|  |  |  |  |
| --- | --- | --- | --- |
| 变量描述性统计 | | | |
|  | 是否子女的3分类受教育程度高于其父辈的最低受教育程度 | | |
|  | Child not lead | Child lead | Total |
| N | 31,034 (73.5%) | 11,169 (26.5%) | 42,203 (100.0%) |
| 老年夫妇是否照看过来自子女ID家的孙子女 | 0.33 (0.47) | 0.43 (0.49) | 0.36 (0.48) |
| 受访家庭是否存在女性 | 0.87 (0.34) | 0.90 (0.30) | 0.88 (0.33) |
| 家庭夫妇最大年份 | 61.47 (6.70) | 60.92 (6.44) | 61.32 (6.63) |
| 家庭家庭是否已婚同住或有同居伴侣 | 0.99 (0.12) | 0.99 (0.11) | 0.99 (0.12) |
| 受访家庭的成年健在子女的个数 | 3.16 (1.32) | 2.60 (1.20) | 3.01 (1.31) |
| 受访家庭中ADL最大项数 | 0.44 (1.04) | 0.32 (0.89) | 0.41 (1.00) |
| 子女是否女性 | 0.51 (0.50) | 0.48 (0.50) | 0.50 (0.50) |
| 子女的年龄 | 33.58 (5.49) | 33.34 (4.97) | 33.52 (5.36) |
| 子女是否已婚同住或有同居伴侣 | 0.96 (0.19) | 0.97 (0.16) | 0.97 (0.18) |
| 子女的子女数(16岁以下) | 1.51 (0.63) | 1.29 (0.51) | 1.45 (0.61) |
| 子女是否与受访居户共住 | 0.21 (0.40) | 0.19 (0.39) | 0.20 (0.40) |
| 子女是否长期居住在受访家庭同一或相邻院子(公寓) | 0.26 (0.44) | 0.23 (0.42) | 0.25 (0.43) |
| 义务教育法实施对子女的冲击强度(kcel\*kbprov\_noedu9) | 0.28 (0.16) | 0.29 (0.14) | 0.28 (0.15) |
| 祖辈或其配偶是否退休 | 0.38 (0.49) | 0.50 (0.50) | 0.41 (0.49) |
| 省份幼儿园数（自然对数） | 9.05 (0.60) | 9.10 (0.60) | 9.06 (0.60) |
| 出生时出生省份的超生罚款率(家庭年收入的倍数) | 0.41 (0.65) | 0.45 (0.66) | 0.42 (0.65) |
| 子女暴露到1986年义务教育法的资格 | 0.72 (0.34) | 0.78 (0.31) | 0.74 (0.33) |
| 是否父辈家庭收入高于祖辈家庭收入(祖辈仅劳动收入) | 0.84 (0.36) | 0.83 (0.38) | 0.84 (0.37) |

基准结果：CSLs对教育的影响

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | keduc2\_ls | hedugap3\_min |
| kcel\_ins | 0.477\*\*\* | 0.324\*\*\* |
|  | (0.122) | (0.086) |
| hfemale | -0.033 | -0.028 |
|  | (0.026) | (0.021) |
| hage\_max | -0.002\*\* | 0.004\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | 0.027 | 0.024 |
|  | (0.060) | (0.036) |
| hchild | -0.055\*\*\* | -0.059\*\*\* |
|  | (0.007) | (0.005) |
| hadlabn\_max | -0.022\*\*\* | -0.020\*\*\* |
|  | (0.003) | (0.003) |
| kgender | -0.086\*\*\* | -0.025\*\* |
|  | (0.014) | (0.012) |
| kage | 0.003 | 0.005\*\* |
|  | (0.003) | (0.002) |
| kmstat2 | 0.090\*\*\* | 0.087\*\*\* |
|  | (0.022) | (0.016) |
| kkid16n | -0.082\*\*\* | -0.115\*\*\* |
|  | (0.007) | (0.005) |
| kcoresid | 0.063\*\*\* | 0.058\*\*\* |
|  | (0.017) | (0.015) |
| klivedis2 | -0.092\*\*\* | -0.109\*\*\* |
|  | (0.011) | (0.012) |
| \_cons | 0.826\*\*\* | 0.083 |
|  | (0.141) | (0.126) |
| N | 32437 | 32437 |
| R2 | 0.110 | 0.094 |
| widstat |  |  |
| jp |  |  |

