

Master thesis

Supplementary material

Pablo Brugarolas

Additional figures

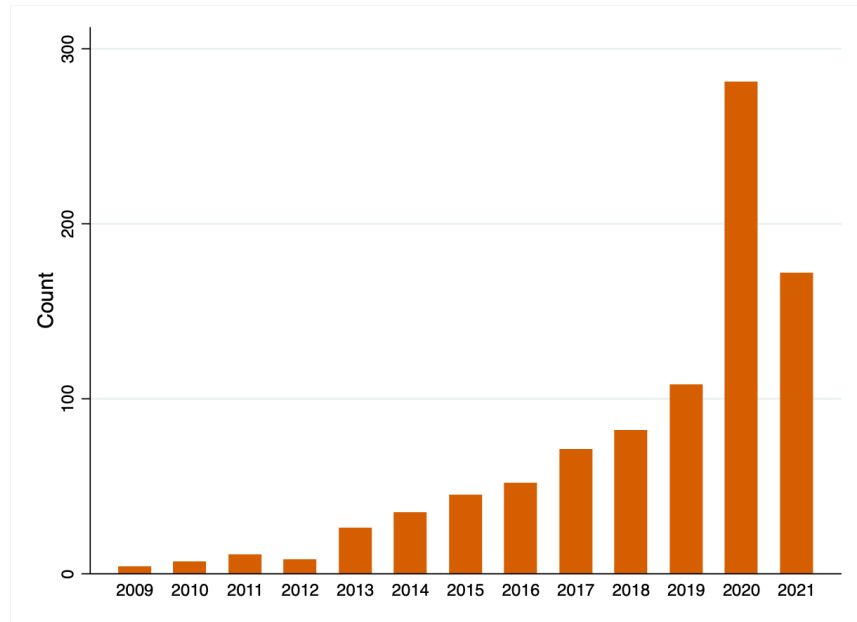


Figure S1. Research articles mentioning “Google Trends” or “Google Insights” in their titles or abstracts in PubMed

Event study results: pre-trend tests

Table S1. Anxiety disorders

	Anxiety	GAD	Panic attack	Hyperventilation	Palpitations	Tachycardia	Tachypnea
pre1	-0.082 (0.107)	-0.014 (0.023)	0.035 (0.034)	0.015** (0.005)	-0.020* (0.008)	-0.019 (0.017)	0.000 (0.007)
pre2	-0.086 (0.073)	-0.025 (0.020)	0.019 (0.028)	0.005 (0.005)	-0.021* (0.010)	-0.034* (0.016)	-0.001 (0.007)
pre3	-0.122* (0.060)	-0.028 (0.018)	-0.023 (0.022)	-0.002 (0.006)	-0.013 (0.009)	-0.046** (0.017)	0.000 (0.007)
pre4	-0.167** (0.065)	-0.025 (0.015)	-0.042* (0.020)	0.004 (0.005)	-0.008 (0.008)	-0.034* (0.014)	-0.002 (0.006)
pre5	-0.123 (0.069)	-0.017 (0.015)	-0.018 (0.020)	0.002 (0.004)	-0.002 (0.008)	-0.016 (0.016)	-0.001 (0.006)
pre6	-0.092 (0.073)	0.001 (0.016)	-0.005 (0.019)	-0.000 (0.004)	-0.001 (0.006)	-0.019 (0.016)	0.001 (0.005)
pre7	-0.068 (0.090)	0.009 (0.020)	0.011 (0.019)	-0.002 (0.004)	-0.010 (0.008)	-0.011 (0.017)	0.002 (0.005)
pre8	-0.091 (0.076)	0.001 (0.018)	-0.011 (0.019)	-0.003 (0.005)	-0.010 (0.006)	-0.019 (0.019)	-0.008 (0.005)
pre9	-0.089 (0.068)	0.000 (0.018)	-0.016 (0.017)	0.007 (0.007)	-0.019* (0.009)	-0.014 (0.018)	-0.008 (0.004)
pre10	-0.086 (0.057)	0.000 (0.014)	-0.008 (0.015)	0.010 (0.006)	-0.021 (0.013)	-0.007 (0.017)	-0.005 (0.006)
pre11	-0.043 (0.061)	0.008 (0.015)	0.021 (0.016)	0.012** (0.005)	-0.020 (0.012)	-0.005 (0.018)	-0.012 (0.007)
pre12	-0.134* (0.064)	-0.008 (0.015)	0.013 (0.015)	0.010* (0.004)	-0.023 (0.012)	-0.017 (0.018)	-0.011 (0.009)
pre13	-0.290*** (0.087)	-0.046* (0.021)	-0.016 (0.021)	0.003 (0.004)	-0.035** (0.013)	-0.022 (0.020)	-0.019* (0.009)
pre14	-0.352*** (0.095)	-0.053* (0.023)	-0.028 (0.025)	0.001 (0.004)	-0.032* (0.014)	-0.049* (0.019)	-0.009 (0.009)
pre15	-0.402*** (0.107)	-0.059* (0.026)	-0.021 (0.027)	-0.006 (0.005)	-0.033* (0.013)	-0.039* (0.018)	-0.013 (0.009)
pre16	-0.511*** (0.115)	-0.080** (0.026)	-0.042 (0.029)	-0.009 (0.006)	-0.032* (0.013)	-0.024 (0.020)	-0.008 (0.008)
pre17	-0.451*** (0.119)	-0.072** (0.026)	-0.022 (0.035)	-0.002 (0.006)	-0.024 (0.014)	-0.004 (0.021)	0.000 (0.009)
pre18	-0.444*** (0.132)	-0.073* (0.031)	-0.025 (0.039)	-0.003 (0.007)	-0.022 (0.013)	-0.012 (0.021)	0.003 (0.008)
pre19	-0.421** (0.139)	-0.067* (0.031)	-0.012 (0.042)	-0.001 (0.008)	-0.028 (0.015)	-0.018 (0.021)	-0.001 (0.007)
pre20	-0.395** (0.131)	-0.052 (0.031)	-0.026 (0.037)	-0.001 (0.008)	-0.027* (0.014)	-0.007 (0.021)	0.002 (0.007)
pre21	-0.350** (0.134)	-0.047 (0.031)	-0.031 (0.036)	0.002 (0.009)	-0.021 (0.013)	0.008 (0.024)	0.006 (0.007)
pre22	-0.337* (0.141)	-0.060 (0.031)	-0.027 (0.036)	-0.000 (0.009)	-0.025* (0.012)	-0.015 (0.021)	-0.001 (0.007)
pre23	-0.351** (0.135)	-0.060 (0.031)	-0.003 (0.040)	-0.002 (0.009)	-0.025 (0.014)	-0.020 (0.021)	0.008 (0.007)

