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| **Table 3: F15-1 Sad\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | 0.142\*\*\* | 0.110\*\*\* | 0.111\*\*\* |  | 0.145\*\* | 0.116\*\* | 0.118\*\* | 0.0304 | 0.0402 | 0.0403 |
|  | (0.0402) | (0.0393) | (0.0392) |  | (0.0595) | (0.0586) | (0.0581) | (0.0927) | (0.0917) | (0.0919) |
| Age/10 | -0.0440 | -0.315\*\* | -0.306\*\* |  | -0.111 | -0.434\*\* | -0.414\*\* |  |  |  |
|  | (0.127) | (0.142) | (0.143) |  | (0.177) | (0.203) | (0.203) |  |  |  |
| Age2/100 | 0.0153 | 0.0464\*\* | 0.0458\*\* |  | 0.0296 | 0.0655\*\* | 0.0639\*\* |  |  |  |
|  | (0.0171) | (0.0183) | (0.0183) |  | (0.0235) | (0.0257) | (0.0256) |  |  |  |
| Male | 0.142\*\*\* | 0.128\*\*\* | 0.125\*\*\* |  | 0.166\*\*\* | 0.152\*\*\* | 0.147\*\*\* |  |  |  |
|  | (0.0371) | (0.0371) | (0.0370) |  | (0.0526) | (0.0535) | (0.0532) |  |  |  |
| Birth Weight | 0.0136 | 0.000291 | 0.000243 |  | -0.0111 | -0.0271 | -0.0263 | -0.0610 | -0.0475 | -0.0480 |
|  | (0.0283) | (0.0278) | (0.0277) |  | (0.0388) | (0.0375) | (0.0376) | (0.0714) | (0.0715) | (0.0711) |
| Early Disease | -0.205 | -0.149 | -0.148 |  | -0.0621 | -0.0315 | -0.0331 | -0.129 | -0.151 | -0.143 |
|  | (0.144) | (0.140) | (0.140) |  | (0.217) | (0.216) | (0.216) | (0.228) | (0.231) | (0.228) |
| Log(Income) |  | 0.0525\*\* | 0.0474\* |  |  | 0.0661\* | 0.0591 |  | 0.00538 | 0.0123 |
|  |  | (0.0257) | (0.0262) |  |  | (0.0386) | (0.0392) |  | (0.0576) | (0.0585) |
| Married |  | 0.232\*\*\* | 0.230\*\*\* |  |  | 0.278\*\*\* | 0.273\*\*\* |  | 0.196\*\* | 0.202\*\* |
|  |  | (0.0474) | (0.0474) |  |  | (0.0720) | (0.0717) |  | (0.0892) | (0.0892) |
| Health |  | 0.124\*\*\* | 0.124\*\*\* |  |  | 0.117\*\*\* | 0.116\*\*\* |  | 0.0700 | 0.0706 |
|  |  | (0.0235) | (0.0235) |  |  | (0.0323) | (0.0322) |  | (0.0453) | (0.0453) |
| Working overtime |  |  | 0.0457 |  |  |  | 0.0705 |  |  | -0.0600 |
|  |  |  | (0.0350) |  |  |  | (0.0498) |  |  | (0.0701) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.021 | 0.049 | 0.049 |  | 0.036 | 0.067 | 0.069 | 0.002 | 0.013 | 0.014 |
|  | | | | | | | | | | |

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| **Table 3: F15-2 Scared\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | 0.0186 | 0.00850 | 0.00900 |  | 0.0180 | 0.0152 | 0.0155 | -0.00403 | 0.00564 | 0.00601 |
|  | (0.0383) | (0.0385) | (0.0385) |  | (0.0541) | (0.0547) | (0.0547) | (0.0710) | (0.0718) | (0.0722) |
| Age/10 | 0.203 | 0.164 | 0.168 |  | 0.152 | 0.0983 | 0.100 |  |  |  |
|  | (0.126) | (0.137) | (0.138) |  | (0.181) | (0.195) | (0.197) |  |  |  |
| Age2/100 | -0.0137 | -0.00827 | -0.00851 |  | -0.00923 | 0.00582 | 0.00565 |  |  |  |
|  | (0.0168) | (0.0176) | (0.0176) |  | (0.0238) | (0.0250) | (0.0251) |  |  |  |
| Male | 0.0399 | 0.0311 | 0.0299 |  | 0.0610 | 0.0571 | 0.0566 |  |  |  |
|  | (0.0356) | (0.0361) | (0.0361) |  | (0.0510) | (0.0524) | (0.0524) |  |  |  |
| Birth Weight | 0.00497 | -0.00103 | -0.00105 |  | -0.00225 | -0.00919 | -0.00910 | -0.0940 | -0.0941 | -0.0957 |
|  | (0.0286) | (0.0284) | (0.0284) |  | (0.0403) | (0.0400) | (0.0400) | (0.0648) | (0.0647) | (0.0637) |
| Early Disease | -0.218\* | -0.189 | -0.189 |  | 0.0119 | 0.0226 | 0.0225 | 0.147 | 0.152 | 0.178 |
|  | (0.125) | (0.125) | (0.125) |  | (0.180) | (0.175) | (0.176) | (0.281) | (0.279) | (0.260) |
| Log(Income) |  | -5.40e-05 | -0.00242 |  |  | -0.00873 | -0.00948 |  | 0.00844 | 0.0301 |
|  |  | (0.0240) | (0.0244) |  |  | (0.0342) | (0.0345) |  | (0.0450) | (0.0454) |
| Married |  | 0.0535 | 0.0527 |  |  | 0.0690 | 0.0685 |  | 0.0527 | 0.0726 |
|  |  | (0.0441) | (0.0442) |  |  | (0.0613) | (0.0615) |  | (0.0622) | (0.0608) |
| Health |  | 0.0825\*\*\* | 0.0824\*\*\* |  |  | 0.0828\*\*\* | 0.0827\*\*\* |  | 0.0570 | 0.0588 |
|  |  | (0.0220) | (0.0220) |  |  | (0.0301) | (0.0302) |  | (0.0372) | (0.0373) |
| Working overtime |  |  | 0.0213 |  |  |  | 0.00755 |  |  | -0.187\*\*\* |
|  |  |  | (0.0334) |  |  |  | (0.0489) |  |  | (0.0593) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.021 | 0.028 | 0.028 |  | 0.036 | 0.044 | 0.044 | 0.003 | 0.007 | 0.022 |

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| **Table 3: F15-3 Happiness\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | 0.0754\*\* | 0.0391 | 0.0380 |  | 0.0647 | 0.0358 | 0.0334 | 0.142\* | 0.160\*\* | 0.160\*\* |
