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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) |
| Drink | 0.000664 | -0.00641 | -0.00691 |  | -0.00127 | -0.00511 | -0.00617 | -0.00526 | -0.00341 | -0.00181 |
|  | (0.0103) | (0.0102) | (0.0103) |  | (0.0139) | (0.0136) | (0.0137) | (0.0214) | (0.0214) | (0.0216) |
| Age/10 | -0.0702 | -0.348\*\* | -0.341\*\* |  | -0.140 | -0.469\*\* | -0.451\*\* |  |  |  |
|  | (0.129) | (0.145) | (0.146) |  | (0.178) | (0.204) | (0.203) |  |  |  |
| Age2/100 | 0.0191 | 0.0510\*\*\* | 0.0506\*\*\* |  | 0.0337 | 0.0703\*\*\* | 0.0689\*\*\* |  |  |  |
|  | (0.0175) | (0.0187) | (0.0187) |  | (0.0237) | (0.0258) | (0.0257) |  |  |  |
| Male | 0.146\*\*\* | 0.143\*\*\* | 0.142\*\*\* |  | 0.173\*\*\* | 0.163\*\*\* | 0.160\*\*\* |  |  |  |
|  | (0.0404) | (0.0403) | (0.0402) |  | (0.0568) | (0.0575) | (0.0572) |  |  |  |
| Birth Weight | 0.0101 | -0.00278 | -0.00274 |  | -0.0183 | -0.0329 | -0.0322 | -0.0627 | -0.0507 | -0.0515 |
|  | (0.0291) | (0.0283) | (0.0283) |  | (0.0393) | (0.0377) | (0.0378) | (0.0715) | (0.0717) | (0.0713) |
| Early Disease | -0.198 | -0.143 | -0.142 |  | -0.0335 | -0.00854 | -0.00995 | -0.124 | -0.145 | -0.137 |
|  | (0.146) | (0.141) | (0.141) |  | (0.219) | (0.218) | (0.218) | (0.228) | (0.231) | (0.229) |
| Log(Income) |  | 0.0637\*\* | 0.0598\*\* |  |  | 0.0743\* | 0.0677\* |  | 0.00741 | 0.0140 |
|  |  | (0.0260) | (0.0265) |  |  | (0.0382) | (0.0388) |  | (0.0576) | (0.0584) |
| Married |  | 0.255\*\*\* | 0.253\*\*\* |  |  | 0.288\*\*\* | 0.284\*\*\* |  | 0.196\*\* | 0.203\*\* |
|  |  | (0.0482) | (0.0482) |  |  | (0.0722) | (0.0719) |  | (0.0894) | (0.0895) |
| Health |  | 0.129\*\*\* | 0.129\*\*\* |  |  | 0.116\*\*\* | 0.115\*\*\* |  | 0.0678 | 0.0683 |
|  |  | (0.0239) | (0.0239) |  |  | (0.0324) | (0.0323) |  | (0.0452) | (0.0452) |
| Working overtime |  |  | 0.0364 |  |  |  | 0.0687 |  |  | -0.0594 |
|  |  |  | (0.0355) |  |  |  | (0.0499) |  |  | (0.0707) |
| 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 | 0.049 | 0.049 |  | 0.031 | 0.064 | 0.065 | 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) |
| Drink | 0.00934 | 0.00714 | 0.00691 |  | 0.00442 | 0.00345 | 0.00335 | -0.00629 | -0.00611 | -0.00107 |
|  | (0.00918) | (0.00913) | (0.00914) |  | (0.0126) | (0.0124) | (0.0124) | (0.0186) | (0.0185) | (0.0185) |
| Age/10 | 0.215\* | 0.173 | 0.176 |  | 0.146 | 0.0926 | 0.0942 |  |  |  |
|  | (0.126) | (0.138) | (0.138) |  | (0.181) | (0.195) | (0.196) |  |  |  |
| Age2/100 | -0.0157 | -0.0102 | -0.0103 |  | -0.000378 | 0.00635 | 0.00622 |  |  |  |
|  | (0.0168) | (0.0177) | (0.0177) |  | (0.0238) | (0.0249) | (0.0250) |  |  |  |
| Male | 0.0260 | 0.0228 | 0.0223 |  | 0.0536 | 0.0512 | 0.0510 |  |  |  |
|  | (0.0389) | (0.0393) | (0.0393) |  | (0.0552) | (0.0568) | (0.0568) |  |  |  |
| Birth Weight | 0.00242 | -0.00286 | -0.00284 |  | -0.00371 | -0.0104 | -0.0104 | -0.0922 | -0.0935 | -0.0961 |
|  | (0.0287) | (0.0284) | (0.0284) |  | (0.0403) | (0.0400) | (0.0400) | (0.0653) | (0.0651) | (0.0641) |
| Early Disease | -0.217\* | -0.192 | -0.192 |  | 0.0174 | 0.0273 | 0.0272 | 0.147 | 0.154 | 0.179 |
|  | (0.125) | (0.124) | (0.124) |  | (0.180) | (0.175) | (0.175) | (0.282) | (0.279) | (0.261) |
| Log(Income) |  | 0.000107 | -0.00166 |  |  | -0.00794 | -0.00854 |  | 0.00968 | 0.0304 |
|  |  | (0.0236) | (0.0239) |  |  | (0.0335) | (0.0338) |  | (0.0446) | (0.0449) |
| Married |  | 0.0611 | 0.0606 |  |  | 0.0694 | 0.0690 |  | 0.0516 | 0.0725 |
|  |  | (0.0442) | (0.0442) |  |  | (0.0613) | (0.0615) |  | (0.0622) | (0.0608) |
| Health |  | 0.0779\*\*\* | 0.0778\*\*\* |  |  | 0.0826\*\*\* | 0.0825\*\*\* |  | 0.0567 | 0.0585 |
|  |  | (0.0221) | (0.0221) |  |  | (0.0301) | (0.0302) |  | (0.0373) | (0.0374) |
| Working overtime |  |  | 0.0166 |  |  |  | 0.00627 |  |  | -0.187\*\*\* |
|  |  |  | (0.0338) |  |  |  | (0.0488) |  |  | (0.0594) |
| 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 | 0.022 | 0.028 | 0.029 |  | 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) |
| Drink | 0.0341\*\*\* | 0.0273\*\*\* | 0.0280\*\*\* |  | 0.0165 | 0.0138 | 0.0149 | -0.0154 | -0.0176 | -0.0161 |
|  | (0.00921) | (0.00898) | (0.00900) |  | (0.0129) | (0.0126) | (0.0126) | (0.0163) | (0.0161) | (0.0162) |