Table S1. Anxiety disorders

	Anxiety	GAD	Panic attack	Hyperventilation	Palpitations	Tachycardia	Tachypnea
pre24	-0.410** (0.126)	-0.062 (0.032)	-0.027 (0.038)	-0.002 (0.007)	-0.022 (0.012)	-0.019 (0.019)	0.006 (0.007)
pre25	-0.336** (0.121)	-0.055 (0.029)	-0.003 (0.038)	-0.001 (0.007)	-0.012 (0.017)	-0.018 (0.018)	0.005 (0.006)
pre26	-0.305* (0.125)	-0.033 (0.027)	0.009 (0.037)	-0.001 (0.007)	-0.006 (0.015)	0.003 (0.016)	0.003 (0.007)
pre27	-0.287* (0.126)	-0.024 (0.030)	0.027 (0.036)	-0.002 (0.006)	-0.009 (0.015)	0.013 (0.019)	0.000 (0.007)
pre28	-0.293* (0.126)	-0.030 (0.032)	0.024 (0.039)	-0.001 (0.006)	-0.010 (0.012)	0.002 (0.019)	-0.003 (0.005)
pre29	-0.240 (0.126)	-0.003 (0.029)	0.030 (0.037)	-0.004 (0.006)	-0.016 (0.011)	-0.012 (0.019)	0.001 (0.005)
pre30	-0.291* (0.126)	-0.018 (0.031)	0.017 (0.038)	-0.000 (0.006)	-0.019 (0.011)	-0.008 (0.018)	0.006 (0.005)
pre31	-0.350** (0.135)	-0.043 (0.032)	0.018 (0.038)	0.004 (0.007)	-0.012 (0.012)	0.000 (0.020)	0.006 (0.005)
pre32	-0.322* (0.148)	-0.034 (0.032)	0.016 (0.039)	0.004 (0.008)	-0.018 (0.012)	-0.017 (0.020)	0.005 (0.004)
pre33	-0.289 (0.162)	-0.034 (0.031)	0.011 (0.044)	0.001 (0.007)	-0.025 (0.014)	-0.008 (0.021)	0.006 (0.005)
pre34	-0.242 (0.169)	-0.032 (0.029)	0.020 (0.046)	0.002 (0.006)	-0.022 (0.014)	-0.021 (0.020)	0.002 (0.005)
pre35	-0.242 (0.170)	-0.034 (0.028)	0.001 (0.041)	0.004 (0.005)	-0.022 (0.016)	-0.018 (0.021)	0.008 (0.004)
pre36	-0.235 (0.169)	-0.050 (0.026)	-0.001 (0.039)	0.004 (0.006)	-0.021 (0.017)	-0.022 (0.021)	0.004 (0.004)
pre37	-0.239 (0.158)	-0.045 (0.024)	-0.003 (0.034)	0.006 (0.006)	-0.008 (0.024)	-0.019 (0.022)	0.003 (0.004)
pre38	-0.141 (0.156)	-0.036 (0.026)	-0.011 (0.031)	0.010 (0.007)	-0.003 (0.022)	-0.001 (0.022)	0.009* (0.004)
pre39	-0.152 (0.150)	-0.021 (0.023)	-0.006 (0.029)	0.009 (0.007)	-0.008 (0.019)	0.001 (0.020)	0.007 (0.004)
pre40	-0.071 (0.124)	-0.000 (0.022)	0.011 (0.026)	0.010 (0.006)	-0.000 (0.017)	-0.004 (0.020)	0.001 (0.005)
Observations	5199	5199	5199	5154	5199	5151	5199