|  | (0.0367) | (0.0362) | (0.0361) |  | (0.0522) | (0.0518) | (0.0516) | (0.0790) | (0.0791) | (0.0790) |
| Age/10 | -0.0974 | -0.289\*\* | -0.298\*\* |  | -0.180 | -0.269 | -0.287\* |  |  |  |
|  | (0.116) | (0.127) | (0.127) |  | (0.155) | (0.173) | (0.174) |  |  |  |
| Age2/100 | 0.00748 | 0.0305\* | 0.0310\* |  | 0.0210 | 0.0324 | 0.0339 |  |  |  |
|  | (0.0158) | (0.0166) | (0.0166) |  | (0.0209) | (0.0223) | (0.0224) |  |  |  |
| Male | -0.107\*\*\* | -0.137\*\*\* | -0.135\*\*\* |  | -0.1000\*\* | -0.141\*\*\* | -0.137\*\*\* |  |  |  |
|  | (0.0327) | (0.0328) | (0.0328) |  | (0.0455) | (0.0460) | (0.0459) |  |  |  |
| Birth Weight | 0.000586 | -0.0175 | -0.0174 |  | 0.0401 | 0.0191 | 0.0183 | 0.0250 | 0.00896 | 0.00847 |
|  | (0.0271) | (0.0265) | (0.0264) |  | (0.0354) | (0.0329) | (0.0329) | (0.0684) | (0.0648) | (0.0645) |
| Early Disease | 0.0641 | 0.143 | 0.143 |  | 0.150 | 0.219 | 0.221 | -0.0225 | 0.0151 | 0.0232 |
|  | (0.0994) | (0.0932) | (0.0935) |  | (0.141) | (0.142) | (0.142) | (0.226) | (0.235) | (0.235) |
| Log(Income) |  | 0.118\*\*\* | 0.123\*\*\* |  |  | 0.120\*\*\* | 0.126\*\*\* |  | 0.0867\* | 0.0935\* |
|  |  | (0.0211) | (0.0215) |  |  | (0.0286) | (0.0291) |  | (0.0483) | (0.0482) |
| Married |  | 0.149\*\*\* | 0.151\*\*\* |  |  | 0.0817 | 0.0864 |  | 0.0922 | 0.0984 |
|  |  | (0.0420) | (0.0420) |  |  | (0.0609) | (0.0608) |  | (0.0693) | (0.0700) |
| Health |  | 0.108\*\*\* | 0.108\*\*\* |  |  | 0.114\*\*\* | 0.115\*\*\* |  | 0.145\*\*\* | 0.146\*\*\* |
|  |  | (0.0201) | (0.0201) |  |  | (0.0272) | (0.0273) |  | (0.0375) | (0.0375) |
| Working overtime |  |  | -0.0459 |  |  |  | -0.0675 |  |  | -0.0582 |
|  |  |  | (0.0308) |  |  |  | (0.0420) |  |  | (0.0559) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.052 | 0.053 |  | 0.019 | 0.056 | 0.058 | 0.006 | 0.036 | 0.038 |
|  | | | | | | | | | | |

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| **Table 3: F15-4 Angry\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | 0.0815\*\* | 0.0760\* | 0.0766\* |  | 0.0688 | 0.0658 | 0.0654 | -0.170\* | -0.145 | -0.145 |
|  | (0.0402) | (0.0401) | (0.0400) |  | (0.0590) | (0.0594) | (0.0594) | (0.0914) | (0.0914) | (0.0915) |
| Age/10 | -0.0922 | -0.0693 | -0.0650 |  | -0.190 | -0.200 | -0.202 |  |  |  |
|  | (0.128) | (0.143) | (0.143) |  | (0.189) | (0.208) | (0.208) |  |  |  |
| Age2/100 | 0.0206 | 0.0195 | 0.0192 |  | 0.0333 | 0.0358 | 0.0360 |  |  |  |
|  | (0.0176) | (0.0188) | (0.0188) |  | (0.0257) | (0.0274) | (0.0274) |  |  |  |
| Male | -0.0765\*\* | -0.0855\*\* | -0.0867\*\* |  | -0.0849 | -0.0964\* | -0.0958\* |  |  |  |
|  | (0.0369) | (0.0373) | (0.0373) |  | (0.0535) | (0.0545) | (0.0544) |  |  |  |
| Birth Weight | 0.0131 | 0.00803 | 0.00801 |  | -0.0574 | -0.0681\* | -0.0683\* | -0.222\*\* | -0.223\*\* | -0.224\*\* |
|  | (0.0298) | (0.0293) | (0.0293) |  | (0.0408) | (0.0391) | (0.0391) | (0.105) | (0.105) | (0.105) |
| Early Disease | -0.0794 | -0.0536 | -0.0533 |  | 0.210 | 0.234 | 0.235 | 0.387\* | 0.404\*\* | 0.407\*\* |
|  | (0.140) | (0.139) | (0.138) |  | (0.193) | (0.186) | (0.187) | (0.217) | (0.205) | (0.207) |
| Log(Income) |  | -0.0180 | -0.0207 |  |  | -0.00184 | -0.000868 |  | -0.0175 | -0.0145 |
|  |  | (0.0229) | (0.0233) |  |  | (0.0331) | (0.0338) |  | (0.0511) | (0.0518) |
| Married |  | 0.0128 | 0.0119 |  |  | 0.0425 | 0.0432 |  | 0.0347 | 0.0374 |
|  |  | (0.0436) | (0.0436) |  |  | (0.0616) | (0.0614) |  | (0.0755) | (0.0760) |
| Health |  | 0.0900\*\*\* | 0.0898\*\*\* |  |  | 0.115\*\*\* | 0.116\*\*\* |  | 0.114\*\* | 0.114\*\* |
|  |  | (0.0225) | (0.0225) |  |  | (0.0330) | (0.0330) |  | (0.0452) | (0.0453) |
| Working overtime |  |  | 0.0238 |  |  |  | -0.00981 |  |  | -0.0254 |
|  |  |  | (0.0336) |  |  |  | (0.0477) |  |  | (0.0617) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.019 | 0.027 | 0.027 |  | 0.029 | 0.042 | 0.042 | 0.022 | 0.034 | 0.034 |
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| **Table 3: F15-5 Hateful\_4scale** | | | | | | | | | | | |
| Sample | All Twins | | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS | |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | 0.00602 | -0.0135 | | -0.0125 |  | -0.00670 | -0.0149 | -0.0147 | -0.114 | -0.0949 | -0.0949 |
|  | (0.0414) | (0.0407) | | (0.0407) |  | (0.0591) | (0.0580) | (0.0580) | (0.0940) | (0.0925) | (0.0926) |