基准结果: 代际教育差距对隔代照料的影响

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_min | 0.057\*\*\* | 0.552\*\*\* |
|  | (0.010) | (0.203) |
| hfemale | 0.018 | 0.040 |
|  | (0.020) | (0.026) |
| hage\_max | -0.003\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.023 | -0.046 |
|  | (0.033) | (0.032) |
| hchild | -0.058\*\*\* | -0.027\*\* |
|  | (0.005) | (0.013) |
| hadlabn\_max | -0.014\*\*\* | -0.004 |
|  | (0.003) | (0.006) |
| kgender | -0.266\*\*\* | -0.255\*\*\* |
|  | (0.020) | (0.023) |
| kage | -0.008\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.107\*\*\* | -0.160\*\*\* |
|  | (0.020) | (0.029) |
| kkid16n | 0.053\*\*\* | 0.109\*\*\* |
|  | (0.006) | (0.022) |
| kcoresid | 0.154\*\*\* | 0.126\*\*\* |
|  | (0.017) | (0.020) |
| klivedis2 | 0.105\*\*\* | 0.158\*\*\* |
|  | (0.014) | (0.025) |
| 2013bn.year |  | 0.042\*\*\* |
|  |  | (0.012) |
| 2015.year |  | 0.054\*\*\* |
|  |  | (0.017) |
| 2018.year |  | 0.040 |
|  |  | (0.025) |
| \_cons | 1.079\*\*\* |  |
|  | (0.050) |  |
| N | 33797 | 32437 |
| R2 | 0.248 | 0.053 |
| widstat |  | 14.15 |
| jp |  |  |

真实的回归方程

|  |  |
| --- | --- |
|  | (1) |
|  | hgkcarek |
| hedugap3\_min | 0.055\*\*\* |
|  | (0.010) |
| kcel\_ins | 0.161\*\*\* |
|  | (0.046) |
| hfemale | 0.026 |
|  | (0.021) |
| hage\_max | -0.003\*\*\* |
|  | (0.001) |
| hmstat2 | -0.034 |
|  | (0.032) |
| hchild | -0.056\*\*\* |
|  | (0.005) |
| hadlabn\_max | -0.014\*\*\* |
|  | (0.004) |
| kgender | -0.268\*\*\* |
|  | (0.020) |
| kage | -0.005\*\*\* |
|  | (0.001) |
| kmstat2 | -0.116\*\*\* |
|  | (0.021) |
| kkid16n | 0.052\*\*\* |
|  | (0.006) |
| kcoresid | 0.155\*\*\* |
|  | (0.018) |
| klivedis2 | 0.104\*\*\* |
|  | (0.014) |
| \_cons | 0.948\*\*\* |
|  | (0.068) |
| N | 32437 |
| R2 | 0.251 |
| widstat |  |
| jp |  |

替换核心解释变量： hedugap3\_max""

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_max | 0.051\*\*\* | 0.653\*\*\* |
|  | (0.011) | (0.246) |
| hfemale | 0.021 | 0.075\*\* |
|  | (0.020) | (0.032) |
| hage\_max | -0.003\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.022 | -0.045 |
|  | (0.033) | (0.034) |
| hchild | -0.059\*\*\* | -0.031\*\* |
|  | (0.005) | (0.012) |
| hadlabn\_max | -0.015\*\*\* | -0.006 |
|  | (0.003) | (0.005) |
| kgender | -0.266\*\*\* | -0.249\*\*\* |
|  | (0.020) | (0.024) |
| kage | -0.008\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.106\*\*\* | -0.158\*\*\* |
|  | (0.020) | (0.029) |
| kkid16n | 0.051\*\*\* | 0.111\*\*\* |
|  | (0.006) | (0.023) |
| kcoresid | 0.155\*\*\* | 0.122\*\*\* |
|  | (0.017) | (0.021) |
| klivedis2 | 0.104\*\*\* | 0.168\*\*\* |
|  | (0.014) | (0.028) |
| 2013bn.year |  | 0.039\*\*\* |
|  |  | (0.012) |
| 2015.year |  | 0.047\*\* |
|  |  | (0.019) |
| 2018.year |  | 0.028 |
|  |  | (0.029) |
| \_cons | 1.081\*\*\* |  |
|  | (0.051) |  |
| N | 33797 | 32437 |
| R2 | 0.248 | -0.012 |
| widstat |  | 13.67 |
| jp |  |  |

替换核心解释变量： hedugap3\_fem""

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_fem | 0.055\*\*\* | 0.590\*\*\* |
|  | (0.010) | (0.220) |
| hfemale | 0.019 | 0.048\* |
|  | (0.020) | (0.027) |
| hage\_max | -0.003\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.022 | -0.046 |
|  | (0.033) | (0.032) |
| hchild | -0.058\*\*\* | -0.027\*\* |
|  | (0.005) | (0.013) |
| hadlabn\_max | -0.014\*\*\* | -0.004 |
|  | (0.003) | (0.006) |
| kgender | -0.266\*\*\* | -0.253\*\*\* |
|  | (0.020) | (0.023) |
| kage | -0.008\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.107\*\*\* | -0.161\*\*\* |
|  | (0.020) | (0.029) |
| kkid16n | 0.052\*\*\* | 0.110\*\*\* |
|  | (0.006) | (0.022) |
| kcoresid | 0.154\*\*\* | 0.125\*\*\* |
|  | (0.017) | (0.021) |
| klivedis2 | 0.105\*\*\* | 0.161\*\*\* |
|  | (0.014) | (0.027) |
| 2013bn.year |  | 0.042\*\*\* |
|  |  | (0.012) |
| 2015.year |  | 0.052\*\*\* |
|  |  | (0.017) |
| 2018.year |  | 0.038 |
|  |  | (0.026) |
| \_cons | 1.081\*\*\* |  |
|  | (0.050) |  |
| N | 33797 | 32437 |
| R2 | 0.248 | 0.024 |
| widstat |  | 13.57 |
| jp |  |  |