Table S2. Mood disorders, self-harm, and suicidal ideation

	Mood swing	Mood disorder	Depression	Major dep. disorder	Self-harm	Suicidal ideation
pre1	-0.013* (0.007)	0.004 (0.023)	-0.138 (0.077)	-0.090 (0.065)	-0.002 (0.011)	-0.024* (0.012)
pre2	-0.011 (0.006)	-0.015 (0.021)	-0.117* (0.055)	-0.071 (0.048)	0.005 (0.010)	-0.032*** (0.008)
pre3	-0.007 (0.005)	-0.010 (0.021)	-0.125** (0.047)	-0.056 (0.041)	0.002 (0.008)	-0.038*** (0.008)
pre4	-0.008 (0.006)	-0.018 (0.018)	-0.132** (0.049)	-0.076 (0.044)	-0.004 (0.007)	-0.033** (0.011)
pre5	-0.015* (0.006)	0.003 (0.015)	-0.050 (0.051)	-0.053 (0.040)	-0.010 (0.007)	-0.027** (0.010)
pre6	-0.009 (0.007)	0.021 (0.019)	-0.051 (0.050)	-0.024 (0.042)	0.002 (0.007)	-0.017 (0.009)
pre7	-0.003 (0.008)	0.020 (0.018)	-0.026 (0.056)	0.005 (0.044)	0.004 (0.006)	-0.010 (0.009)
pre8	0.006 (0.007)	0.005 (0.019)	-0.032 (0.049)	-0.025 (0.042)	0.011 (0.008)	-0.007 (0.012)
pre9	0.009 (0.006)	0.022 (0.019)	-0.035 (0.045)	0.006 (0.045)	0.003 (0.009)	-0.008 (0.013)
pre10	0.007 (0.005)	0.010 (0.022)	0.008 (0.044)	0.017 (0.033)	0.004 (0.007)	0.004 (0.012)
pre11	0.013* (0.006)	0.002 (0.020)	0.009 (0.044)	0.028 (0.036)	0.017* (0.008)	0.015 (0.013)
pre12	0.007 (0.006)	-0.032 (0.023)	-0.095* (0.041)	-0.064 (0.038)	0.002 (0.009)	0.004 (0.011)
pre13	-0.001 (0.008)	-0.053* (0.023)	-0.192*** (0.055)	-0.140** (0.044)	-0.003 (0.008)	-0.001 (0.014)
pre14	0.001 (0.010)	-0.061* (0.027)	-0.215*** (0.064)	-0.167*** (0.049)	-0.010 (0.009)	-0.006 (0.015)
pre15	0.007 (0.013)	-0.087** (0.031)	-0.294*** (0.070)	-0.210*** (0.056)	-0.019 (0.014)	-0.018 (0.016)
pre16	0.004 (0.014)	-0.097** (0.033)	-0.299*** (0.072)	-0.200*** (0.061)	-0.023 (0.016)	-0.033* (0.015)
pre17	0.000 (0.016)	-0.079** (0.029)	-0.279*** (0.073)	-0.200*** (0.051)	-0.020 (0.014)	-0.035* (0.015)
pre18	0.004 (0.016)	-0.066* (0.032)	-0.266*** (0.076)	-0.187** (0.061)	-0.021 (0.012)	-0.031 (0.016)
pre19	0.001 (0.015)	-0.065* (0.030)	-0.278*** (0.075)	-0.184** (0.060)	-0.021 (0.012)	-0.039** (0.014)
pre20	0.001 (0.014)	-0.049 (0.030)	-0.272*** (0.068)	-0.166** (0.058)	-0.022 (0.012)	-0.044** (0.015)
pre21	0.002 (0.014)	-0.044 (0.028)	-0.238*** (0.068)	-0.138* (0.058)	-0.016 (0.012)	-0.041** (0.014)
pre22	-0.003 (0.013)	-0.053 (0.028)	-0.237** (0.079)	-0.135* (0.063)	-0.022* (0.009)	-0.045** (0.015)
pre23	-0.012 (0.011)	-0.054* (0.027)	-0.290*** (0.073)	-0.160** (0.058)	-0.020** (0.007)	-0.049** (0.016)
pre24	-0.016 (0.009)	-0.065** (0.023)	-0.306*** (0.072)	-0.161** (0.059)	-0.013 (0.008)	-0.045** (0.017)