| Age/10 | 0.0318 | -0.129 | | -0.121 |  | -0.125 | -0.302 | -0.301 |  |  |  |
|  | (0.126) | (0.142) | | (0.141) |  | (0.176) | (0.202) | (0.201) |  |  |  |
| Age2/100 | 0.0108 | 0.0299 | | 0.0294 |  | 0.0325 | 0.0531\*\* | 0.0530\*\* |  |  |  |
|  | (0.0170) | (0.0183) | | (0.0183) |  | (0.0234) | (0.0257) | (0.0257) |  |  |  |
| Male | -0.0853\*\* | -0.0927\*\* | | -0.0949\*\* |  | -0.0924\* | -0.0946\* | -0.0949\* |  |  |  |
|  | (0.0373) | (0.0374) | | (0.0374) |  | (0.0529) | (0.0541) | (0.0542) |  |  |  |
| Birth Weight | 0.00469 | -0.00393 | | -0.00397 |  | -0.0235 | -0.0356 | -0.0355 | -0.0386 | -0.0311 | -0.0311 |
|  | (0.0299) | (0.0295) | | (0.0295) |  | (0.0421) | (0.0418) | (0.0417) | (0.0673) | (0.0690) | (0.0691) |
| Early Disease | -0.137 | -0.0991 | | -0.0986 |  | 0.187 | 0.199 | 0.199 | 0.287 | 0.281 | 0.281 |
|  | (0.149) | (0.145) | | (0.144) |  | (0.206) | (0.200) | (0.200) | (0.288) | (0.277) | (0.277) |
| Log(Income) |  | -0.00672 | | -0.0113 |  |  | -0.0179 | -0.0184 |  | 0.0171 | 0.0170 |
|  |  | (0.0236) | | (0.0239) |  |  | (0.0342) | (0.0346) |  | (0.0549) | (0.0555) |
| Married |  | 0.163\*\*\* | | 0.161\*\*\* |  |  | 0.189\*\*\* | 0.188\*\*\* |  | 0.189\*\* | 0.189\*\* |
|  |  | (0.0465) | | (0.0465) |  |  | (0.0709) | (0.0709) |  | (0.0875) | (0.0874) |
| Health |  | 0.129\*\*\* | | 0.129\*\*\* |  |  | 0.149\*\*\* | 0.149\*\*\* |  | 0.119\*\* | 0.119\*\* |
|  |  | (0.0224) | | (0.0224) |  |  | (0.0312) | (0.0312) |  | (0.0482) | (0.0481) |
| Working overtime |  |  | | 0.0408 |  |  |  | 0.00453 |  |  | 0.000878 |
|  |  |  | | (0.0351) |  |  |  | (0.0507) |  |  | (0.0640) |
| Twin pairs |  |  | |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.027 | 0.047 | | 0.047 |  | 0.034 | 0.060 | 0.060 | 0.005 | 0.024 | 0.024 |
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| **Table 3: F16-1 Sad\_hide\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | 0.0293 | 0.0500 | 0.0494 |  | -0.0689 | -0.0559 | -0.0586 | -0.106 | -0.104 | -0.104 |
|  | (0.0526) | (0.0524) | (0.0524) |  | (0.0776) | (0.0770) | (0.0771) | (0.117) | (0.116) | (0.116) |
| Age/10 | -0.503\*\*\* | -0.423\*\* | -0.428\*\* |  | -0.617\*\* | -0.669\*\* | -0.690\*\*\* |  |  |  |
|  | (0.168) | (0.183) | (0.183) |  | (0.242) | (0.260) | (0.262) |  |  |  |
| Age2/100 | 0.0605\*\*\* | 0.0501\*\* | 0.0504\*\* |  | 0.0714\*\* | 0.0754\*\* | 0.0771\*\* |  |  |  |
|  | (0.0226) | (0.0236) | (0.0236) |  | (0.0319) | (0.0332) | (0.0333) |  |  |  |
| Male | -0.0296 | -0.00974 | -0.00842 |  | 0.0958 | 0.127\* | 0.132\* |  |  |  |
|  | (0.0487) | (0.0492) | (0.0491) |  | (0.0691) | (0.0703) | (0.0701) |  |  |  |
| Birth Weight | -0.0399 | -0.0280 | -0.0280 |  | -0.0521 | -0.0377 | -0.0386 | -0.176\* | -0.166\* | -0.166\* |
|  | (0.0401) | (0.0398) | (0.0398) |  | (0.0545) | (0.0542) | (0.0541) | (0.0942) | (0.0926) | (0.0928) |
| Early Disease | -0.0303 | -0.0821 | -0.0824 |  | 0.0286 | -0.0241 | -0.0224 | -0.0279 | -0.0447 | -0.0472 |
|  | (0.187) | (0.190) | (0.191) |  | (0.281) | (0.285) | (0.283) | (0.329) | (0.335) | (0.336) |
| Log(Income) |  | -0.0593\* | -0.0566\* |  |  | -0.0703 | -0.0627 |  | -0.0470 | -0.0491 |
|  |  | (0.0322) | (0.0329) |  |  | (0.0459) | (0.0470) |  | (0.0730) | (0.0745) |
| Married |  | -0.0717 | -0.0707 |  |  | 0.0286 | 0.0340 |  | 0.00521 | 0.00330 |
|  |  | (0.0571) | (0.0572) |  |  | (0.0841) | (0.0842) |  | (0.105) | (0.106) |
| Health |  | -0.086\*\*\* | -0.086\*\*\* |  |  | -0.0871\*\* | -0.0857\*\* |  | -0.0177 | -0.0179 |
|  |  | (0.0306) | (0.0306) |  |  | (0.0435) | (0.0434) |  | (0.0650) | (0.0651) |
| Working overtime |  |  | -0.0243 |  |  |  | -0.0769 |  |  | 0.0179 |
|  |  |  | (0.0462) |  |  |  | (0.0684) |  |  | (0.0932) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.017 | 0.024 | 0.024 |  | 0.031 | 0.038 | 0.039 | 0.006 | 0.007 | 0.007 |
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| **Table 3: F16-2 Scared\_hide\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | -0.0325 | -0.0214 | -0.0226 |  | -0.0607 | -0.0533 | -0.0577 | -0.0407 | -0.0317 | -0.0316 |
|  | (0.0561) | (0.0565) | (0.0566) |  | (0.0801) | (0.0809) | (0.0812) | (0.109) | (0.108) | (0.109) |
| Age/10 | -0.225 | -0.280 | -0.289 |  | -0.594\*\* | -0.687\*\* | -0.722\*\* |  |  |  |
|  | (0.188) | (0.204) | (0.204) |  | (0.275) | (0.300) | (0.302) |  |  |  |
| Age2/100 | 0.0188 | 0.0233 | 0.0239 |  | 0.0607\* | 0.0701\* | 0.0728\* |  |  |  |
