 1.538*<br>(0.146)   | 5.450***<br>(0.084)  |
| <i>w.NET</i> <sup>2</sup>  | -0.025<br>(0.004)   | -10.405**<br>(0.011) | -0.024***<br>(0.004) | -10.970**<br>(0.012) | -0.058*<br>(0.004)  | -10.814***<br>(0.013) | -0.054**<br>(0.004) | -11.014**<br>(0.014) |
| <i>w<sub>x</sub>Export</i> |                     | -0.045***<br>(0.142) |                      | -0.041**<br>(0.145)  |                     | -0.044*<br>(0.121)    |                     | -0.048**<br>(0.128)  |
| Spatial rho                | 0.334**<br>(0.033)  | 1.133***<br>(0.433)  | 0.330***<br>(0.032)  | 1.181***<br>(0.484)  | 0.343**<br>(0.354)  | 1.138***<br>(0.011)   | 0.343**<br>(0.343)  | 1.180***<br>(0.012)  |
| Sigma2_e                   | 0.002***<br>(0.001) | 0.001***<br>(0.000)  | 0.001***<br>(0.000)  | 0.002***<br>(0.000)  | 0.001***<br>(0.000) | 0.001***<br>(0.000)   | 0.002***<br>(0.002) | 0.001***<br>(0.000)  |
| Obs                        | 3058                | 3058                 | 3058                 | 3058                 | 3058                | 3058                  | 3058                | 3058                 |