替换核心解释变量： hedugap3\_min\_s""

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_min\_s | 0.057\*\*\* | 0.515\*\*\* |
|  | (0.010) | (0.186) |
| hfemale | 0.018 | 0.039 |
|  | (0.020) | (0.026) |
| hage\_max | -0.003\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.023 | -0.045 |
|  | (0.033) | (0.032) |
| hchild | -0.058\*\*\* | -0.030\*\* |
|  | (0.005) | (0.012) |
| hadlabn\_max | -0.014\*\*\* | -0.006 |
|  | (0.003) | (0.005) |
| kgender | -0.266\*\*\* | -0.259\*\*\* |
|  | (0.020) | (0.022) |
| kage | -0.008\*\*\* | -0.008\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.105\*\*\* | -0.146\*\*\* |
|  | (0.020) | (0.025) |
| kkid16n | 0.053\*\*\* | 0.106\*\*\* |
|  | (0.006) | (0.021) |
| kcoresid | 0.154\*\*\* | 0.129\*\*\* |
|  | (0.017) | (0.020) |
| klivedis2 | 0.105\*\*\* | 0.153\*\*\* |
|  | (0.014) | (0.024) |
| 2013bn.year |  | 0.043\*\*\* |
|  |  | (0.011) |
| 2015.year |  | 0.056\*\*\* |
|  |  | (0.016) |
| 2018.year |  | 0.082\*\*\* |
|  |  | (0.013) |
| \_cons | 1.080\*\*\* |  |
|  | (0.050) |  |
| N | 33797 | 32437 |
| R2 | 0.248 | 0.086 |
| widstat |  | 16.26 |
| jp |  |  |

替换核心解释变量： hedugap6\_min""

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap6\_min | 0.025\*\*\* | 0.364\*\* |
|  | (0.006) | (0.148) |
| hfemale | 0.016 | 0.018 |
|  | (0.020) | (0.023) |
| hage\_max | -0.003\*\*\* | -0.003\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.023 | -0.059\* |
|  | (0.034) | (0.034) |
| hchild | -0.060\*\*\* | -0.040\*\*\* |
|  | (0.005) | (0.010) |
| hadlabn\_max | -0.015\*\*\* | -0.007 |
|  | (0.003) | (0.005) |
| kgender | -0.265\*\*\* | -0.238\*\*\* |
|  | (0.020) | (0.025) |
| kage | -0.008\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.104\*\*\* | -0.146\*\*\* |
|  | (0.020) | (0.026) |
| kkid16n | 0.048\*\*\* | 0.075\*\*\* |
|  | (0.006) | (0.013) |
| kcoresid | 0.156\*\*\* | 0.141\*\*\* |
|  | (0.017) | (0.019) |
| klivedis2 | 0.101\*\*\* | 0.130\*\*\* |
|  | (0.014) | (0.020) |
| 2013bn.year |  | 0.054\*\*\* |
|  |  | (0.011) |
| 2015.year |  | 0.073\*\*\* |
|  |  | (0.015) |
| 2018.year |  | 0.074\*\*\* |
|  |  | (0.015) |
| \_cons | 1.080\*\*\* |  |
|  | (0.052) |  |
| N | 33797 | 32437 |
| R2 | 0.247 | 0.134 |
| widstat |  | 16.05 |
| jp |  |  |

替换核心解释变量： hedugap2\_min""

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap2\_min | 0.064\*\*\* | 0.767\*\*\* |
|  | (0.012) | (0.287) |
| hfemale | 0.017 | 0.032 |
|  | (0.020) | (0.023) |
| hage\_max | -0.003\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.019 | -0.002 |
|  | (0.033) | (0.039) |
| hchild | -0.059\*\*\* | -0.031\*\*\* |
|  | (0.005) | (0.011) |
| hadlabn\_max | -0.015\*\*\* | -0.006 |
|  | (0.003) | (0.005) |
| kgender | -0.266\*\*\* | -0.254\*\*\* |
|  | (0.020) | (0.022) |
| kage | -0.008\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.107\*\*\* | -0.168\*\*\* |
|  | (0.020) | (0.029) |
| kkid16n | 0.051\*\*\* | 0.106\*\*\* |
|  | (0.006) | (0.021) |
| kcoresid | 0.156\*\*\* | 0.138\*\*\* |
|  | (0.017) | (0.022) |
| klivedis2 | 0.104\*\*\* | 0.161\*\*\* |
|  | (0.014) | (0.027) |
| 2013bn.year |  | 0.044\*\*\* |
|  |  | (0.011) |
| 2015.year |  | 0.047\*\*\* |
|  |  | (0.018) |
| 2018.year |  | 0.029 |
|  |  | (0.028) |
| \_cons | 1.086\*\*\* |  |
|  | (0.049) |  |
| N | 33797 | 32437 |
| R2 | 0.248 | 0.025 |
| widstat |  | 19.08 |
| jp |  |  |