|  | (0.0249) | (0.0262) | (0.0262) |  | (0.0359) | (0.0379) | (0.0380) |  |  |  |
| Male | -0.193\*\*\* | -0.170\*\*\* | -0.168\*\*\* |  | -0.107 | -0.0838 | -0.0761 |  |  |  |
|  | (0.0548) | (0.0556) | (0.0557) |  | (0.0788) | (0.0806) | (0.0804) |  |  |  |
| Birth Weight | -0.0622 | -0.0525 | -0.0525 |  | -0.0529 | -0.0459 | -0.0473 | -0.168 | -0.157 | -0.158 |
|  | (0.0438) | (0.0436) | (0.0436) |  | (0.0612) | (0.0612) | (0.0608) | (0.102) | (0.100) | (0.101) |
| Early Disease | 0.131 | 0.0886 | 0.0884 |  | 0.124 | 0.0884 | 0.0911 | 0.296 | 0.281 | 0.289 |
|  | (0.207) | (0.209) | (0.209) |  | (0.312) | (0.310) | (0.307) | (0.188) | (0.192) | (0.192) |
| Log(Income) |  | -0.0647\* | -0.0600\* |  |  | -0.0592 | -0.0468 |  | -0.0355 | -0.0291 |
|  |  | (0.0346) | (0.0352) |  |  | (0.0482) | (0.0488) |  | (0.0715) | (0.0734) |
| Married |  | 0.0467 | 0.0485 |  |  | 0.0803 | 0.0892 |  | 0.0630 | 0.0689 |
|  |  | (0.0632) | (0.0634) |  |  | (0.0932) | (0.0946) |  | (0.0959) | (0.0971) |
| Health |  | -0.0459 | -0.0455 |  |  | -0.0174 | -0.0151 |  | 0.0301 | 0.0307 |
|  |  | (0.0334) | (0.0333) |  |  | (0.0471) | (0.0470) |  | (0.0654) | (0.0652) |
| Working overtime |  |  | -0.0430 |  |  |  | -0.125\* |  |  | -0.0556 |
|  |  |  | (0.0516) |  |  |  | (0.0744) |  |  | (0.0861) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.017 | 0.020 | 0.020 |  | 0.027 | 0.029 | 0.031 | 0.006 | 0.007 | 0.007 |
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| **Table 3: F16-3 Happiness\_hide\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | 0.0425 | 0.0392 | 0.0400 |  | -0.0437 | -0.0578 | -0.0572 | 0.0537 | 0.0541 | 0.0540 |
|  | (0.0559) | (0.0561) | (0.0561) |  | (0.0806) | (0.0811) | (0.0812) | (0.108) | (0.109) | (0.108) |
| Age/10 | -0.307\* | -0.226 | -0.219 |  | -0.165 | -0.114 | -0.109 |  |  |  |
|  | (0.185) | (0.203) | (0.203) |  | (0.274) | (0.298) | (0.301) |  |  |  |
| Age2/100 | 0.0308 | 0.0224 | 0.0220 |  | 0.0132 | 0.00777 | 0.00737 |  |  |  |
|  | (0.0247) | (0.0262) | (0.0262) |  | (0.0364) | (0.0384) | (0.0387) |  |  |  |
| Male | -0.0659 | -0.0810 | -0.0829 |  | -0.105 | -0.129 | -0.130\* |  |  |  |
|  | (0.0534) | (0.0540) | (0.0540) |  | (0.0769) | (0.0787) | (0.0787) |  |  |  |
| Birth Weight | -0.0892\*\* | -0.0936\*\* | -0.0936\*\* |  | -0.144\*\* | -0.149\*\*\* | -0.149\*\*\* | -0.118 | -0.144 | -0.143 |
|  | (0.0412) | (0.0412) | (0.0412) |  | (0.0561) | (0.0557) | (0.0558) | (0.111) | (0.109) | (0.110) |
| Early Disease | -0.0144 | 0.00604 | 0.00644 |  | 0.118 | 0.154 | 0.153 | -0.324 | -0.276 | -0.283 |
|  | (0.204) | (0.204) | (0.203) |  | (0.321) | (0.316) | (0.315) | (0.455) | (0.450) | (0.446) |
| Log(Income) |  | 0.0701\*\* | 0.0662\* |  |  | 0.0920\* | 0.0902\* |  | 0.0722 | 0.0658 |
|  |  | (0.0332) | (0.0338) |  |  | (0.0492) | (0.0500) |  | (0.0701) | (0.0709) |
| Married |  | -0.0885 | -0.0899 |  |  | -0.0676 | -0.0689 |  | -0.110 | -0.116 |
|  |  | (0.0622) | (0.0622) |  |  | (0.0935) | (0.0939) |  | (0.115) | (0.115) |
| Health |  | -0.0286 | -0.0288 |  |  | -0.0309 | -0.0313 |  | 0.0312 | 0.0307 |
|  |  | (0.0311) | (0.0311) |  |  | (0.0441) | (0.0441) |  | (0.0622) | (0.0625) |
| Working overtime |  |  | 0.0353 |  |  |  | 0.0182 |  |  | 0.0559 |
|  |  |  | (0.0501) |  |  |  | (0.0748) |  |  | (0.0985) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.030 | 0.033 | 0.033 |  | 0.033 | 0.037 | 0.037 | 0.004 | 0.008 | 0.009 |
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| **Table 3: F16-4 Angry\_hide\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | 0.0576 | 0.0632 | 0.0628 |  | -0.0195 | -0.0200 | -0.0235 | -0.166 | -0.161 | -0.162 |
|  | (0.0523) | (0.0522) | (0.0522) |  | (0.0761) | (0.0763) | (0.0762) | (0.108) | (0.110) | (0.108) |
| Age/10 | -0.218 | -0.247 | -0.250 |  | -0.384 | -0.452\* | -0.479\* |  |  |  |
|  | (0.170) | (0.186) | (0.186) |  | (0.250) | (0.270) | (0.270) |  |  |  |
| Age2/100 | 0.0211 | 0.0229 | 0.0231 |  | 0.0415 | 0.0479 | 0.0501 |  |  |  |
|  | (0.0229) | (0.0243) | (0.0243) |  | (0.0334) | (0.0351) | (0.0351) |  |  |  |
| Male | -0.123\*\* | -0.112\*\* | -0.111\*\* |  | -0.0973 | -0.0859 | -0.0798 |  |  |  |
|  | (0.0480) | (0.0487) | (0.0488) |  | (0.0705) | (0.0726) | (0.0723) |  |  |  |
| Birth Weight | -0.0176 | -0.0123 | -0.0123 |  | -0.0340 | -0.0277 | -0.0289 | -0.109 | -0.0981 | -0.0968 |