Table S2. Mood disorders, self-harm, and suicidal ideation

	Mood swing	Mood disorder	Depression	Major dep. disorder	Self-harm	Suicidal ideation
pre25	-0.009 (0.009)	-0.043 (0.024)	-0.234** (0.076)	-0.141* (0.057)	-0.003 (0.008)	-0.049* (0.020)
pre26	-0.001 (0.008)	-0.052** (0.019)	-0.214** (0.075)	-0.122* (0.059)	-0.000 (0.010)	-0.032 (0.021)
pre27	0.001 (0.007)	-0.040 (0.021)	-0.193* (0.082)	-0.110 (0.066)	0.004 (0.012)	-0.041* (0.020)
pre28	0.002 (0.007)	-0.045 (0.026)	-0.208* (0.085)	-0.138* (0.068)	-0.013 (0.010)	-0.057** (0.022)
pre29	0.002 (0.006)	-0.018 (0.027)	-0.112 (0.085)	-0.081 (0.067)	-0.019* (0.008)	-0.035 (0.022)
pre30	0.009 (0.008)	-0.017 (0.029)	-0.090 (0.088)	-0.108 (0.068)	-0.016* (0.007)	-0.017 (0.018)
pre31	0.005 (0.008)	-0.012 (0.029)	-0.129 (0.086)	-0.138* (0.066)	-0.009 (0.009)	-0.025 (0.018)
pre32	0.007 (0.008)	-0.021 (0.030)	-0.109 (0.090)	-0.102 (0.070)	-0.018 (0.010)	-0.019 (0.017)
pre33	0.010 (0.011)	-0.009 (0.030)	-0.156 (0.098)	-0.133 (0.076)	-0.025** (0.009)	-0.017 (0.017)
pre34	-0.002 (0.011)	-0.027 (0.030)	-0.157 (0.107)	-0.127 (0.080)	-0.022** (0.008)	-0.017 (0.019)
pre35	0.001 (0.012)	-0.026 (0.033)	-0.168 (0.111)	-0.145 (0.086)	-0.012 (0.008)	-0.012 (0.020)
pre36	0.001 (0.011)	-0.018 (0.034)	-0.141 (0.114)	-0.149 (0.092)	-0.009 (0.011)	-0.012 (0.018)
pre37	-0.002 (0.011)	-0.026 (0.033)	-0.148 (0.108)	-0.128 (0.090)	-0.004 (0.009)	-0.013 (0.017)
pre38	-0.013 (0.009)	-0.024 (0.033)	-0.126 (0.105)	-0.117 (0.090)	-0.003 (0.008)	-0.010 (0.016)
pre39	-0.004 (0.008)	-0.015 (0.027)	-0.096 (0.099)	-0.092 (0.082)	-0.002 (0.010)	0.001 (0.015)
pre40	-0.010 (0.008)	-0.003 (0.024)	-0.046 (0.086)	-0.048 (0.071)	-0.001 (0.010)	0.019 (0.015)
Observations	5196	5199	5199	5199	5199	5199

Table S3. Sleep disorders

	Insomnia	Sleep deprivation	Sleep disorder	Hypersomnia	Excessive daytime sleepiness
pre1	-0.131*** (0.034)	-0.024* (0.009)	-0.106** (0.035)	-0.006 (0.004)	0.007 (0.015)
pre2	-0.080** (0.029)	-0.015 (0.009)	-0.065* (0.027)	-0.002 (0.004)	0.001 (0.015)
pre3	-0.038 (0.034)	-0.015 (0.010)	-0.030 (0.025)	-0.002 (0.004)	0.010 (0.014)
pre4	-0.009 (0.036)	-0.007 (0.012)	-0.021 (0.026)	0.001 (0.004)	0.005 (0.013)
pre5	0.005 (0.035)	-0.011 (0.013)	0.002 (0.028)	0.005 (0.004)	0.003 (0.015)
pre6	0.027 (0.039)	-0.003 (0.012)	0.036 (0.033)	0.008* (0.004)	-0.016 (0.017)
pre7	0.058 (0.042)	-0.000 (0.016)	0.044 (0.037)	0.007 (0.004)	-0.006 (0.015)
pre8	0.058 (0.040)	0.003 (0.009)	0.039 (0.034)	0.011*** (0.003)	0.009 (0.012)
pre9	0.050 (0.042)	0.004 (0.012)	0.046 (0.035)	0.013*** (0.004)	0.021 (0.012)
pre10	0.031 (0.040)	0.004 (0.013)	0.032 (0.032)	0.012*** (0.004)	0.026* (0.012)
pre11	0.069 (0.047)	-0.008 (0.012)	0.059 (0.037)	0.012** (0.004)	0.025 (0.013)
pre12	-0.055 (0.050)	-0.021 (0.012)	-0.027 (0.041)	0.009** (0.003)	0.015 (0.010)
pre13	-0.114* (0.058)	-0.028* (0.011)	-0.081 (0.049)	0.003 (0.004)	0.003 (0.012)
pre14	-0.122 (0.067)	-0.030* (0.013)	-0.072 (0.049)	-0.001 (0.004)	0.008 (0.012)
pre15	-0.123 (0.075)	-0.041* (0.017)	-0.064 (0.053)	0.002 (0.005)	-0.004 (0.014)
pre16	-0.150* (0.075)	-0.046** (0.017)	-0.087 (0.054)	0.001 (0.005)	-0.009 (0.011)
pre17	-0.160* (0.078)	-0.043* (0.018)	-0.091 (0.059)	-0.001 (0.005)	-0.011 (0.014)
pre18	-0.127 (0.088)	-0.048** (0.017)	-0.046 (0.060)	0.006 (0.005)	-0.000 (0.013)
pre19	-0.122 (0.092)	-0.054** (0.017)	-0.065 (0.061)	0.005 (0.006)	-0.004 (0.014)
pre20	-0.129 (0.086)	-0.048** (0.016)	-0.066 (0.057)	0.003 (0.006)	-0.018 (0.014)
pre21	-0.116 (0.082)	-0.050** (0.017)	-0.059 (0.059)	0.003 (0.005)	-0.002 (0.014)
pre22	-0.111 (0.082)	-0.055** (0.018)	-0.071 (0.059)	0.001 (0.005)	-0.008 (0.017)
pre23	-0.119 (0.076)	-0.051** (0.016)	-0.083 (0.055)	-0.000 (0.004)	-0.015 (0.015)
pre24	-0.126 (0.072)	-0.063*** (0.014)	-0.091 (0.053)	-0.001 (0.005)	-0.006 (0.013)