| Age/10 | -0.164 | -0.326\*\* | -0.336\*\*\* |  | -0.202 | -0.284 | -0.303\* |  |  |  |
|  | (0.116) | (0.127) | (0.127) |  | (0.156) | (0.174) | (0.174) |  |  |  |
| Age2/100 | 0.0139 | 0.0337\*\* | 0.0342\*\* |  | 0.0229 | 0.0335 | 0.0349 |  |  |  |
|  | (0.0158) | (0.0165) | (0.0166) |  | (0.0209) | (0.0222) | (0.0223) |  |  |  |
| Male | -0.167\*\*\* | -0.185\*\*\* | -0.183\*\*\* |  | -0.128\*\*\* | -0.165\*\*\* | -0.163\*\*\* |  |  |  |
|  | (0.0371) | (0.0366) | (0.0365) |  | (0.0492) | (0.0488) | (0.0488) |  |  |  |
| Birth Weight | -0.00537 | -0.0213 | -0.0214 |  | 0.0348 | 0.0155 | 0.0147 | 0.0150 | -0.00300 | -0.00372 |
|  | (0.0268) | (0.0260) | (0.0260) |  | (0.0357) | (0.0332) | (0.0332) | (0.0713) | (0.0672) | (0.0669) |
| Early Disease | 0.0832 | 0.156\* | 0.156\* |  | 0.170 | 0.233\* | 0.234\* | 0.000985 | 0.0411 | 0.0481 |
|  | (0.101) | (0.0938) | (0.0941) |  | (0.141) | (0.141) | (0.141) | (0.233) | (0.242) | (0.242) |
| Log(Income) |  | 0.113\*\*\* | 0.118\*\*\* |  |  | 0.121\*\*\* | 0.128\*\*\* |  | 0.0955\*\* | 0.101\*\* |
|  |  | (0.0211) | (0.0215) |  |  | (0.0287) | (0.0291) |  | (0.0475) | (0.0473) |
| Married |  | 0.148\*\*\* | 0.150\*\*\* |  |  | 0.0812 | 0.0859 |  | 0.0925 | 0.0985 |
|  |  | (0.0418) | (0.0418) |  |  | (0.0603) | (0.0602) |  | (0.0720) | (0.0727) |
| Health |  | 0.111\*\*\* | 0.111\*\*\* |  |  | 0.114\*\*\* | 0.115\*\*\* |  | 0.137\*\*\* | 0.137\*\*\* |
|  |  | (0.0202) | (0.0202) |  |  | (0.0272) | (0.0272) |  | (0.0376) | (0.0376) |
| Working overtime |  |  | -0.0517\* |  |  |  | -0.0722\* |  |  | -0.0535 |
|  |  |  | (0.0311) |  |  |  | (0.0421) |  |  | (0.0557) |
| 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 | 0.022 | 0.058 | 0.059 |  | 0.020 | 0.057 | 0.059 | 0.001 | 0.030 | 0.032 |
|  | | | | | | | | | | |

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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) |
| Drink | -0.0171 | -0.0189\* | -0.0193\* |  | -0.0197 | -0.0209 | -0.0208 | -0.0156 | -0.0149 | -0.0143 |
|  | (0.0107) | (0.0107) | (0.0107) |  | (0.0149) | (0.0148) | (0.0148) | (0.0210) | (0.0216) | (0.0216) |
| Age/10 | -0.0932 | -0.0566 | -0.0506 |  | -0.193 | -0.215 | -0.217 |  |  |  |
|  | (0.131) | (0.145) | (0.145) |  | (0.190) | (0.208) | (0.209) |  |  |  |
| Age2/100 | 0.0214 | 0.0189 | 0.0186 |  | 0.0351 | 0.0390 | 0.0392 |  |  |  |
|  | (0.0179) | (0.0191) | (0.0191) |  | (0.0258) | (0.0274) | (0.0274) |  |  |  |
| Male | -0.0481 | -0.0565 | -0.0575 |  | -0.0477 | -0.0582 | -0.0580 |  |  |  |
|  | (0.0392) | (0.0395) | (0.0395) |  | (0.0555) | (0.0567) | (0.0566) |  |  |  |
| Birth Weight | 0.0118 | 0.00545 | 0.00549 |  | -0.0585 | -0.0693\* | -0.0694\* | -0.203\* | -0.207\*\* | -0.207\*\* |
|  | (0.0308) | (0.0302) | (0.0302) |  | (0.0412) | (0.0393) | (0.0393) | (0.105) | (0.105) | (0.105) |
| Early Disease | -0.0850 | -0.0535 | -0.0532 |  | 0.216 | 0.240 | 0.240 | 0.365 | 0.388\* | 0.391\* |
|  | (0.141) | (0.139) | (0.139) |  | (0.193) | (0.186) | (0.187) | (0.223) | (0.210) | (0.212) |
| Log(Income) |  | -0.00788 | -0.0114 |  |  | 0.00399 | 0.00460 |  | -0.0202 | -0.0178 |
|  |  | (0.0232) | (0.0236) |  |  | (0.0331) | (0.0338) |  | (0.0512) | (0.0520) |
| Married |  | 0.00798 | 0.00689 |  |  | 0.0524 | 0.0528 |  | 0.0285 | 0.0309 |
|  |  | (0.0435) | (0.0434) |  |  | (0.0616) | (0.0614) |  | (0.0751) | (0.0756) |
| Health |  | 0.0972\*\*\* | 0.0971\*\*\* |  |  | 0.116\*\*\* | 0.116\*\*\* |  | 0.122\*\*\* | 0.122\*\*\* |
|  |  | (0.0227) | (0.0227) |  |  | (0.0328) | (0.0328) |  | (0.0450) | (0.0451) |
| Working overtime |  |  | 0.0333 |  |  |  | -0.00645 |  |  | -0.0216 |
|  |  |  | (0.0340) |  |  |  | (0.0477) |  |  | (0.0624) |
| 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 | 0.028 |  | 0.030 | 0.043 | 0.043 | 0.016 | 0.030 | 0.030 |
|  | | | | | | | | | | |

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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) |
| Drink | 0.0191\* | 0.0150 | | 0.0144 |  | 0.00710 | 0.00490 | 0.00485 | -0.00542 | -0.00400 | -0.00405 |
|  | (0.0108) | (0.0108) | | (0.0108) |  | (0.0147) | (0.0146) | (0.0146) | (0.0234) | (0.0241) | (0.0242) |
| Age/10 | 0.0446 | -0.0853 | | -0.0774 |  | -0.127 | -0.299 | -0.298 |  |  |  |