|  | (0.0406) | (0.0407) | (0.0407) |  | (0.0570) | (0.0571) | (0.0568) | (0.0856) | (0.0845) | (0.0841) |
| Early Disease | 0.0445 | 0.0186 | 0.0184 |  | 0.143 | 0.122 | 0.124 | -0.163 | -0.182 | -0.202 |
|  | (0.181) | (0.183) | (0.184) |  | (0.280) | (0.280) | (0.282) | (0.411) | (0.410) | (0.408) |
| Log(Income) |  | 0.00737 | 0.00921 |  |  | -0.00511 | 0.00468 |  | -0.0248 | -0.0413 |
|  |  | (0.0319) | (0.0326) |  |  | (0.0478) | (0.0488) |  | (0.0671) | (0.0668) |
| Married |  | -0.00186 | -0.00123 |  |  | 0.0370 | 0.0440 |  | 0.0782 | 0.0629 |
|  |  | (0.0558) | (0.0559) |  |  | (0.0803) | (0.0808) |  | (0.104) | (0.103) |
| Health |  | -0.0788\*\*\* | -0.0787\*\*\* |  |  | -0.0607 | -0.0589 |  | 0.0138 | 0.0124 |
|  |  | (0.0300) | (0.0300) |  |  | (0.0439) | (0.0437) |  | (0.0633) | (0.0637) |
| Working overtime |  |  | -0.0165 |  |  |  | -0.0989 |  |  | 0.143 |
|  |  |  | (0.0459) |  |  |  | (0.0667) |  |  | (0.0886) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.018 | 0.021 | 0.021 |  | 0.023 | 0.025 | 0.027 | 0.006 | 0.007 | 0.011 |
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| **Table 3: F16-5 Hateful\_hide\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | 0.0184 | 0.0241 | 0.0222 |  | -0.0558 | -0.0564 | -0.0627 | -0.111 | -0.0929 | -0.0929 |
|  | (0.0527) | (0.0528) | (0.0527) |  | (0.0772) | (0.0772) | (0.0767) | (0.114) | (0.116) | (0.116) |
| Age/10 | -0.312\* | -0.320 | -0.333\* |  | -0.548\*\* | -0.552\* | -0.602\*\* |  |  |  |
|  | (0.180) | (0.198) | (0.198) |  | (0.260) | (0.285) | (0.287) |  |  |  |
| Age2/100 | 0.0339 | 0.0339 | 0.0348 |  | 0.0604\* | 0.0607\* | 0.0648\* |  |  |  |
|  | (0.0241) | (0.0256) | (0.0256) |  | (0.0346) | (0.0366) | (0.0368) |  |  |  |
| Male | -0.101\*\* | -0.0931\* | -0.0893\* |  | -0.0414 | -0.0414 | -0.0302 |  |  |  |
|  | (0.0503) | (0.0514) | (0.0514) |  | (0.0723) | (0.0750) | (0.0746) |  |  |  |
| Birth Weight | -0.0532 | -0.0487 | -0.0486 |  | -0.0600 | -0.0595 | -0.0616 | -0.136 | -0.135 | -0.135 |
|  | (0.0410) | (0.0411) | (0.0410) |  | (0.0544) | (0.0547) | (0.0542) | (0.0928) | (0.0924) | (0.0925) |
| Early Disease | 0.0864 | 0.0649 | 0.0640 |  | 0.203 | 0.202 | 0.206 | 0.0338 | 0.0433 | 0.0431 |
|  | (0.198) | (0.199) | (0.201) |  | (0.313) | (0.314) | (0.317) | (0.334) | (0.326) | (0.325) |
| Log(Income) |  | -0.00262 | 0.00534 |  |  | 0.00335 | 0.0214 |  | -0.0190 | -0.0192 |
|  |  | (0.0319) | (0.0323) |  |  | (0.0460) | (0.0463) |  | (0.0733) | (0.0743) |
| Married |  | -0.00911 | -0.00633 |  |  | 0.000321 | 0.0132 |  | 0.0275 | 0.0273 |
|  |  | (0.0593) | (0.0596) |  |  | (0.0898) | (0.0910) |  | (0.104) | (0.104) |
| Health |  | -0.0563\* | -0.0558\* |  |  | -0.00745 | -0.00415 |  | 0.0798 | 0.0798 |
|  |  | (0.0312) | (0.0312) |  |  | (0.0453) | (0.0450) |  | (0.0621) | (0.0620) |
| Working overtime |  |  | -0.0716 |  |  |  | -0.182\*\*\* |  |  | 0.00170 |
|  |  |  | (0.0465) |  |  |  | (0.0678) |  |  | (0.0878) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.018 | 0.020 | 0.021 |  | 0.031 | 0.031 | 0.037 | 0.004 | 0.007 | 0.007 |
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| **Table 3: F17-1 Sad\_control\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | -0.0622 | -0.0495 | -0.0486 |  | -0.0415 | -0.0301 | -0.0280 | -0.0661 | -0.0519 | -0.0519 |
|  | (0.0421) | (0.0417) | (0.0417) |  | (0.0573) | (0.0575) | (0.0573) | (0.0813) | (0.0805) | (0.0805) |
| Age/10 | -0.277\*\* | -0.176 | -0.169 |  | -0.264 | -0.198 | -0.181 |  |  |  |
|  | (0.139) | (0.156) | (0.156) |  | (0.188) | (0.209) | (0.211) |  |  |  |
| Age2/100 | 0.0266 | 0.0151 | 0.0146 |  | 0.0212 | 0.0133 | 0.0119 |  |  |  |
|  | (0.0186) | (0.0201) | (0.0201) |  | (0.0245) | (0.0261) | (0.0262) |  |  |  |
| Male | -0.0956\*\* | -0.0891\*\* | -0.0909\*\* |  | -0.0884 | -0.0755 | -0.0794 |  |  |  |
|  | (0.0400) | (0.0405) | (0.0405) |  | (0.0542) | (0.0544) | (0.0543) |  |  |  |
| Birth Weight | -0.0411 | -0.0357 | -0.0357 |  | -0.0346 | -0.0267 | -0.0260 | 0.00134 | -0.00378 | -0.00360 |
|  | (0.0329) | (0.0325) | (0.0324) |  | (0.0418) | (0.0410) | (0.0409) | (0.0997) | (0.100) | (0.100) |
| Early Disease | 0.119 | 0.0966 | 0.0971 |  | -0.0814 | -0.104 | -0.106 | -0.191 | -0.172 | -0.175 |
|  | (0.145) | (0.145) | (0.145) |  | (0.158) | (0.157) | (0.159) | (0.271) | (0.275) | (0.276) |
| Log(Income) |  | -0.0335 | -0.0373 |  |  | -0.0390 | -0.0452 |  | -0.0218 | -0.0243 |