Table S3. Sleep disorders

	Insomnia	Sleep deprivation	Sleep disorder	Hypersomnia	Excessive daytime sleepiness
pre25	-0.104 (0.063)	-0.056*** (0.015)	-0.087 (0.051)	-0.004 (0.005)	-0.017 (0.013)
pre26	-0.086 (0.058)	-0.051*** (0.015)	-0.076 (0.048)	-0.003 (0.005)	-0.022 (0.013)
pre27	-0.083 (0.056)	-0.049*** (0.015)	-0.063 (0.045)	-0.002 (0.005)	-0.021 (0.011)
pre28	-0.072 (0.056)	-0.049** (0.016)	-0.057 (0.048)	-0.003 (0.004)	-0.017 (0.011)
pre29	-0.035 (0.053)	-0.034** (0.013)	-0.038 (0.050)	0.004 (0.004)	-0.003 (0.012)
pre30	-0.090 (0.062)	-0.027* (0.012)	-0.060 (0.053)	0.005 (0.004)	-0.015 (0.013)
pre31	-0.180** (0.062)	-0.020 (0.014)	-0.096 (0.057)	-0.001 (0.004)	-0.013 (0.012)
pre32	-0.218** (0.069)	-0.013 (0.015)	-0.128* (0.059)	0.002 (0.004)	-0.019 (0.011)
pre33	-0.235** (0.078)	-0.020 (0.015)	-0.136* (0.065)	-0.004 (0.005)	-0.009 (0.012)
pre34	-0.198* (0.080)	-0.027 (0.016)	-0.125 (0.065)	-0.004 (0.004)	-0.007 (0.012)
pre35	-0.187* (0.084)	-0.018 (0.017)	-0.104 (0.068)	-0.004 (0.005)	-0.016 (0.013)
pre36	-0.170* (0.082)	-0.019 (0.016)	-0.100 (0.068)	-0.005 (0.005)	-0.014 (0.014)
pre37	-0.166* (0.079)	-0.016 (0.015)	-0.100 (0.064)	-0.004 (0.005)	-0.002 (0.014)
pre38	-0.125 (0.074)	-0.013 (0.016)	-0.091 (0.061)	-0.009 (0.006)	-0.011 (0.014)
pre39	-0.138* (0.069)	-0.019 (0.015)	-0.101 (0.059)	-0.007 (0.004)	-0.021 (0.014)
pre40	-0.116 (0.059)	-0.010 (0.012)	-0.080 (0.050)	-0.003 (0.004)	-0.009 (0.012)
Observations	5199	5199	5199	5123	5198

Table S4. Personality and dissociative disorders

	Avoidant pers. disorder	Paranoia	Compulsive hoarding	Comp. behavior	Depersonalization
pre1	0.004 (0.009)	-0.014 (0.010)	0.004 (0.019)	-0.048 (0.040)	-0.003 (0.006)
pre2	0.009 (0.010)	-0.015 (0.008)	0.006 (0.014)	-0.013 (0.022)	0.002 (0.005)
pre3	-0.002 (0.009)	-0.013 (0.009)	-0.001 (0.010)	-0.011 (0.017)	0.001 (0.006)
pre4	0.000 (0.010)	-0.020* (0.010)	0.000 (0.010)	-0.014 (0.010)	0.004 (0.006)
pre5	-0.003 (0.012)	-0.017* (0.008)	0.002 (0.009)	-0.016 (0.010)	-0.001 (0.005)
pre6	-0.007 (0.010)	-0.010 (0.007)	0.005 (0.006)	-0.008 (0.009)	0.003 (0.005)
pre7	0.005 (0.010)	-0.012 (0.006)	0.002 (0.005)	-0.004 (0.007)	0.005 (0.005)
pre8	0.005 (0.010)	-0.010 (0.007)	0.005 (0.005)	-0.009 (0.008)	0.006 (0.005)
pre9	0.010 (0.009)	-0.007 (0.009)	0.009 (0.005)	-0.008 (0.009)	0.004 (0.004)
pre10	-0.001 (0.007)	-0.016 (0.009)	-0.001 (0.005)	-0.005 (0.008)	0.006 (0.003)
pre11	0.001 (0.008)	-0.014 (0.011)	-0.003 (0.007)	-0.015 (0.011)	0.010** (0.004)
pre12	-0.010 (0.011)	-0.018 (0.010)	-0.009 (0.007)	-0.007 (0.010)	0.007 (0.004)
pre13	-0.009 (0.011)	-0.018 (0.010)	-0.011 (0.008)	-0.021 (0.012)	0.003 (0.005)
pre14	-0.013 (0.010)	-0.019 (0.010)	-0.009 (0.008)	-0.033* (0.014)	0.003 (0.005)
pre15	-0.012 (0.010)	-0.017 (0.010)	-0.004 (0.007)	-0.040* (0.018)	-0.005 (0.004)
pre16	-0.009 (0.007)	-0.025 (0.013)	-0.005 (0.009)	-0.051* (0.020)	-0.004 (0.005)
pre17	0.003 (0.011)	-0.023 (0.014)	-0.004 (0.010)	-0.038* (0.018)	-0.001 (0.005)
pre18	0.007 (0.009)	-0.029 (0.018)	-0.006 (0.012)	-0.045* (0.021)	-0.001 (0.006)
pre19	0.006 (0.010)	-0.017 (0.018)	0.002 (0.012)	-0.035 (0.023)	-0.001 (0.007)
pre20	0.004 (0.009)	-0.016 (0.015)	-0.004 (0.013)	-0.020 (0.022)	-0.003 (0.006)
pre21	-0.000 (0.011)	-0.010 (0.014)	-0.001 (0.012)	-0.026 (0.020)	0.001 (0.005)
pre22	-0.003 (0.013)	-0.010 (0.012)	-0.001 (0.011)	-0.034* (0.017)	-0.000 (0.005)
pre23	-0.006 (0.012)	-0.018 (0.012)	-0.002 (0.010)	-0.036* (0.018)	0.004 (0.005)
pre24	-0.009 (0.009)	-0.016 (0.011)	-0.002 (0.010)	-0.037* (0.017)	0.004 (0.005)