|  | (0.130) | (0.144) | | (0.144) |  | (0.178) | (0.202) | (0.202) |  |  |  |
| Age2/100 | 0.00840 | 0.0241 | | 0.0236 |  | 0.0324 | 0.0524\*\* | 0.0523\*\* |  |  |  |
|  | (0.0174) | (0.0186) | | (0.0186) |  | (0.0235) | (0.0258) | (0.0258) |  |  |  |
| Male | -0.118\*\*\* | -0.119\*\*\* | | -0.120\*\*\* |  | -0.105\* | -0.104\* | -0.104\* |  |  |  |
|  | (0.0406) | (0.0406) | | (0.0406) |  | (0.0569) | (0.0579) | (0.0580) |  |  |  |
| Birth Weight | 0.00648 | -0.00180 | | -0.00174 |  | -0.0240 | -0.0354 | -0.0353 | -0.0266 | -0.0215 | -0.0215 |
|  | (0.0307) | (0.0302) | | (0.0303) |  | (0.0423) | (0.0419) | (0.0419) | (0.0684) | (0.0702) | (0.0703) |
| Early Disease | -0.134 | -0.0966 | | -0.0962 |  | 0.188 | 0.198 | 0.198 | 0.271 | 0.269 | 0.269 |
|  | (0.150) | (0.145) | | (0.144) |  | (0.206) | (0.200) | (0.200) | (0.291) | (0.279) | (0.279) |
| Log(Income) |  | -0.00493 | | -0.00954 |  |  | -0.0193 | -0.0196 |  | 0.0144 | 0.0142 |
|  |  | (0.0237) | | (0.0240) |  |  | (0.0338) | (0.0342) |  | (0.0547) | (0.0554) |
| Married |  | 0.152\*\*\* | | 0.150\*\*\* |  |  | 0.186\*\*\* | 0.186\*\*\* |  | 0.186\*\* | 0.185\*\* |
|  |  | (0.0462) | | (0.0462) |  |  | (0.0704) | (0.0705) |  | (0.0873) | (0.0872) |
| Health |  | 0.131\*\*\* | | 0.131\*\*\* |  |  | 0.149\*\*\* | 0.149\*\*\* |  | 0.124\*\*\* | 0.124\*\*\* |
|  |  | (0.0227) | | (0.0227) |  |  | (0.0313) | (0.0312) |  | (0.0477) | (0.0476) |
| Working overtime |  |  | | 0.0431 |  |  |  | 0.00373 |  |  | 0.00188 |
|  |  |  | | (0.0357) |  |  |  | (0.0508) |  |  | (0.0646) |
| 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 | 0.049 | | 0.050 |  | 0.034 | 0.060 | 0.060 | 0.002 | 0.022 | 0.022 |
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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) |
| Drink | 0.0140 | 0.0181 | 0.0187 |  | 0.0130 | 0.0141 | 0.0154 | 0.0137 | 0.0155 | 0.0151 |
|  | (0.0143) | (0.0142) | (0.0143) |  | (0.0185) | (0.0183) | (0.0184) | (0.0316) | (0.0313) | (0.0315) |
| Age/10 | -0.517\*\*\* | -0.457\*\* | -0.464\*\* |  | -0.610\*\* | -0.655\*\* | -0.676\*\*\* |  |  |  |
|  | (0.169) | (0.183) | (0.183) |  | (0.242) | (0.260) | (0.261) |  |  |  |
| Age2/100 | 0.0606\*\*\* | 0.0524\*\* | 0.0529\*\* |  | 0.0695\*\* | 0.0728\*\* | 0.0744\*\* |  |  |  |
|  | (0.0226) | (0.0237) | (0.0237) |  | (0.0319) | (0.0331) | (0.0332) |  |  |  |
| Male | -0.0414 | -0.0285 | -0.0272 |  | 0.0707 | 0.101 | 0.104 |  |  |  |
|  | (0.0538) | (0.0539) | (0.0539) |  | (0.0752) | (0.0761) | (0.0759) |  |  |  |
| Birth Weight | -0.0520 | -0.0411 | -0.0412 |  | -0.0502 | -0.0362 | -0.0371 | -0.169\* | -0.159\* | -0.159\* |
|  | (0.0403) | (0.0399) | (0.0399) |  | (0.0545) | (0.0542) | (0.0541) | (0.0933) | (0.0916) | (0.0917) |
| Early Disease | -0.0198 | -0.0694 | -0.0698 |  | 0.0201 | -0.0305 | -0.0288 | -0.0457 | -0.0626 | -0.0644 |
|  | (0.187) | (0.190) | (0.190) |  | (0.282) | (0.285) | (0.284) | (0.329) | (0.334) | (0.334) |
| Log(Income) |  | -0.0597\* | -0.0555\* |  |  | -0.0750 | -0.0675 |  | -0.0534 | -0.0550 |
|  |  | (0.0325) | (0.0331) |  |  | (0.0462) | (0.0471) |  | (0.0722) | (0.0738) |
| Married |  | -0.0687 | -0.0673 |  |  | 0.0210 | 0.0261 |  | 0.00583 | 0.00431 |
|  |  | (0.0576) | (0.0577) |  |  | (0.0840) | (0.0841) |  | (0.105) | (0.106) |
| Health |  | -0.0884\*\*\* | -0.0882\*\*\* |  |  | -0.0872\*\* | -0.0858\*\* |  | -0.0121 | -0.0122 |
|  |  | (0.0307) | (0.0306) |  |  | (0.0435) | (0.0434) |  | (0.0657) | (0.0658) |
| Working overtime |  |  | -0.0395 |  |  |  | -0.0791 |  |  | 0.0136 |
|  |  |  | (0.0467) |  |  |  | (0.0682) |  |  | (0.0937) |
| 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 | 0.005 | 0.006 | 0.006 |
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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) |
| Drink | 0.00421 | 0.00612 | 0.00689 |  | 0.00784 | 0.00803 | 0.00998 | -0.00372 | -0.00196 | -0.000459 |
|  | (0.0145) | (0.0145) | (0.0146) |  | (0.0193) | (0.0192) | (0.0194) | (0.0268) | (0.0268) | (0.0269) |
| Age/10 | -0.203 | -0.259 | -0.270 |  | -0.586\*\* | -0.673\*\* | -0.706\*\* |  |  |  |
|  | (0.189) | (0.205) | (0.205) |  | (0.275) | (0.300) | (0.301) |  |  |  |
| Age2/100 | 0.0145 | 0.0193 | 0.0200 |  | 0.0590 | 0.0677\* | 0.0703\* |  |  |  |