|  |  | (0.0254) | (0.0258) |  |  | (0.0346) | (0.0352) |  | (0.0494) | (0.0501) |
| Married |  | -0.0796 | -0.0808 |  |  | -0.0602 | -0.0646 |  | -0.0573 | -0.0596 |
|  |  | (0.0508) | (0.0508) |  |  | (0.0715) | (0.0718) |  | (0.0850) | (0.0849) |
| Health |  | -0.0331 | -0.0333 |  |  | -0.0500 | -0.0511 |  | 0.0512 | 0.0509 |
|  |  | (0.0244) | (0.0244) |  |  | (0.0344) | (0.0344) |  | (0.0500) | (0.0499) |
| Working overtime |  |  | 0.0337 |  |  |  | 0.0626 |  |  | 0.0218 |
|  |  |  | (0.0379) |  |  |  | (0.0534) |  |  | (0.0713) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.017 | 0.020 | 0.021 |  | 0.026 | 0.030 | 0.031 | 0.002 | 0.005 | 0.005 |
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| **Table 3: F17-2 Scared\_control\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | -0.0827\* | -0.0816\* | -0.0789 |  | -0.0668 | -0.0657 | -0.0627 | 0.0338 | 0.0479 | 0.0479 |
|  | (0.0491) | (0.0492) | (0.0491) |  | (0.0658) | (0.0665) | (0.0663) | (0.0922) | (0.0925) | (0.0925) |
| Age/10 | -0.248 | -0.298 | -0.279 |  | -0.296 | -0.321 | -0.297 |  |  |  |
|  | (0.165) | (0.182) | (0.182) |  | (0.229) | (0.251) | (0.253) |  |  |  |
| Age2/100 | 0.0214 | 0.0262 | 0.0249 |  | 0.0262 | 0.0285 | 0.0266 |  |  |  |
|  | (0.0220) | (0.0234) | (0.0234) |  | (0.0297) | (0.0316) | (0.0317) |  |  |  |
| Male | -0.167\*\*\* | -0.159\*\*\* | -0.164\*\*\* |  | -0.102 | -0.0953 | -0.101 |  |  |  |
|  | (0.0482) | (0.0485) | (0.0484) |  | (0.0654) | (0.0663) | (0.0662) |  |  |  |
| Birth Weight | -0.0799\*\* | -0.0773\*\* | -0.0773\*\* |  | -0.0411 | -0.0378 | -0.0368 | -0.0566 | -0.0689 | -0.0689 |
|  | (0.0376) | (0.0376) | (0.0374) |  | (0.0480) | (0.0476) | (0.0474) | (0.0720) | (0.0742) | (0.0743) |
| Early Disease | 0.240 | 0.226 | 0.227 |  | 0.122 | 0.111 | 0.109 | 0.203 | 0.234 | 0.234 |
|  | (0.193) | (0.195) | (0.194) |  | (0.205) | (0.202) | (0.205) | (0.237) | (0.244) | (0.245) |
| Log(Income) |  | -0.00852 | -0.0195 |  |  | -0.00803 | -0.0166 |  | 0.0314 | 0.0307 |
|  |  | (0.0291) | (0.0295) |  |  | (0.0406) | (0.0410) |  | (0.0531) | (0.0547) |
| Married |  | 0.0344 | 0.0307 |  |  | 0.0133 | 0.00722 |  | -0.0112 | -0.0119 |
|  |  | (0.0570) | (0.0569) |  |  | (0.0793) | (0.0797) |  | (0.0849) | (0.0856) |
| Health |  | -0.0242 | -0.0251 |  |  | -0.0278 | -0.0293 |  | 0.0850\* | 0.0849\* |
|  |  | (0.0273) | (0.0274) |  |  | (0.0388) | (0.0388) |  | (0.0509) | (0.0510) |
| Working overtime |  |  | 0.0983\*\* |  |  |  | 0.0867 |  |  | 0.00625 |
|  |  |  | (0.0435) |  |  |  | (0.0604) |  |  | (0.0651) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.035 | 0.035 | 0.037 |  | 0.033 | 0.034 | 0.036 | 0.002 | 0.008 | 0.008 |
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| **Table 3: F17-3 Happiness\_control\_4scale** | | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE | |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) | |
| House Ownership | -0.0247 | -0.0114 | -0.00945 |  | 0.0213 | 0.0383 | 0.0401 | 0.0282 | 0.0550 | 0.0550 |
|  | (0.0477) | (0.0477) | (0.0476) |  | (0.0620) | (0.0625) | (0.0624) | (0.0973) | (0.0941) | (0.0941) |
| Age/10 | -0.322\*\* | -0.211 | -0.195 |  | -0.289 | -0.162 | -0.148 |  |  |  |
|  | (0.156) | (0.177) | (0.177) |  | (0.210) | (0.237) | (0.239) |  |  |  |
| Age2/100 | 0.0209 | 0.00835 | 0.00740 |  | 0.0182 | 0.00390 | 0.00278 |  |  |  |
|  | (0.0207) | (0.0226) | (0.0226) |  | (0.0274) | (0.0297) | (0.0299) |  |  |  |
| Male | -0.0443 | -0.0381 | -0.0425 |  | -0.0505 | -0.0367 | -0.0398 |  |  |  |
|  | (0.0439) | (0.0446) | (0.0446) |  | (0.0595) | (0.0606) | (0.0604) |  |  |  |
| Birth Weight | -0.0450 | -0.0397 | -0.0398 |  | -0.0413 | -0.0324 | -0.0319 | 0.0815 | 0.0673 | 0.0674 |
|  | (0.0371) | (0.0368) | (0.0367) |  | (0.0488) | (0.0478) | (0.0478) | (0.0979) | (0.0981) | (0.0984) |
| Early Disease | -0.0589 | -0.0802 | -0.0792 |  | -0.352\*\*\* | -0.376\*\*\* | -0.377\*\*\* | -0.615\*\* | -0.567\*\* | -0.569\*\* |
|  | (0.152) | (0.151) | (0.152) |  | (0.114) | (0.122) | (0.124) | (0.267) | (0.271) | (0.270) |
| Log(Income) |  | -0.0386 | -0.0479\* |  |  | -0.0551 | -0.0601 |  | -0.0771 | -0.0791 |
|  |  | (0.0270) | (0.0277) |  |  | (0.0385) | (0.0397) |  | (0.0596) | (0.0604) |
| Married |  | -0.0842 | -0.0874 |  |  | -0.105 | -0.108 |  | -0.244\*\* | -0.246\*\* |