Table S4. Personality and dissociative disorders

	Avoidant pers. disorder	Paranoia	Compulsive hoarding	Comp. behavior	Depersonalization
pre25	-0.005 (0.008)	-0.012 (0.008)	0.002 (0.010)	-0.033* (0.016)	0.000 (0.005)
pre26	-0.001 (0.008)	-0.014 (0.008)	-0.003 (0.009)	-0.036* (0.017)	-0.003 (0.005)
pre27	0.003 (0.009)	-0.012 (0.009)	-0.003 (0.008)	-0.030 (0.018)	-0.004 (0.004)
pre28	-0.003 (0.008)	-0.014 (0.008)	0.007 (0.008)	-0.033 (0.022)	-0.004 (0.005)
pre29	-0.005 (0.009)	-0.007 (0.008)	-0.002 (0.008)	-0.044* (0.021)	-0.002 (0.005)
pre30	-0.006 (0.008)	-0.006 (0.008)	0.001 (0.008)	-0.021 (0.016)	0.001 (0.004)
pre31	-0.010 (0.009)	-0.007 (0.008)	-0.007 (0.009)	-0.022 (0.016)	-0.002 (0.004)
pre32	0.000 (0.006)	-0.010 (0.007)	-0.017 (0.015)	-0.024 (0.023)	-0.006 (0.004)
pre33	0.009 (0.008)	-0.012 (0.009)	0.015 (0.025)	-0.031 (0.020)	-0.003 (0.004)
pre34	0.002 (0.008)	-0.011 (0.010)	-0.006 (0.009)	-0.005 (0.022)	0.001 (0.004)
pre35	0.007 (0.011)	-0.005 (0.011)	-0.016 (0.009)	-0.011 (0.017)	-0.005 (0.005)
pre36	0.002 (0.009)	-0.013 (0.009)	-0.019* (0.010)	-0.006 (0.017)	-0.002 (0.005)
pre37	-0.006 (0.009)	-0.005 (0.008)	-0.017 (0.011)	-0.014 (0.017)	-0.002 (0.005)
pre38	-0.007 (0.007)	0.003 (0.007)	-0.016* (0.008)	-0.017 (0.016)	-0.000 (0.004)
pre39	-0.002 (0.006)	0.009 (0.007)	-0.008 (0.006)	-0.013 (0.016)	-0.001 (0.004)
pre40	-0.002 (0.005)	0.009 (0.006)	-0.008 (0.006)	-0.016 (0.015)	-0.004 (0.004)
Observations	5171	5189	5162	5199	5095