|  | (0.0251) | (0.0263) | (0.0263) |  | (0.0359) | (0.0378) | (0.0378) |  |  |  |
| Male | -0.184\*\*\* | -0.166\*\*\* | -0.164\*\*\* |  | -0.122 | -0.0989 | -0.0947 |  |  |  |
|  | (0.0602) | (0.0606) | (0.0606) |  | (0.0848) | (0.0862) | (0.0861) |  |  |  |
| Birth Weight | -0.0766\* | -0.0681 | -0.0682 |  | -0.0508 | -0.0439 | -0.0453 | -0.163 | -0.154 | -0.155 |
|  | (0.0441) | (0.0439) | (0.0439) |  | (0.0613) | (0.0612) | (0.0607) | (0.100) | (0.0988) | (0.0991) |
| Early Disease | 0.135 | 0.0964 | 0.0963 |  | 0.115 | 0.0801 | 0.0827 | 0.290 | 0.277 | 0.285 |
|  | (0.207) | (0.208) | (0.208) |  | (0.312) | (0.310) | (0.308) | (0.186) | (0.191) | (0.191) |
| Log(Income) |  | -0.0631\* | -0.0569 |  |  | -0.0633 | -0.0513 |  | -0.0363 | -0.0302 |
|  |  | (0.0347) | (0.0352) |  |  | (0.0480) | (0.0486) |  | (0.0711) | (0.0729) |
| Married |  | 0.0421 | 0.0442 |  |  | 0.0744 | 0.0825 |  | 0.0619 | 0.0681 |
|  |  | (0.0633) | (0.0635) |  |  | (0.0925) | (0.0938) |  | (0.0962) | (0.0976) |
| Health |  | -0.0413 | -0.0410 |  |  | -0.0173 | -0.0151 |  | 0.0319 | 0.0325 |
|  |  | (0.0334) | (0.0334) |  |  | (0.0471) | (0.0470) |  | (0.0661) | (0.0658) |
| Working overtime |  |  | -0.0583 |  |  |  | -0.126\* |  |  | -0.0556 |
|  |  |  | (0.0521) |  |  |  | (0.0746) |  |  | (0.0866) |
| 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 |  | 0.026 | 0.029 | 0.031 | 0.005 | 0.007 | 0.008 |
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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) |
| Drink | 0.0327\*\* | 0.0326\*\* | 0.0321\*\* |  | 0.0383\*\* | 0.0382\*\* | 0.0381\*\* | 0.0211 | 0.0177 | 0.0163 |
|  | (0.0144) | (0.0145) | (0.0145) |  | (0.0192) | (0.0193) | (0.0193) | (0.0314) | (0.0312) | (0.0312) |
| Age/10 | -0.366\* | -0.274 | -0.267 |  | -0.177 | -0.105 | -0.103 |  |  |  |
|  | (0.187) | (0.204) | (0.205) |  | (0.275) | (0.300) | (0.303) |  |  |  |
| Age2/100 | 0.0361 | 0.0264 | 0.0260 |  | 0.0122 | 0.00446 | 0.00425 |  |  |  |
|  | (0.0250) | (0.0263) | (0.0264) |  | (0.0364) | (0.0385) | (0.0387) |  |  |  |
| Male | -0.120\*\* | -0.135\*\* | -0.136\*\* |  | -0.174\*\* | -0.198\*\* | -0.198\*\* |  |  |  |
|  | (0.0572) | (0.0577) | (0.0578) |  | (0.0812) | (0.0828) | (0.0828) |  |  |  |
| Birth Weight | -0.0912\*\* | -0.0948\*\* | -0.0947\*\* |  | -0.146\*\*\* | -0.150\*\*\* | -0.150\*\*\* | -0.128 | -0.152 | -0.151 |
|  | (0.0411) | (0.0410) | (0.0410) |  | (0.0560) | (0.0557) | (0.0557) | (0.109) | (0.108) | (0.108) |
| Early Disease | 0.00382 | 0.0222 | 0.0226 |  | 0.125 | 0.156 | 0.156 | -0.320 | -0.273 | -0.280 |
|  | (0.204) | (0.203) | (0.203) |  | (0.318) | (0.313) | (0.313) | (0.453) | (0.448) | (0.444) |
| Log(Income) |  | 0.0691\*\* | 0.0647\* |  |  | 0.0856\* | 0.0846\* |  | 0.0712 | 0.0655 |
|  |  | (0.0334) | (0.0340) |  |  | (0.0488) | (0.0496) |  | (0.0698) | (0.0706) |
| Married |  | -0.0980 | -0.0994 |  |  | -0.0809 | -0.0816 |  | -0.106 | -0.111 |
|  |  | (0.0621) | (0.0622) |  |  | (0.0934) | (0.0938) |  | (0.115) | (0.114) |
| Health |  | -0.0334 | -0.0336 |  |  | -0.0317 | -0.0318 |  | 0.0279 | 0.0274 |
|  |  | (0.0308) | (0.0309) |  |  | (0.0440) | (0.0440) |  | (0.0623) | (0.0625) |
| Working overtime |  |  | 0.0414 |  |  |  | 0.0103 |  |  | 0.0515 |
|  |  |  | (0.0505) |  |  |  | (0.0746) |  |  | (0.0983) |
| 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 | 0.033 | 0.036 | 0.036 |  | 0.036 | 0.040 | 0.040 | 0.005 | 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) |
| Drink | 0.0235\* | 0.0248\* | 0.0252\* |  | 0.0139 | 0.0140 | 0.0156 | -0.0335 | -0.0320 | -0.0361 |
|  | (0.0137) | (0.0136) | (0.0136) |  | (0.0184) | (0.0183) | (0.0183) | (0.0287) | (0.0287) | (0.0288) |
| Age/10 | -0.252 | -0.280 | -0.286 |  | -0.387 | -0.449\* | -0.477\* |  |  |  |
|  | (0.171) | (0.188) | (0.188) |  | (0.250) | (0.269) | (0.269) |  |  |  |
| Age2/100 | 0.0238 | 0.0257 | 0.0260 |  | 0.0410 | 0.0467 | 0.0488 |  |  |  |
|  | (0.0231) | (0.0244) | (0.0244) |  | (0.0333) | (0.0349) | (0.0348) |  |  |  |
| Male | -0.149\*\*\* | -0.143\*\*\* | -0.142\*\*\* |  | -0.123 | -0.111 | -0.108 |  |  |  |
|  | (0.0519) | (0.0524) | (0.0524) |  | (0.0746) | (0.0766) | (0.0763) |  |  |  |
| Birth Weight | -0.0308 | -0.0260 | -0.0260 |  | -0.0348 | -0.0283 | -0.0294 | -0.0858 | -0.0772 | -0.0751 |