|  |  | (0.0604) | (0.0603) |  |  | (0.0830) | (0.0831) |  | (0.104) | (0.105) |
| Health |  | -0.0268 | -0.0274 |  |  | -0.0462 | -0.0471 |  | 0.0628 | 0.0626 |
|  |  | (0.0267) | (0.0266) |  |  | (0.0373) | (0.0372) |  | (0.0574) | (0.0574) |
| Working overtime |  |  | 0.0844\* |  |  |  | 0.0508 |  |  | 0.0168 |
|  |  |  | (0.0433) |  |  |  | (0.0599) |  |  | (0.0753) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 | |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 | |
| R-squared | 0.040 | 0.042 | 0.044 |  | 0.041 | 0.046 | 0.047 | 0.009 | 0.024 | 0.024 | |  |
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| **Table 3: F17-4 Angry\_control\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | -0.0245 | -0.0165 | -0.0171 |  | 0.0243 | 0.0300 | 0.0286 | 0.0730 | 0.0692 | 0.0693 |
|  | (0.0473) | (0.0472) | (0.0472) |  | (0.0640) | (0.0646) | (0.0645) | (0.0903) | (0.0926) | (0.0927) |
| Age/10 | -0.329\*\* | -0.272 | -0.277 |  | -0.413\*\* | -0.232 | -0.243 |  |  |  |
|  | (0.150) | (0.171) | (0.171) |  | (0.206) | (0.230) | (0.231) |  |  |  |
| Age2/100 | 0.0257 | 0.0189 | 0.0191 |  | 0.0366 | 0.0171 | 0.0180 |  |  |  |
|  | (0.0200) | (0.0218) | (0.0218) |  | (0.0268) | (0.0289) | (0.0289) |  |  |  |
| Male | -0.0645 | -0.0598 | -0.0586 |  | -0.00653 | -0.0168 | -0.0143 |  |  |  |
|  | (0.0438) | (0.0444) | (0.0445) |  | (0.0611) | (0.0623) | (0.0624) |  |  |  |
| Birth Weight | -0.0538 | -0.0498 | -0.0498 |  | -0.0224 | -0.0213 | -0.0218 | -0.0016 | -0.0173 | -0.0176 |
|  | (0.0352) | (0.0352) | (0.0352) |  | (0.0436) | (0.0439) | (0.0440) | (0.101) | (0.104) | (0.103) |
| Early Disease | 0.0860 | 0.0686 | 0.0683 |  | -0.0941 | -0.0809 | -0.0800 | -0.210 | -0.181 | -0.176 |
|  | (0.146) | (0.146) | (0.146) |  | (0.156) | (0.156) | (0.154) | (0.270) | (0.259) | (0.258) |
| Log(Income) |  | -0.00289 | -0.000331 |  |  | 0.0159 | 0.0199 |  | 0.0195 | 0.0238 |
|  |  | (0.0293) | (0.0297) |  |  | (0.0420) | (0.0427) |  | (0.0638) | (0.0648) |
| Married |  | -0.0576 | -0.0567 |  |  | -0.156\*\* | -0.153\* |  | -0.139\* | -0.135\* |
|  |  | (0.0570) | (0.0570) |  |  | (0.0783) | (0.0784) |  | (0.0807) | (0.0811) |
| Health |  | -0.0513\* | -0.0512\* |  |  | -0.0299 | -0.0292 |  | -0.0216 | -0.0213 |
|  |  | (0.0262) | (0.0262) |  |  | (0.0364) | (0.0364) |  | (0.0508) | (0.0509) |
| Working overtime |  |  | -0.0231 |  |  |  | -0.0408 |  |  | -0.0373 |
|  |  |  | (0.0408) |  |  |  | (0.0567) |  |  | (0.0721) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.031 | 0.033 | 0.033 |  | 0.047 | 0.051 | 0.051 | 0.002 | 0.006 | 0.006 |
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| **Table 3: F17-5 Hateful\_control\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | -0.0448 | -0.0332 | -0.0326 |  | 0.0111 | 0.0214 | 0.0223 | -0.0273 | -0.0159 | -0.0160 |
|  | (0.0478) | (0.0479) | (0.0479) |  | (0.0623) | (0.0629) | (0.0629) | (0.0902) | (0.0899) | (0.0898) |
| Age/10 | -0.260\* | -0.254 | -0.249 |  | -0.294 | -0.237 | -0.230 |  |  |  |
|  | (0.156) | (0.176) | (0.176) |  | (0.199) | (0.230) | (0.232) |  |  |  |
| Age2/100 | 0.0202 | 0.0186 | 0.0182 |  | 0.0224 | 0.0160 | 0.0154 |  |  |  |
|  | (0.0205) | (0.0221) | (0.0221) |  | (0.0256) | (0.0283) | (0.0284) |  |  |  |
| Male | -0.0675 | -0.0507 | -0.0522 |  | 0.0255 | 0.0355 | 0.0338 |  |  |  |
|  | (0.0453) | (0.0460) | (0.0462) |  | (0.0601) | (0.0609) | (0.0610) |  |  |  |
| Birth Weight | -0.0570 | -0.0493 | -0.0494 |  | -0.0426 | -0.0377 | -0.0374 | 0.136 | 0.132 | 0.133 |
|  | (0.0362) | (0.0359) | (0.0359) |  | (0.0445) | (0.0443) | (0.0443) | (0.0860) | (0.0851) | (0.0853) |
| Early Disease | 0.0887 | 0.0546 | 0.0549 |  | -0.0866 | -0.103 | -0.104 | -0.0821 | -0.0643 | -0.0704 |
|  | (0.158) | (0.159) | (0.159) |  | (0.163) | (0.163) | (0.165) | (0.199) | (0.195) | (0.196) |
| Log(Income) |  | -0.0629\*\* | -0.0661\*\* |  |  | -0.0402 | -0.0428 |  | -0.0538 | -0.0589 |
|  |  | (0.0287) | (0.0290) |  |  | (0.0404) | (0.0411) |  | (0.0685) | (0.0696) |
| Married |  | 0.00506 | 0.00398 |  |  | -0.0421 | -0.0440 |  | -0.131\* | -0.136\* |
|  |  | (0.0571) | (0.0571) |  |  | (0.0801) | (0.0803) |  | (0.0773) | (0.0781) |
| Health |  | -0.0259 | -0.0261 |  |  | -0.0157 | -0.0162 |  | 0.0124 | 0.0120 |
|  |  | (0.0263) | (0.0263) |  |  | (0.0371) | (0.0371) |  | (0.0548) | (0.0546) |
| Working overtime |  |  | 0.0290 |  |  |  | 0.0265 |  |  | 0.0442 |