稳健性检验:额外控制变量-hretire1

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_min | 0.051\*\*\* | 0.559\*\*\* |
|  | (0.010) | (0.208) |
| hfemale | 0.023 | 0.041 |
|  | (0.021) | (0.027) |
| hage\_max | -0.004\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.017 | -0.050 |
|  | (0.036) | (0.034) |
| hchild | -0.057\*\*\* | -0.027\*\* |
|  | (0.005) | (0.013) |
| hadlabn\_max | -0.016\*\*\* | -0.003 |
|  | (0.004) | (0.007) |
| kgender | -0.267\*\*\* | -0.255\*\*\* |
|  | (0.020) | (0.023) |
| kage | -0.008\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.108\*\*\* | -0.160\*\*\* |
|  | (0.020) | (0.029) |
| kkid16n | 0.053\*\*\* | 0.109\*\*\* |
|  | (0.006) | (0.022) |
| kcoresid | 0.155\*\*\* | 0.127\*\*\* |
|  | (0.017) | (0.020) |
| klivedis2 | 0.102\*\*\* | 0.159\*\*\* |
|  | (0.014) | (0.027) |
| hretire1 | 0.037\*\*\* | -0.013 |
|  | (0.006) | (0.022) |
| 2013bn.year |  | 0.041\*\*\* |
|  |  | (0.012) |
| 2015.year |  | 0.053\*\*\* |
|  |  | (0.018) |
| 2018.year |  | 0.039 |
|  |  | (0.026) |
| \_cons | 1.097\*\*\* |  |
|  | (0.050) |  |
| N | 33671 | 32330 |
| R2 | 0.250 | 0.047 |
| widstat |  | 14.84 |
| jp |  |  |

稳健性检验:额外控制变量-prov\_kidgarn\_ln

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_min | 0.057\*\*\* | 0.536\*\*\* |
|  | (0.010) | (0.196) |
| hfemale | 0.018 | 0.040 |
|  | (0.020) | (0.026) |
| hage\_max | -0.003\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.024 | -0.047 |
|  | (0.034) | (0.032) |
| hchild | -0.058\*\*\* | -0.028\*\* |
|  | (0.005) | (0.013) |
| hadlabn\_max | -0.014\*\*\* | -0.005 |
|  | (0.003) | (0.006) |
| kgender | -0.266\*\*\* | -0.256\*\*\* |
|  | (0.020) | (0.022) |
| kage | -0.008\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.107\*\*\* | -0.159\*\*\* |
|  | (0.020) | (0.028) |
| kkid16n | 0.053\*\*\* | 0.107\*\*\* |
|  | (0.006) | (0.021) |
| kcoresid | 0.154\*\*\* | 0.127\*\*\* |
|  | (0.017) | (0.020) |
| klivedis2 | 0.105\*\*\* | 0.157\*\*\* |
|  | (0.015) | (0.025) |
| prov\_kidgarn\_ln | 0.046 | 0.061\* |
|  | (0.033) | (0.031) |
| 2013bn.year |  | 0.031\*\* |
|  |  | (0.013) |
| 2015.year |  | 0.035\* |
|  |  | (0.021) |
| 2018.year |  | 0.012 |
|  |  | (0.031) |
| \_cons | 0.667\*\* |  |
|  | (0.292) |  |
| N | 33797 | 32437 |
| R2 | 0.249 | 0.065 |
| widstat |  | 15.01 |
| jp |  |  |

稳健性检验:额外控制变量-kbprov\_fertfine

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_min | 0.056\*\*\* | 0.566\*\* |
|  | (0.010) | (0.233) |
| hfemale | 0.026 | 0.041 |
|  | (0.021) | (0.026) |
| hage\_max | -0.003\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.031 | -0.046 |
|  | (0.032) | (0.032) |
| hchild | -0.057\*\*\* | -0.026\* |
|  | (0.005) | (0.015) |
| hadlabn\_max | -0.014\*\*\* | -0.004 |
|  | (0.003) | (0.006) |
| kgender | -0.267\*\*\* | -0.255\*\*\* |
|  | (0.020) | (0.023) |
| kage | -0.009\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.002) |
| kmstat2 | -0.108\*\*\* | -0.161\*\*\* |
|  | (0.021) | (0.031) |
| kkid16n | 0.053\*\*\* | 0.111\*\*\* |
|  | (0.006) | (0.026) |
| kcoresid | 0.156\*\*\* | 0.126\*\*\* |
|  | (0.017) | (0.020) |
| klivedis2 | 0.102\*\*\* | 0.160\*\*\* |
|  | (0.014) | (0.027) |
| kbprov\_fertfine | -0.014\* | 0.003 |
|  | (0.008) | (0.013) |
| 2013bn.year |  | 0.041\*\*\* |
|  |  | (0.012) |
| 2015.year |  | 0.053\*\*\* |
|  |  | (0.019) |
| 2018.year |  | 0.037 |
|  |  | (0.030) |
| \_cons | 1.123\*\*\* |  |
|  | (0.061) |  |
| N | 32844 | 32437 |
| R2 | 0.248 | 0.041 |
| widstat |  | 10.53 |
| jp |  |  |