|  | (0.0407) | (0.0408) | (0.0408) |  | (0.0571) | (0.0572) | (0.0569) | (0.0854) | (0.0845) | (0.0840) |
| Early Disease | 0.0576 | 0.0349 | 0.0347 |  | 0.144 | 0.123 | 0.126 | -0.181 | -0.195 | -0.216 |
|  | (0.181) | (0.183) | (0.184) |  | (0.279) | (0.279) | (0.280) | (0.408) | (0.406) | (0.404) |
| Log(Income) |  | 0.0111 | 0.0141 |  |  | -0.00741 | 0.00237 |  | -0.0252 | -0.0422 |
|  |  | (0.0321) | (0.0328) |  |  | (0.0477) | (0.0486) |  | (0.0666) | (0.0665) |
| Married |  | -0.00727 | -0.00634 |  |  | 0.0322 | 0.0388 |  | 0.0683 | 0.0512 |
|  |  | (0.0566) | (0.0567) |  |  | (0.0801) | (0.0806) |  | (0.104) | (0.103) |
| Health |  | -0.0766\*\* | -0.0765\*\* |  |  | -0.0609 | -0.0591 |  | 0.0234 | 0.0220 |
|  |  | (0.0300) | (0.0300) |  |  | (0.0438) | (0.0436) |  | (0.0627) | (0.0630) |
| Working overtime |  |  | -0.0282 |  |  |  | -0.102 |  |  | 0.153\* |
|  |  |  | (0.0466) |  |  |  | (0.0667) |  |  | (0.0884) |
| 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 | 0.022 | 0.022 |  | 0.023 | 0.025 | 0.027 | 0.004 | 0.006 | 0.010 |
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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) |
| Drink | 0.0173 | 0.0185 | 0.0196 |  | 0.0107 | 0.0108 | 0.0136 | -0.0202 | -0.0196 | -0.0198 |
|  | (0.0135) | (0.0135) | (0.0135) |  | (0.0185) | (0.0185) | (0.0186) | (0.0308) | (0.0310) | (0.0311) |
| Age/10 | -0.333\* | -0.355\* | -0.370\* |  | -0.542\*\* | -0.537\* | -0.586\*\* |  |  |  |
|  | (0.182) | (0.199) | (0.199) |  | (0.259) | (0.284) | (0.285) |  |  |  |
| Age2/100 | 0.0351 | 0.0366 | 0.0375 |  | 0.0589\* | 0.0582 | 0.0619\* |  |  |  |
|  | (0.0243) | (0.0257) | (0.0257) |  | (0.0344) | (0.0364) | (0.0364) |  |  |  |
| Male | -0.122\*\* | -0.116\*\* | -0.114\*\* |  | -0.0621 | -0.0614 | -0.0553 |  |  |  |
|  | (0.0552) | (0.0560) | (0.0559) |  | (0.0787) | (0.0811) | (0.0808) |  |  |  |
| Birth Weight | -0.0715\* | -0.0674\* | -0.0675\* |  | -0.0584 | -0.0577 | -0.0598 | -0.121 | -0.123 | -0.123 |
|  | (0.0406) | (0.0407) | (0.0407) |  | (0.0540) | (0.0542) | (0.0536) | (0.0910) | (0.0908) | (0.0909) |
| Early Disease | 0.0973 | 0.0773 | 0.0765 |  | 0.196 | 0.194 | 0.198 | 0.0210 | 0.0357 | 0.0348 |
|  | (0.198) | (0.199) | (0.200) |  | (0.312) | (0.313) | (0.316) | (0.332) | (0.324) | (0.322) |
| Log(Income) |  | -0.000202 | 0.00842 |  |  | -0.00117 | 0.0164 |  | -0.0190 | -0.0198 |
|  |  | (0.0323) | (0.0326) |  |  | (0.0459) | (0.0462) |  | (0.0722) | (0.0731) |
| Married |  | -0.00294 | -0.000212 |  |  | -0.00651 | 0.00529 |  | 0.0217 | 0.0209 |
|  |  | (0.0599) | (0.0601) |  |  | (0.0901) | (0.0913) |  | (0.104) | (0.104) |
| Health |  | -0.0557\* | -0.0554\* |  |  | -0.00746 | -0.00417 |  | 0.0854 | 0.0853 |
|  |  | (0.0313) | (0.0312) |  |  | (0.0452) | (0.0449) |  | (0.0615) | (0.0615) |
| Working overtime |  |  | -0.0807\* |  |  |  | -0.184\*\*\* |  |  | 0.00702 |
|  |  |  | (0.0471) |  |  |  | (0.0679) |  |  | (0.0879) |
| 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 | 0.021 | 0.022 |  | 0.031 | 0.031 | 0.037 | 0.003 | 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) |
| Drink | 0.00293 | 0.00534 | 0.00486 |  | -0.000378 | 0.000875 | -0.000104 | 0.0171 | 0.0172 | 0.0167 |
|  | (0.0107) | (0.0107) | (0.0108) |  | (0.0139) | (0.0139) | (0.0139) | (0.0229) | (0.0228) | (0.0228) |
| Age/10 | -0.257\* | -0.155 | -0.148 |  | -0.256 | -0.189 | -0.172 |  |  |  |
|  | (0.141) | (0.159) | (0.159) |  | (0.189) | (0.210) | (0.212) |  |  |  |
| Age2/100 | 0.0234 | 0.0118 | 0.0114 |  | 0.0200 | 0.0121 | 0.0108 |  |  |  |
|  | (0.0189) | (0.0203) | (0.0203) |  | (0.0245) | (0.0262) | (0.0263) |  |  |  |
| Male | -0.0933\*\* | -0.0920\*\* | -0.0931\*\* |  | -0.0889 | -0.0776 | -0.0797 |  |  |  |
|  | (0.0440) | (0.0444) | (0.0444) |  | (0.0601) | (0.0602) | (0.0600) |  |  |  |
| Birth Weight | -0.0394 | -0.0350 | -0.0350 |  | -0.0325 | -0.0251 | -0.0244 | 0.00376 | -0.00195 | -0.00172 |
|  | (0.0334) | (0.0330) | (0.0330) |  | (0.0421) | (0.0412) | (0.0411) | (0.0999) | (0.100) | (0.100) |
| Early Disease | 0.117 | 0.0989 | 0.0992 |  | -0.0899 | -0.110 | -0.112 | -0.204 | -0.183 | -0.185 |
|  | (0.146) | (0.145) | (0.145) |  | (0.158) | (0.157) | (0.158) | (0.270) | (0.275) | (0.276) |