Table S5. Other disorders

	Sexual dysf.	Erectile dysf.	Binge eating	Attention deficit	Psychosis	Aud. Hall.	Epilepsy
pre1	-0.032 (0.017)	-0.085* (0.036)	-0.005 (0.011)	-0.110 (0.065)	-0.023 (0.031)	-0.008 (0.005)	-0.038 (0.033)
pre2	-0.031* (0.015)	-0.085** (0.033)	0.001 (0.009)	-0.129** (0.050)	0.004 (0.028)	-0.003 (0.005)	-0.048 (0.028)
pre3	-0.012 (0.012)	-0.041 (0.037)	-0.011 (0.009)	-0.141*** (0.042)	0.001 (0.027)	0.001 (0.005)	-0.049 (0.027)
pre4	-0.004 (0.012)	-0.009 (0.034)	-0.014 (0.012)	-0.152*** (0.046)	-0.015 (0.025)	0.002 (0.005)	-0.054 (0.030)
pre5	-0.004 (0.009)	-0.037 (0.030)	-0.012 (0.010)	-0.117** (0.044)	0.002 (0.029)	0.000 (0.004)	-0.049 (0.034)
pre6	-0.008 (0.011)	-0.035 (0.030)	0.003 (0.009)	-0.116* (0.052)	-0.008 (0.027)	0.003 (0.003)	-0.049 (0.035)
pre7	0.008 (0.009)	-0.006 (0.032)	0.002 (0.007)	-0.091 (0.061)	0.006 (0.032)	-0.001 (0.004)	0.002 (0.036)
pre8	0.002 (0.008)	-0.011 (0.033)	0.010 (0.011)	-0.106* (0.053)	-0.022 (0.026)	0.003 (0.004)	-0.014 (0.030)
pre9	0.018 (0.010)	-0.010 (0.036)	0.007 (0.010)	-0.059 (0.046)	-0.021 (0.024)	0.003 (0.004)	0.003 (0.025)
pre10	0.011 (0.009)	-0.016 (0.039)	0.015 (0.011)	-0.054 (0.042)	0.004 (0.020)	0.008* (0.004)	-0.010 (0.022)
pre11	0.009 (0.011)	-0.041 (0.043)	0.021 (0.015)	-0.041 (0.045)	0.009 (0.023)	0.007 (0.004)	0.001 (0.025)
pre12	0.004 (0.010)	-0.080 (0.044)	0.012 (0.014)	-0.148** (0.048)	-0.027 (0.024)	0.003 (0.004)	-0.010 (0.025)
pre13	-0.002 (0.011)	-0.083* (0.042)	0.001 (0.014)	-0.185*** (0.053)	-0.044 (0.024)	0.005 (0.004)	-0.050 (0.033)
pre14	0.002 (0.014)	-0.042 (0.043)	-0.017 (0.015)	-0.211*** (0.059)	-0.053 (0.029)	0.003 (0.005)	-0.068 (0.046)
pre15	0.003 (0.015)	-0.022 (0.045)	-0.027 (0.020)	-0.223*** (0.065)	-0.082* (0.034)	0.002 (0.006)	-0.051 (0.056)
pre16	0.013 (0.016)	-0.002 (0.040)	-0.029 (0.022)	-0.228*** (0.069)	-0.086* (0.038)	0.001 (0.006)	-0.062 (0.059)
pre17	0.004 (0.017)	-0.005 (0.039)	-0.024 (0.018)	-0.202** (0.073)	-0.078* (0.035)	-0.003 (0.006)	0.011 (0.064)
pre18	-0.010 (0.021)	-0.007 (0.044)	-0.025 (0.016)	-0.193** (0.073)	-0.069 (0.037)	-0.004 (0.007)	-0.028 (0.062)
pre19	-0.007 (0.018)	0.001 (0.047)	-0.025 (0.014)	-0.209** (0.075)	-0.067 (0.036)	-0.003 (0.007)	-0.035 (0.065)
pre20	-0.009 (0.021)	0.004 (0.047)	-0.032* (0.015)	-0.185* (0.076)	-0.057 (0.032)	0.000 (0.006)	-0.028 (0.075)
pre21	0.001 (0.018)	0.001 (0.047)	-0.032* (0.015)	-0.157* (0.073)	-0.045 (0.033)	-0.002 (0.006)	-0.045 (0.068)
pre22	0.005 (0.015)	0.015 (0.051)	-0.045** (0.015)	-0.183* (0.076)	-0.044 (0.031)	-0.001 (0.007)	-0.105 (0.060)
pre23	0.009 (0.014)	-0.002 (0.053)	-0.046** (0.016)	-0.166* (0.080)	-0.054 (0.029)	-0.007 (0.006)	-0.085 (0.068)
pre24	0.001 (0.014)	0.008 (0.053)	-0.058*** (0.016)	-0.190* (0.083)	-0.055 (0.030)	-0.003 (0.006)	-0.031 (0.053)

Table S5. Other disorders

	Sexual dysf.	Erectile dysf.	Binge eating	Attention deficit	Psychosis	Aud. Hall.	Epilepsy
pre25	0.003 (0.015)	-0.003 (0.050)	-0.051* (0.020)	-0.185* (0.084)	-0.025 (0.030)	-0.003 (0.005)	-0.043 (0.061)
pre26	-0.010 (0.016)	-0.008 (0.048)	-0.045* (0.021)	-0.161 (0.090)	-0.035 (0.030)	-0.006 (0.004)	-0.013 (0.048)
pre27	0.007 (0.015)	0.016 (0.043)	-0.023 (0.020)	-0.153 (0.100)	-0.033 (0.031)	-0.003 (0.004)	0.015 (0.048)
pre28	0.010 (0.014)	0.006 (0.044)	-0.019 (0.015)	-0.146 (0.106)	-0.033 (0.031)	-0.003 (0.005)	0.021 (0.044)
pre29	0.009 (0.011)	0.026 (0.036)	-0.013 (0.012)	-0.128 (0.107)	-0.021 (0.030)	-0.000 (0.005)	0.024 (0.041)
pre30	0.018* (0.009)	0.018 (0.036)	0.004 (0.012)	-0.150 (0.104)	-0.006 (0.032)	0.002 (0.006)	-0.016 (0.041)
pre31	0.014 (0.012)	-0.038 (0.037)	0.006 (0.012)	-0.124 (0.107)	-0.017 (0.034)	-0.005 (0.006)	-0.036 (0.048)
pre32	0.003 (0.011)	-0.061 (0.033)	0.006 (0.009)	-0.100 (0.101)	-0.016 (0.035)	-0.002 (0.006)	-0.059 (0.057)
pre33	-0.008 (0.012)	-0.099** (0.034)	-0.000 (0.007)	-0.081 (0.096)	-0.045 (0.040)	-0.002 (0.006)	-0.097 (0.070)
pre34	-0.008 (0.012)	-0.104** (0.039)	0.000 (0.007)	-0.073 (0.091)	-0.038 (0.043)	-0.006 (0.006)	-0.111 (0.090)
pre35	-0.011 (0.012)	-0.097* (0.041)	-0.004 (0.008)	-0.063 (0.086)	-0.049 (0.043)	-0.004 (0.005)	-0.090 (0.095)
pre36	-0.009 (0.012)	-0.095* (0.043)	-0.000 (0.009)	-0.082 (0.081)	-0.041 (0.040)	-0.002 (0.005)	-0.141 (0.119)
pre37	-0.011 (0.014)	-0.094* (0.042)	-0.000 (0.009)	-0.092 (0.073)	-0.009 (0.036)	0.003 (0.005)	-0.211 (0.158)
pre38	-0.008 (0.013)	-0.063 (0.042)	0.009 (0.010)	-0.086 (0.067)	-0.022 (0.032)	0.002 (0.005)	-0.074 (0.154)
pre39	-0.013 (0.013)	-0.062 (0.041)	0.012 (0.011)	-0.087 (0.061)	-0.025 (0.030)	-0.000 (0.005)	0.120 (0.141)
pre40	0.002 (0.011)	-0.049 (0.038)	0.015 (0.009)	-0.033 (0.053)	-0.004 (0.027)	0.005 (0.004)	0.056 (0.090)
Observations	5199	5199	5197	5199	5199	5105	5199