稳健性检验:样本选择-if (kbyear>=1970&kbyear<=1996)

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_min | 0.056\*\*\* | 0.532\*\*\* |
|  | (0.010) | (0.193) |
| hfemale | 0.018 | 0.039 |
|  | (0.020) | (0.026) |
| hage\_max | -0.003\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.024 | -0.050 |
|  | (0.034) | (0.033) |
| hchild | -0.059\*\*\* | -0.028\*\* |
|  | (0.005) | (0.013) |
| hadlabn\_max | -0.014\*\*\* | -0.005 |
|  | (0.003) | (0.005) |
| kgender | -0.268\*\*\* | -0.259\*\*\* |
|  | (0.020) | (0.022) |
| kage | -0.008\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.105\*\*\* | -0.156\*\*\* |
|  | (0.020) | (0.028) |
| kkid16n | 0.053\*\*\* | 0.107\*\*\* |
|  | (0.006) | (0.021) |
| kcoresid | 0.152\*\*\* | 0.126\*\*\* |
|  | (0.017) | (0.020) |
| klivedis2 | 0.108\*\*\* | 0.158\*\*\* |
|  | (0.014) | (0.024) |
| 2013bn.year |  | 0.042\*\*\* |
|  |  | (0.012) |
| 2015.year |  | 0.054\*\*\* |
|  |  | (0.017) |
| 2018.year |  | 0.041\* |
|  |  | (0.024) |
| \_cons | 1.078\*\*\* |  |
|  | (0.051) |  |
| N | 33352 | 32000 |
| R2 | 0.248 | 0.068 |
| widstat |  | 14.43 |
| jp |  |  |

稳健性检验:样本选择-if (hbyear\_min>=1945&hbyear\_max<=1970)

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_min | 0.055\*\*\* | 0.565\*\*\* |
|  | (0.009) | (0.186) |
| hfemale | 0.021 | 0.037 |
|  | (0.021) | (0.025) |
| hage\_max | -0.002\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.036 | -0.059 |
|  | (0.043) | (0.041) |
| hchild | -0.067\*\*\* | -0.030\*\* |
|  | (0.005) | (0.013) |
| hadlabn\_max | -0.015\*\*\* | -0.004 |
|  | (0.004) | (0.006) |
| kgender | -0.275\*\*\* | -0.266\*\*\* |
|  | (0.021) | (0.023) |
| kage | -0.008\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.109\*\*\* | -0.166\*\*\* |
|  | (0.020) | (0.028) |
| kkid16n | 0.054\*\*\* | 0.113\*\*\* |
|  | (0.006) | (0.019) |
| kcoresid | 0.154\*\*\* | 0.126\*\*\* |
|  | (0.019) | (0.023) |
| klivedis2 | 0.108\*\*\* | 0.162\*\*\* |
|  | (0.016) | (0.025) |
| 2013bn.year |  | 0.043\*\*\* |
|  |  | (0.012) |
| 2015.year |  | 0.055\*\*\* |
|  |  | (0.017) |
| 2018.year |  | 0.037 |
|  |  | (0.023) |
| \_cons | 1.092\*\*\* |  |
|  | (0.064) |  |
| N | 29993 | 28821 |
| R2 | 0.253 | 0.045 |
| widstat |  | 19.70 |
| jp |  |  |

稳健性检验:样本选择-if (kispart!=1)

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_min | 0.055\*\*\* | 0.712\*\*\* |
|  | (0.010) | (0.197) |
| hfemale | -0.006 | 0.010 |
|  | (0.019) | (0.028) |
| hage\_max | -0.004\*\*\* | -0.004\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.002 | -0.016 |
|  | (0.051) | (0.063) |
| hchild | -0.060\*\*\* | -0.022\* |
|  | (0.006) | (0.013) |
| hadlabn\_max | -0.017\*\*\* | -0.002 |
|  | (0.004) | (0.005) |
| kgender | -0.290\*\*\* | -0.283\*\*\* |
|  | (0.026) | (0.028) |
| kage | -0.006\*\*\* | -0.009\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.104\*\*\* | -0.179\*\*\* |
|  | (0.026) | (0.037) |
| kkid16n | 0.053\*\*\* | 0.142\*\*\* |
|  | (0.006) | (0.027) |
| kcoresid | 0.116\*\*\* | 0.063\* |
|  | (0.024) | (0.034) |
| klivedis2 | 0.138\*\*\* | 0.221\*\*\* |
|  | (0.022) | (0.037) |
| 2013bn.year |  | 0.032\*\* |
|  |  | (0.016) |
| 2015.year |  | 0.035 |
|  |  | (0.023) |
| 2018.year |  | 0.011 |
|  |  | (0.035) |
| \_cons | 1.094\*\*\* |  |
|  | (0.066) |  |
| N | 19835 | 18475 |
| R2 | 0.262 | -0.073 |
| widstat |  | 14.90 |
| jp |  |  |