| Log(Income) |  | -0.0323 | -0.0359 |  |  | -0.0411 | -0.0471 |  | -0.0266 | -0.0285 |
|  |  | (0.0256) | (0.0259) |  |  | (0.0344) | (0.0350) |  | (0.0488) | (0.0497) |
| Married |  | -0.0863\* | -0.0874\* |  |  | -0.0627 | -0.0668 |  | -0.0552 | -0.0571 |
|  |  | (0.0513) | (0.0514) |  |  | (0.0713) | (0.0717) |  | (0.0859) | (0.0858) |
| Health |  | -0.0309 | -0.0310 |  |  | -0.0499 | -0.0510 |  | 0.0538 | 0.0536 |
|  |  | (0.0247) | (0.0247) |  |  | (0.0344) | (0.0344) |  | (0.0497) | (0.0497) |
| Working overtime |  |  | 0.0339 |  |  |  | 0.0634 |  |  | 0.0171 |
|  |  |  | (0.0386) |  |  |  | (0.0538) |  |  | (0.0714) |
| 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 |  | 0.025 | 0.030 | 0.031 | 0.002 | 0.005 | 0.006 |
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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) |
| Drink | 1.24e-05 | 0.000387 | -0.000842 |  | -0.0112 | -0.0110 | -0.0125 | -0.000973 | -0.00227 | -0.00246 |
|  | (0.0116) | (0.0116) | (0.0116) |  | (0.0149) | (0.0148) | (0.0150) | (0.0248) | (0.0246) | (0.0246) |
| Age/10 | -0.254 | -0.278 | -0.261 |  | -0.276 | -0.297 | -0.273 |  |  |  |
|  | (0.167) | (0.184) | (0.184) |  | (0.231) | (0.252) | (0.255) |  |  |  |
| Age2/100 | 0.0211 | 0.0233 | 0.0222 |  | 0.0242 | 0.0261 | 0.0242 |  |  |  |
|  | (0.0222) | (0.0236) | (0.0236) |  | (0.0299) | (0.0316) | (0.0318) |  |  |  |
| Male | -0.157\*\*\* | -0.153\*\*\* | -0.156\*\*\* |  | -0.0836 | -0.0766 | -0.0797 |  |  |  |
|  | (0.0526) | (0.0527) | (0.0526) |  | (0.0727) | (0.0730) | (0.0727) |  |  |  |
| Birth Weight | -0.0800\*\* | -0.0781\*\* | -0.0779\*\* |  | -0.0363 | -0.0328 | -0.0318 | -0.0596 | -0.0730 | -0.0729 |
|  | (0.0381) | (0.0381) | (0.0379) |  | (0.0481) | (0.0477) | (0.0476) | (0.0713) | (0.0734) | (0.0734) |
| Early Disease | 0.241 | 0.232 | 0.233 |  | 0.104 | 0.0921 | 0.0902 | 0.209 | 0.241 | 0.241 |
|  | (0.193) | (0.195) | (0.194) |  | (0.204) | (0.202) | (0.206) | (0.236) | (0.244) | (0.245) |
| Log(Income) |  | -0.00411 | -0.0140 |  |  | -0.0117 | -0.0205 |  | 0.0336 | 0.0328 |
|  |  | (0.0292) | (0.0297) |  |  | (0.0404) | (0.0408) |  | (0.0528) | (0.0544) |
| Married |  | 0.0132 | 0.0102 |  |  | 0.0108 | 0.00495 |  | -0.0106 | -0.0114 |
|  |  | (0.0570) | (0.0570) |  |  | (0.0786) | (0.0789) |  | (0.0854) | (0.0862) |
| Health |  | -0.0205 | -0.0211 |  |  | -0.0272 | -0.0288 |  | 0.0823 | 0.0823 |
|  |  | (0.0276) | (0.0276) |  |  | (0.0389) | (0.0389) |  | (0.0508) | (0.0509) |
| Working overtime |  |  | 0.0920\*\* |  |  |  | 0.0916 |  |  | 0.00698 |
|  |  |  | (0.0443) |  |  |  | (0.0611) |  |  | (0.0650) |
| 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 | 0.034 | 0.034 | 0.036 |  | 0.033 | 0.034 | 0.036 | 0.002 | 0.007 | 0.007 |
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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) |
| Drink | 0.00251 | 0.00508 | 0.00384 |  | 0.00542 | 0.00711 | 0.00637 | 0.0530\* | 0.0529\* | 0.0528\* |
|  | (0.0112) | (0.0111) | (0.0111) |  | (0.0142) | (0.0142) | (0.0142) | (0.0280) | (0.0282) | (0.0282) |
| Age/10 | -0.357\*\* | -0.253 | -0.236 |  | -0.297 | -0.176 | -0.163 |  |  |  |
|  | (0.156) | (0.177) | (0.178) |  | (0.211) | (0.237) | (0.239) |  |  |  |
| Age2/100 | 0.0242 | 0.0124 | 0.0115 |  | 0.0189 | 0.00527 | 0.00430 |  |  |  |
|  | (0.0207) | (0.0225) | (0.0226) |  | (0.0273) | (0.0296) | (0.0298) |  |  |  |
| Male | -0.0521 | -0.0499 | -0.0526 |  | -0.0596 | -0.0488 | -0.0504 |  |  |  |
|  | (0.0482) | (0.0489) | (0.0490) |  | (0.0654) | (0.0664) | (0.0663) |  |  |  |
| Birth Weight | -0.0425 | -0.0378 | -0.0377 |  | -0.0431 | -0.0354 | -0.0348 | 0.0668 | 0.0527 | 0.0527 |
|  | (0.0372) | (0.0368) | (0.0367) |  | (0.0489) | (0.0478) | (0.0478) | (0.0962) | (0.0969) | (0.0970) |
| Early Disease | -0.0544 | -0.0746 | -0.0737 |  | -0.345\*\*\* | -0.365\*\*\* | -0.366\*\*\* | -0.620\*\* | -0.573\*\* | -0.573\*\* |
|  | (0.152) | (0.151) | (0.152) |  | (0.113) | (0.120) | (0.122) | (0.264) | (0.268) | (0.268) |
| Log(Income) |  | -0.0404 | -0.0498\* |  |  | -0.0530 | -0.0576 |  | -0.0841 | -0.0844 |
|  |  | (0.0270) | (0.0277) |  |  | (0.0383) | (0.0395) |  | (0.0584) | (0.0594) |