|  |  |  | (0.0424) |  |  |  | (0.0583) |  |  | (0.0717) |
| Twin pairs |  |  |  |  |  | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.034 | 0.037 | 0.037 |  | 0.055 | 0.056 | 0.057 | 0.005 | 0.010 | 0.010 |
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| **Table 3: F18 Life\_Short** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | -0.0455 | -0.0258 | -0.0270 |  | 0.0308 | 0.0183 | 0.0212 | 0.117 | 0.0552 | 0.0548 |
|  | (0.0920) | (0.0921) | (0.0920) |  | (0.139) | (0.138) | (0.138) | (0.185) | (0.184) | (0.184) |
| Age/10 | 0.639\*\* | 0.724\*\* | 0.715\*\* |  | 0.680 | 0.703 | 0.726 | 0.153 | 0.103 | 0.104 |
|  | (0.297) | (0.327) | (0.327) |  | (0.449) | (0.485) | (0.488) | (0.166) | (0.175) | (0.176) |
| Age2/100 | -0.0370 | -0.0491 | -0.0486 |  | -0.0343 | -0.0407 | -0.0426 | -0.770 | -0.712 | -0.737 |
|  | (0.0397) | (0.0421) | (0.0421) |  | (0.0590) | (0.0617) | (0.0619) | (0.840) | (0.822) | (0.821) |
| Male | -0.204\*\* | -0.189\*\* | -0.186\*\* |  | -0.212 | -0.209 | -0.215 |  | 0.168 | 0.147 |
|  | (0.0898) | (0.0902) | (0.0903) |  | (0.133) | (0.132) | (0.132) |  | (0.113) | (0.113) |
| Birth Weight | -0.0168 | -0.00475 | -0.00470 |  | 0.0556 | 0.0775 | 0.0784 |  | -0.368\*\* | -0.387\*\* |
|  | (0.0641) | (0.0644) | (0.0644) |  | (0.0926) | (0.0930) | (0.0932) |  | (0.163) | (0.164) |
| Early Disease | -0.621 | -0.680\* | -0.680\* |  | -1.132\*\* | -1.155\*\* | -1.157\*\* |  | -0.243\*\* | -0.244\*\* |
|  | (0.383) | (0.380) | (0.380) |  | (0.520) | (0.499) | (0.500) |  | (0.117) | (0.117) |
| Log(Income) |  | 0.0486 | 0.0543 |  |  | 0.120 | 0.111 |  |  | 0.180 |
|  |  | (0.0596) | (0.0604) |  |  | (0.0847) | (0.0863) |  |  | (0.147) |
| Married |  | -0.142 | -0.140 |  |  | -0.143 | -0.149 |  | -0.356\*\* | -0.376\*\* |
|  |  | (0.102) | (0.102) |  |  | (0.150) | (0.150) |  | (0.161) | (0.162) |
| Health |  | -0.225\*\*\* | -0.224\*\*\* |  |  | -0.342\*\*\* | -0.344\*\*\* |  | -0.238\*\* | -0.240\*\* |
|  |  | (0.0532) | (0.0532) |  |  | (0.0764) | (0.0763) |  | (0.117) | (0.117) |
| Working overtime |  |  | -0.0510 |  |  |  | 0.0846 |  |  | 0.188 |
|  |  |  | (0.0838) |  |  |  | (0.125) |  |  | (0.147) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.069 | 0.078 | 0.078 |  | 0.069 | 0.089 | 0.089 | 0.005 | 0.024 | 0.026 |

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| **Table 3: F19 Future\_decided** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| House Ownership | -0.0469 | -0.0297 | -0.0288 |  | -0.275\*\* | -0.255\* | -0.257\* | -0.115 | -0.108 | -0.108 |
|  | (0.0983) | (0.0978) | (0.0978) |  | (0.139) | (0.138) | (0.139) | (0.213) | (0.214) | (0.213) |
| Age/10 | 1.041\*\*\* | 0.622\* | 0.629\* |  | 1.365\*\*\* | 0.925\* | 0.911\* |  |  |  |
|  | (0.312) | (0.347) | (0.347) |  | (0.477) | (0.531) | (0.532) |  |  |  |
| Age2/100 | -0.00457 | 0.0366 | 0.0362 |  | -0.0389 | 0.00494 | 0.00607 |  |  |  |
|  | (0.0421) | (0.0449) | (0.0449) |  | (0.0643) | (0.0686) | (0.0687) |  |  |  |
| Male | -0.306\*\*\* | -0.232\*\* | -0.234\*\* |  | -0.389\*\*\* | -0.298\*\* | -0.295\*\* |  |  |  |
|  | (0.0965) | (0.0969) | (0.0971) |  | (0.139) | (0.138) | (0.139) |  |  |  |
| Birth Weight | -0.0930 | -0.0678 | -0.0678 |  | -0.0287 | 0.00244 | 0.00186 | -0.0674 | -0.0173 | -0.0166 |
|  | (0.0744) | (0.0737) | (0.0738) |  | (0.108) | (0.107) | (0.107) | (0.182) | (0.188) | (0.188) |
| Early Disease | 0.796\*\*\* | 0.670\*\* | 0.671\*\* |  | 0.662 | 0.518 | 0.519 | -0.309 | -0.400 | -0.411 |
|  | (0.292) | (0.293) | (0.293) |  | (0.440) | (0.438) | (0.440) | (0.533) | (0.531) | (0.540) |
| Log(Income) |  | -0.186\*\*\* | -0.191\*\*\* |  |  | -0.192\*\* | -0.187\*\* |  | -0.133 | -0.143 |
|  |  | (0.0640) | (0.0646) |  |  | (0.0905) | (0.0916) |  | (0.110) | (0.111) |
| Married |  | 0.340\*\*\* | 0.339\*\*\* |  |  | 0.344\*\* | 0.347\*\* |  | 0.261 | 0.252 |
|  |  | (0.114) | (0.114) |  |  | (0.174) | (0.174) |  | (0.187) | (0.189) |
| Health |  | -0.106\* | -0.106\* |  |  | -0.144\* | -0.143\* |  | -0.0155 | -0.0164 |
|  |  | (0.0589) | (0.0589) |  |  | (0.0828) | (0.0829) |  | (0.121) | (0.121) |
| Working overtime |  |  | 0.0383 |  |  |  | -0.0510 |  |  | 0.0833 |
|  |  |  | (0.0893) |  |  |  | (0.130) |  |  | (0.137) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.244 | 0.252 | 0.252 |  | 0.261 | 0.270 | 0.270 | 0.001 | 0.006 | 0.007 |
|  | | | | | | | | | | |