稳健性检验：其他IV

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_min | 0.612\*\*\* | 0.593\*\*\* |
|  | (0.184) | (0.184) |
| hfemale | 0.042 | 0.042 |
|  | (0.026) | (0.026) |
| hage\_max | -0.005\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) |
| hmstat2 | -0.048 | -0.047 |
|  | (0.033) | (0.032) |
| hchild | -0.023\* | -0.024\*\* |
|  | (0.012) | (0.012) |
| hadlabn\_max | -0.003 | -0.003 |
|  | (0.005) | (0.005) |
| kgender | -0.254\*\*\* | -0.254\*\*\* |
|  | (0.022) | (0.022) |
| kage | -0.007\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) |
| kmstat2 | -0.165\*\*\* | -0.163\*\*\* |
|  | (0.025) | (0.026) |
| kkid16n | 0.116\*\*\* | 0.113\*\*\* |
|  | (0.020) | (0.020) |
| kcoresid | 0.123\*\*\* | 0.124\*\*\* |
|  | (0.021) | (0.021) |
| klivedis2 | 0.165\*\*\* | 0.163\*\*\* |
|  | (0.022) | (0.022) |
| 2013bn.year | 0.041\*\*\* | 0.041\*\*\* |
|  | (0.011) | (0.011) |
| 2015.year | 0.051\*\*\* | 0.052\*\*\* |
|  | (0.016) | (0.016) |
| 2018.year | 0.034 | 0.036 |
|  | (0.024) | (0.024) |
| N | 32437 | 32437 |
| R2 | 0.003 | 0.020 |
| widstat | 17.36 | 8.99 |
| jp |  | 0.543 |