| Married |  | -0.0849 | -0.0878 |  |  | -0.103 | -0.106 |  | -0.232\*\* | -0.233\*\* |
|  |  | (0.0605) | (0.0604) |  |  | (0.0829) | (0.0830) |  | (0.103) | (0.103) |
| Health |  | -0.0280 | -0.0283 |  |  | -0.0466 | -0.0474 |  | 0.0589 | 0.0589 |
|  |  | (0.0267) | (0.0267) |  |  | (0.0372) | (0.0371) |  | (0.0570) | (0.0571) |
| Working overtime |  |  | 0.0885\*\* |  |  |  | 0.0480 |  |  | 0.00237 |
|  |  |  | (0.0441) |  |  |  | (0.0602) |  |  | (0.0751) |
| 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 | 0.044 | 0.046 | 0.048 |  | 0.041 | 0.046 | 0.047 | 0.016 | 0.031 | 0.031 |
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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) |
| Drink | 0.0131 | 0.0149 | 0.0154 |  | 0.000345 | 0.00158 | 0.00223 | 0.0250 | 0.0230 | 0.0241 |
|  | (0.0118) | (0.0117) | (0.0117) |  | (0.0158) | (0.0157) | (0.0158) | (0.0251) | (0.0249) | (0.0249) |
| Age/10 | -0.350\*\* | -0.281 | -0.287\* |  | -0.418\*\* | -0.242 | -0.253 |  |  |  |
|  | (0.152) | (0.173) | (0.174) |  | (0.207) | (0.232) | (0.233) |  |  |  |
| Age2/100 | 0.0269 | 0.0188 | 0.0191 |  | 0.0373 | 0.0183 | 0.0191 |  |  |  |
|  | (0.0202) | (0.0220) | (0.0220) |  | (0.0268) | (0.0289) | (0.0289) |  |  |  |
| Male | -0.0772 | -0.0774 | -0.0765 |  | -0.00646 | -0.0191 | -0.0177 |  |  |  |
|  | (0.0484) | (0.0488) | (0.0488) |  | (0.0667) | (0.0676) | (0.0677) |  |  |  |
| Birth Weight | -0.0608\* | -0.0574 | -0.0575 |  | -0.0236 | -0.0232 | -0.0236 | -0.0142 | -0.0279 | -0.0285 |
|  | (0.0350) | (0.0350) | (0.0351) |  | (0.0437) | (0.0439) | (0.0441) | (0.102) | (0.104) | (0.104) |
| Early Disease | 0.0926 | 0.0780 | 0.0777 |  | -0.0891 | -0.0738 | -0.0729 | -0.203 | -0.177 | -0.171 |
|  | (0.146) | (0.146) | (0.146) |  | (0.155) | (0.155) | (0.153) | (0.271) | (0.260) | (0.259) |
| Log(Income) |  | -0.00157 | 0.00177 |  |  | 0.0178 | 0.0218 |  | 0.0181 | 0.0230 |
|  |  | (0.0294) | (0.0298) |  |  | (0.0416) | (0.0423) |  | (0.0628) | (0.0639) |
| Married |  | -0.0729 | -0.0719 |  |  | -0.154\*\* | -0.151\* |  | -0.133 | -0.129 |
|  |  | (0.0573) | (0.0574) |  |  | (0.0783) | (0.0785) |  | (0.0810) | (0.0815) |
| Health |  | -0.0508\* | -0.0506\* |  |  | -0.0301 | -0.0293 |  | -0.0259 | -0.0255 |
|  |  | (0.0264) | (0.0264) |  |  | (0.0364) | (0.0363) |  | (0.0505) | (0.0506) |
| Working overtime |  |  | -0.0313 |  |  |  | -0.0421 |  |  | -0.0438 |
|  |  |  | (0.0415) |  |  |  | (0.0569) |  |  | (0.0716) |
| 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 | 0.034 | 0.036 | 0.036 |  | 0.047 | 0.050 | 0.051 | 0.003 | 0.007 | 0.007 |
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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) |
| Drink | 0.000792 | 0.00279 | 0.00242 |  | -0.000234 | 0.000611 | 0.000212 | 0.00489 | 0.00511 | 0.00395 |
|  | (0.0113) | (0.0112) | (0.0113) |  | (0.0143) | (0.0144) | (0.0144) | (0.0256) | (0.0259) | (0.0260) |
| Age/10 | -0.253 | -0.242 | -0.236 |  | -0.296 | -0.244 | -0.237 |  |  |  |
|  | (0.157) | (0.177) | (0.178) |  | (0.200) | (0.230) | (0.232) |  |  |  |
| Age2/100 | 0.0184 | 0.0163 | 0.0160 |  | 0.0227 | 0.0168 | 0.0163 |  |  |  |
|  | (0.0206) | (0.0223) | (0.0223) |  | (0.0255) | (0.0282) | (0.0283) |  |  |  |
| Male | -0.0636 | -0.0527 | -0.0534 |  | 0.0263 | 0.0347 | 0.0338 |  |  |  |
|  | (0.0503) | (0.0509) | (0.0510) |  | (0.0666) | (0.0674) | (0.0674) |  |  |  |
| Birth Weight | -0.0621\* | -0.0560 | -0.0560 |  | -0.0431 | -0.0390 | -0.0387 | 0.138 | 0.133 | 0.133 |
|  | (0.0361) | (0.0358) | (0.0358) |  | (0.0444) | (0.0442) | (0.0442) | (0.0855) | (0.0845) | (0.0846) |
| Early Disease | 0.0874 | 0.0587 | 0.0590 |  | -0.0845 | -0.0981 | -0.0986 | -0.0869 | -0.0677 | -0.0734 |
|  | (0.158) | (0.159) | (0.159) |  | (0.163) | (0.163) | (0.164) | (0.199) | (0.195) | (0.196) |
| Log(Income) |  | -0.0547\* | -0.0574\*\* |  |  | -0.0388 | -0.0413 |  | -0.0552 | -0.0600 |
|  |  | (0.0287) | (0.0290) |  |  | (0.0401) | (0.0408) |  | (0.0675) | (0.0686) |
| Married |  | -0.00727 | -0.00809 |  |  | -0.0406 | -0.0422 |  | -0.131\* | -0.136\* |
|  |  | (0.0577) | (0.0577) |  |  | (0.0801) | (0.0803) |  | (0.0779) | (0.0789) |
| Health |  | -0.0257 | -0.0258 |  |  | -0.0158 | -0.0163 |  | 0.0132 | 0.0128 |
|  |  | (0.0264) | (0.0264) |  |  | (0.0371) | (0.0371) |  | (0.0550) | (0.0548) |