替换估计方法:Probit / IVProbit

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | hgkcarek | hgkcarek |
| hedugap3\_min | 0.188\*\*\* | 1.631\*\*\* |
|  | (0.033) | (0.337) |
| hfemale | 0.064 | 0.112\* |
|  | (0.065) | (0.064) |
| hage\_max | -0.009\*\*\* | -0.013\*\*\* |
|  | (0.002) | (0.001) |
| hmstat2 | -0.067 | -0.117 |
|  | (0.111) | (0.089) |
| hchild | -0.213\*\*\* | -0.074 |
|  | (0.019) | (0.049) |
| hadlabn\_max | -0.053\*\*\* | -0.011 |
|  | (0.013) | (0.017) |
| kgender | -0.848\*\*\* | -0.626\*\*\* |
|  | (0.068) | (0.135) |
| kage | -0.027\*\*\* | -0.020\*\*\* |
|  | (0.003) | (0.005) |
| kmstat2 | -0.349\*\*\* | -0.424\*\*\* |
|  | (0.058) | (0.052) |
| kkid16n | 0.179\*\*\* | 0.307\*\*\* |
|  | (0.019) | (0.021) |
| kcoresid | 0.402\*\*\* | 0.225\*\*\* |
|  | (0.044) | (0.071) |
| klivedis2 | 0.327\*\*\* | 0.417\*\*\* |
|  | (0.039) | (0.033) |
| 1.provID | 0.000 | 0.000 |
|  | (0.000) | (0.000) |
| 2.provID | -0.552\*\*\* | 0.296 |
|  | (0.034) | (0.259) |
| 3.provID | -0.528\*\*\* | 0.122 |
|  | (0.041) | (0.203) |
| 4.provID | -0.030 | -0.150\*\*\* |
|  | (0.020) | (0.040) |
| 5.provID | -0.577\*\*\* | 0.231 |
|  | (0.033) | (0.246) |
| 6.provID | -0.409\*\*\* | 0.352 |
|  | (0.032) | (0.227) |
| 7.provID | -0.275\*\*\* | 0.139 |
|  | (0.024) | (0.139) |
| 8.provID | -0.586\*\*\* | 0.243 |
|  | (0.046) | (0.259) |
| 9.provID | -0.532\*\*\* | 0.189 |
|  | (0.033) | (0.227) |
| 10.provID | -0.535\*\*\* | 0.155 |
|  | (0.038) | (0.220) |
| 11.provID | -0.521\*\*\* | 0.071 |
|  | (0.038) | (0.199) |
| 12.provID | -0.455\*\*\* | 0.146 |
|  | (0.045) | (0.194) |
| 13.provID | -0.152\*\*\* | 0.229\*\* |
|  | (0.052) | (0.117) |
| 14.provID | -0.557\*\*\* | 0.073 |
|  | (0.027) | (0.206) |
| 15.provID | -0.353\*\*\* | 0.251 |
|  | (0.039) | (0.192) |
| 16.provID | -0.580\*\*\* | 0.134 |
|  | (0.032) | (0.229) |
| 17.provID | -0.572\*\*\* | 0.058 |
|  | (0.036) | (0.206) |
| 18.provID | -0.665\*\*\* | -0.047 |
|  | (0.024) | (0.209) |
| 19.provID | -0.443\*\*\* | 0.273 |
|  | (0.033) | (0.216) |
| 20.provID | -0.477\*\*\* | 0.044 |
|  | (0.032) | (0.175) |
| 21.provID | -0.561\*\*\* | 0.221 |
|  | (0.034) | (0.244) |
| 22.provID | -0.559\*\*\* | 0.083 |
|  | (0.040) | (0.210) |
| 23.provID | -0.608\*\*\* | 0.189 |
|  | (0.040) | (0.251) |
| 24.provID | -0.612\*\*\* | 0.179 |
|  | (0.030) | (0.246) |
| 25.provID | -0.499\*\*\* | 0.390 |
|  | (0.029) | (0.255) |
| 26.provID | -0.396\*\*\* | 0.123 |
|  | (0.035) | (0.171) |
| 27.provID | -0.288\*\*\* | 0.575\*\* |
|  | (0.042) | (0.242) |
| 28.provID | -0.307\*\*\* | 0.273 |
|  | (0.031) | (0.170) |
| 2011.year | 0.000 | 0.000 |
|  | (0.000) | (0.000) |
| 2013.year | 0.196\*\*\* | 0.112\*\*\* |
|  | (0.038) | (0.043) |
| 2015.year | 0.280\*\*\* | 0.141\*\* |
|  | (0.045) | (0.063) |
| 2018.year | 0.318\*\*\* | 0.092 |
|  | (0.038) | (0.082) |
| \_cons | 2.310\*\*\* | 0.775 |
|  | (0.182) | (0.640) |
| hedugap3\_min: |  |  |
| hfemale |  | -0.028 |
|  |  | (0.021) |
| hage\_max |  | 0.004\*\*\* |
|  |  | (0.001) |
| hmstat2 |  | 0.024 |
|  |  | (0.036) |
| hchild |  | -0.059\*\*\* |
|  |  | (0.005) |
| hadlabn\_max |  | -0.020\*\*\* |
|  |  | (0.003) |
| kgender |  | -0.025\*\* |
|  |  | (0.012) |
| kage |  | 0.005\*\* |
|  |  | (0.002) |
| kmstat2 |  | 0.087\*\*\* |
|  |  | (0.016) |
| kkid16n |  | -0.115\*\*\* |
|  |  | (0.005) |
| kcoresid |  | 0.058\*\*\* |
|  |  | (0.015) |
| klivedis2 |  | -0.109\*\*\* |
|  |  | (0.012) |
| 1.provID |  | 0.000 |
|  |  | (0.000) |
| 2.provID |  | -0.641\*\*\* |
|  |  | (0.032) |
| 3.provID |  | -0.416\*\*\* |
|  |  | (0.014) |
| 4.provID |  | 0.066\*\*\* |
|  |  | (0.010) |
| 5.provID |  | -0.534\*\*\* |
|  |  | (0.016) |
| 6.provID |  | -0.553\*\*\* |
|  |  | (0.020) |
| 7.provID |  | -0.275\*\*\* |
|  |  | (0.005) |
| 8.provID |  | -0.587\*\*\* |
|  |  | (0.024) |
| 9.provID |  | -0.483\*\*\* |
|  |  | (0.015) |
| 10.provID |  | -0.446\*\*\* |
|  |  | (0.012) |
| 11.provID |  | -0.425\*\*\* |
|  |  | (0.020) |
| 12.provID |  | -0.403\*\*\* |
|  |  | (0.015) |
| 13.provID |  | -0.301\*\*\* |
|  |  | (0.019) |
| 14.provID |  | -0.410\*\*\* |
|  |  | (0.012) |
| 15.provID |  | -0.486\*\*\* |
|  |  | (0.027) |
| 16.provID |  | -0.467\*\*\* |
|  |  | (0.013) |
| 17.provID |  | -0.406\*\*\* |
|  |  | (0.014) |
| 18.provID |  | -0.414\*\*\* |
|  |  | (0.019) |
| 19.provID |  | -0.495\*\*\* |
|  |  | (0.016) |
| 20.provID |  | -0.340\*\*\* |
|  |  | (0.011) |
| 21.provID |  | -0.534\*\*\* |
|  |  | (0.017) |
| 22.provID |  | -0.472\*\*\* |
|  |  | (0.026) |
| 23.provID |  | -0.574\*\*\* |
|  |  | (0.027) |
| 24.provID |  | -0.498\*\*\* |
|  |  | (0.010) |
| 25.provID |  | -0.617\*\*\* |
|  |  | (0.021) |
| 26.provID |  | -0.372\*\*\* |
|  |  | (0.015) |
| 27.provID |  | -0.644\*\*\* |
|  |  | (0.022) |
| 28.provID |  | -0.410\*\*\* |
|  |  | (0.014) |
| 2011.year |  | 0.000 |
|  |  | (0.000) |
| 2013.year |  | 0.012\* |
|  |  | (0.007) |
| 2015.year |  | 0.027\*\*\* |
|  |  | (0.008) |
| 2018.year |  | 0.061\*\*\* |
|  |  | (0.012) |
| kcel\_ins |  | 0.324\*\*\* |
|  |  | (0.086) |
| \_cons |  | 0.533\*\*\* |
|  |  | (0.111) |
| /: |  |  |
| hfemale |  |  |
|  |  |  |
| hage\_max |  |  |
|  |  |  |
| hmstat2 |  |  |
|  |  |  |
| hchild |  |  |
|  |  |  |
| hadlabn\_max |  |  |
|  |  |  |
| kgender |  |  |
|  |  |  |
| kage |  |  |
|  |  |  |
| kmstat2 |  |  |
|  |  |  |
| kkid16n |  |  |
|  |  |  |
| kcoresid |  |  |
|  |  |  |
| klivedis2 |  |  |
|  |  |  |
| 1.provID |  |  |
|  |  |  |
| 2.provID |  |  |
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| 3.provID |  |  |
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| 4.provID |  |  |
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| 5.provID |  |  |
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| 6.provID |  |  |
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| 7.provID |  |  |
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| 8.provID |  |  |
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| 9.provID |  |  |
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| 10.provID |  |  |
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| 11.provID |  |  |
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| 12.provID |  |  |
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| 13.provID |  |  |
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| 14.provID |  |  |
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| 15.provID |  |  |
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| 16.provID |  |  |
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| 17.provID |  |  |
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| 18.provID |  |  |
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| 19.provID |  |  |
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| 20.provID |  |  |
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| 21.provID |  |  |
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| 22.provID |  |  |
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| 23.provID |  |  |
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| 24.provID |  |  |
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| 25.provID |  |  |
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| 26.provID |  |  |
|  |  |  |
| 27.provID |  |  |
|  |  |  |
| 28.provID |  |  |
|  |  |  |
| 2011.year |  |  |
|  |  |  |
| 2013.year |  |  |
|  |  |  |
| 2015.year |  |  |
|  |  |  |
| 2018.year |  |  |
|  |  |  |
| kcel\_ins |  |  |
|  |  |  |
| athrho2\_1 |  | -0.744\*\*\* |
|  |  | (0.238) |
| lnsigma2 |  | -0.858\*\*\* |
|  |  | (0.019) |
| \_cons |  |  |
|  |  |  |
| N | 33797 | 32437 |
| R2 |  |  |
| widstat |  |  |
| jp |  |  |