| Working overtime |  |  | 0.0258 |  |  |  | 0.0258 |  |  | 0.0431 |
|  |  |  | (0.0430) |  |  |  | (0.0586) |  |  | (0.0720) |
| 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 | 0.034 | 0.037 | 0.037 |  | 0.055 | 0.056 | 0.056 | 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) |
| Drink | -0.0158 | -0.0114 | -0.0108 |  | -0.00447 | -0.00261 | -0.00392 | -0.0316 | -0.0408 | -0.0460 |
|  | (0.0254) | (0.0251) | (0.0252) |  | (0.0358) | (0.0353) | (0.0355) | (0.0518) | (0.0521) | (0.0523) |
| Age/10 | 0.652\*\* | 0.702\*\* | 0.694\*\* |  | 0.676 | 0.698 | 0.720 |  |  |  |
|  | (0.301) | (0.329) | (0.330) |  | (0.447) | (0.482) | (0.485) |  |  |  |
| Age2/100 | -0.0372 | -0.0454 | -0.0450 |  | -0.0335 | -0.0399 | -0.0416 |  |  |  |
|  | (0.0403) | (0.0425) | (0.0425) |  | (0.0588) | (0.0612) | (0.0614) |  |  |  |
| Male | -0.182\* | -0.178\* | -0.177\* |  | -0.204 | -0.205 | -0.207 |  |  |  |
|  | (0.0968) | (0.0969) | (0.0968) |  | (0.140) | (0.139) | (0.139) |  |  |  |
| Birth Weight | -0.0159 | -0.00457 | -0.00462 |  | 0.0546 | 0.0768 | 0.0777 | 0.149 | 0.105 | 0.108 |
|  | (0.0653) | (0.0654) | (0.0654) |  | (0.0925) | (0.0929) | (0.0931) | (0.165) | (0.175) | (0.175) |
| Early Disease | -0.623 | -0.677\* | -0.677\* |  | -1.128\*\* | -1.152\*\* | -1.154\*\* | -0.748 | -0.695 | -0.720 |
|  | (0.385) | (0.382) | (0.382) |  | (0.519) | (0.497) | (0.498) | (0.835) | (0.818) | (0.817) |
| Log(Income) |  | 0.0603 | 0.0650 |  |  | 0.121 | 0.113 |  | 0.177 | 0.156 |
|  |  | (0.0608) | (0.0617) |  |  | (0.0844) | (0.0860) |  | (0.111) | (0.111) |
| Married |  | -0.135 | -0.134 |  |  | -0.141 | -0.146 |  | -0.374\*\* | -0.396\*\* |
|  |  | (0.103) | (0.103) |  |  | (0.149) | (0.150) |  | (0.164) | (0.165) |
| Health |  | -0.232\*\*\* | -0.232\*\*\* |  |  | -0.342\*\*\* | -0.344\*\*\* |  | -0.245\*\* | -0.247\*\* |
|  |  | (0.0536) | (0.0536) |  |  | (0.0764) | (0.0763) |  | (0.117) | (0.118) |
| Working overtime |  |  | -0.0439 |  |  |  | 0.0850 |  |  | 0.193 |
|  |  |  | (0.0857) |  |  |  | (0.126) |  |  | (0.148) |
| 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 | 0.070 | 0.080 | 0.080 |  | 0.069 | 0.089 | 0.089 | 0.005 | 0.025 | 0.028 |

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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) |
| Drink | -0.0180 | -0.0158 | -0.0164 |  | 0.0723\*\* | 0.0730\*\* | 0.0740\*\* | 0.0347 | 0.0421 | 0.0402 |
|  | (0.0265) | (0.0265) | (0.0266) |  | (0.0339) | (0.0336) | (0.0337) | (0.0395) | (0.0396) | (0.0402) |
| Age/10 | 1.082\*\*\* | 0.620\* | 0.628\* |  | 1.382\*\*\* | 0.986\* | 0.970\* |  |  |  |
|  | (0.312) | (0.345) | (0.346) |  | (0.476) | (0.528) | (0.529) |  |  |  |
| Age2/100 | -0.00879 | 0.0373 | 0.0369 |  | -0.0464 | -0.00726 | -0.00600 |  |  |  |
|  | (0.0421) | (0.0447) | (0.0447) |  | (0.0643) | (0.0684) | (0.0685) |  |  |  |
| Male | -0.270\*\* | -0.201\* | -0.203\* |  | -0.526\*\*\* | -0.432\*\*\* | -0.430\*\*\* |  |  |  |
|  | (0.106) | (0.106) | (0.106) |  | (0.150) | (0.149) | (0.149) |  |  |  |
| Birth Weight | -0.0901 | -0.0672 | -0.0672 |  | -0.0236 | 0.00799 | 0.00728 | -0.0644 | -0.0145 | -0.0136 |
|  | (0.0756) | (0.0749) | (0.0750) |  | (0.108) | (0.106) | (0.106) | (0.182) | (0.187) | (0.187) |
| Early Disease | 0.782\*\*\* | 0.663\*\* | 0.663\*\* |  | 0.637 | 0.492 | 0.493 | -0.331 | -0.425 | -0.434 |
|  | (0.294) | (0.295) | (0.295) |  | (0.438) | (0.436) | (0.438) | (0.536) | (0.533) | (0.541) |
| Log(Income) |  | -0.179\*\*\* | -0.184\*\*\* |  |  | -0.214\*\* | -0.208\*\* |  | -0.144 | -0.152 |
|  |  | (0.0647) | (0.0653) |  |  | (0.0894) | (0.0904) |  | (0.110) | (0.111) |
| Married |  | 0.364\*\*\* | 0.363\*\*\* |  |  | 0.307\* | 0.311\* |  | 0.267 | 0.259 |
|  |  | (0.116) | (0.116) |  |  | (0.175) | (0.175) |  | (0.188) | (0.190) |
| Health |  | -0.0951 | -0.0953 |  |  | -0.144\* | -0.143\* |  | -0.0101 | -0.0108 |
|  |  | (0.0592) | (0.0592) |  |  | (0.0831) | (0.0832) |  | (0.120) | (0.120) |
| Working overtime |  |  | 0.0456 |  |  |  | -0.0622 |  |  | 0.0722 |
|  |  |  | (0.0905) |  |  |  | (0.130) |  |  | (0.139) |
| 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 |  | 0.262 | 0.271 | 0.271 | 0.002 | 0.007 | 0.007 |
|  | | | | | | | | | | |