稳健性检验：城市聚类或稳健标准误

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) |
|  | hgkcarek | hgkcarek | hgkcarek | hgkcarek |
| hedugap3\_min | 0.057\*\*\* | 0.552\*\*\* | 0.057\*\*\* | 0.552\*\*\* |
|  | (0.008) | (0.188) | (0.006) | (0.120) |
| hfemale | 0.018 | 0.040\* | 0.018 | 0.040\*\* |
|  | (0.019) | (0.023) | (0.016) | (0.018) |
| hage\_max | -0.003\*\*\* | -0.005\*\*\* | -0.003\*\*\* | -0.005\*\*\* |
|  | (0.001) | (0.001) | (0.001) | (0.001) |
| hmstat2 | -0.023 | -0.046 | -0.023 | -0.046 |
|  | (0.040) | (0.047) | (0.035) | (0.039) |
| hchild | -0.058\*\*\* | -0.027\*\* | -0.058\*\*\* | -0.027\*\*\* |
|  | (0.004) | (0.012) | (0.002) | (0.008) |
| hadlabn\_max | -0.014\*\*\* | -0.004 | -0.014\*\*\* | -0.004 |
|  | (0.003) | (0.005) | (0.002) | (0.003) |
| kgender | -0.266\*\*\* | -0.255\*\*\* | -0.266\*\*\* | -0.255\*\*\* |
|  | (0.013) | (0.014) | (0.005) | (0.007) |
| kage | -0.008\*\*\* | -0.007\*\*\* | -0.008\*\*\* | -0.007\*\*\* |
|  | (0.001) | (0.001) | (0.001) | (0.001) |
| kmstat2 | -0.107\*\*\* | -0.160\*\*\* | -0.107\*\*\* | -0.160\*\*\* |
|  | (0.014) | (0.025) | (0.015) | (0.020) |
| kkid16n | 0.053\*\*\* | 0.109\*\*\* | 0.053\*\*\* | 0.109\*\*\* |
|  | (0.005) | (0.021) | (0.004) | (0.014) |
| kcoresid | 0.154\*\*\* | 0.126\*\*\* | 0.154\*\*\* | 0.126\*\*\* |
|  | (0.016) | (0.021) | (0.013) | (0.016) |
| klivedis2 | 0.105\*\*\* | 0.158\*\*\* | 0.105\*\*\* | 0.158\*\*\* |
|  | (0.014) | (0.026) | (0.012) | (0.019) |
| 2013bn.year |  | 0.042\*\*\* |  | 0.042\*\*\* |
|  |  | (0.011) |  | (0.008) |
| 2015.year |  | 0.054\*\*\* |  | 0.054\*\*\* |
|  |  | (0.015) |  | (0.010) |
| 2018.year |  | 0.040 |  | 0.040\*\*\* |
|  |  | (0.024) |  | (0.015) |
| \_cons | 1.079\*\*\* |  | 1.079\*\*\* |  |
|  | (0.046) |  | (0.041) |  |
| N | 33797 | 32437 | 33797 | 32437 |
| R2 | 0.248 | 0.053 | 0.248 | 0.053 |
| widstat |  | 21.33 |  | 89.96 |
| jp |  |  |  |  |