Event study results: treatment dynamics

Table S6. Anxiety disorders

	Anxiety	GAD	Panic attack	Hyperventilation	Palpitations	Tachycardia	Tachypnea
tau0	0.220* (0.098)	0.065* (0.030)	0.072* (0.033)	0.013 (0.007)	0.002 (0.012)	0.054 (0.030)	-0.004 (0.009)
tau1	0.381** (0.123)	0.147** (0.055)	0.107* (0.048)	-0.014 (0.014)	0.058 (0.040)	0.106* (0.047)	-0.029* (0.013)
tau2	0.443* (0.187)	0.104* (0.047)	0.097 (0.054)	-0.017 (0.017)	0.050 (0.035)	0.240*** (0.067)	-0.002 (0.013)
tau3	0.575* (0.238)	0.163** (0.057)	0.085 (0.057)	-0.007 (0.026)	0.037 (0.038)	0.247** (0.079)	0.007 (0.016)
tau4	0.343 (0.257)	0.024 (0.047)	0.051 (0.070)	-0.003 (0.022)	0.036 (0.037)	0.209** (0.067)	0.016 (0.021)
tau5	0.669** (0.236)	0.185* (0.079)	0.146** (0.054)	-0.010 (0.023)	0.020 (0.029)	0.178** (0.067)	0.014 (0.018)
tau6	0.263 (0.250)	0.055 (0.057)	0.034 (0.055)	-0.014 (0.027)	0.042 (0.053)	0.014 (0.068)	-0.013 (0.022)
tau7	0.262 (0.235)	0.136* (0.067)	0.086 (0.053)	-0.019 (0.027)	-0.034 (0.043)	0.074 (0.059)	-0.019 (0.017)
tau8	-0.038 (0.331)	0.080 (0.078)	0.014 (0.049)	-0.021 (0.027)	-0.049 (0.056)	-0.029 (0.068)	-0.013 (0.011)
tau9	-0.123 (0.401)	0.079 (0.063)	-0.014 (0.069)	-0.036 (0.026)	-0.094 (0.049)	0.036 (0.044)	-0.017 (0.020)
tau10	-0.266 (0.451)	0.097 (0.078)	-0.027 (0.070)	-0.032 (0.026)	-0.059 (0.047)	0.001 (0.053)	-0.019 (0.014)
tau11	-0.237 (0.462)	0.078 (0.058)	-0.019 (0.086)	-0.029 (0.024)	-0.057 (0.045)	-0.015 (0.055)	-0.023 (0.023)
tau12	-0.566 (0.443)	0.048 (0.076)	-0.089 (0.083)	-0.038 (0.020)	-0.056 (0.036)	-0.017 (0.035)	-0.017 (0.019)
tau13	-0.560 (0.443)	0.080 (0.060)	-0.057 (0.088)	-0.051* (0.022)	-0.095 (0.058)	-0.144* (0.067)	-0.028 (0.029)
tau14	-0.603 (0.450)	0.017 (0.075)	-0.176 (0.096)	-0.057** (0.020)	-0.063 (0.048)	-0.126 (0.065)	-0.038 (0.026)
tau15	-0.725 (0.443)	0.026 (0.069)	-0.168 (0.100)	-0.049 (0.026)	-0.146* (0.057)	-0.180* (0.079)	-0.026 (0.026)
tau16	-0.688 (0.442)	-0.066 (0.065)	-0.234** (0.084)	-0.051* (0.024)	-0.041 (0.049)	-0.149* (0.072)	-0.019 (0.024)
tau17	-0.828 (0.442)	-0.071 (0.052)	-0.088 (0.082)	-0.053 (0.029)	-0.086** (0.032)	-0.083 (0.061)	-0.005 (0.019)
tau18	-0.615 (0.429)	-0.061 (0.073)	-0.054 (0.068)	-0.061* (0.029)	-0.002 (0.024)	-0.130* (0.054)	-0.019 (0.021)
tau19	-0.424 (0.574)	0.014 (0.074)	0.020 (0.123)	-0.060* (0.029)	-0.087 (0.046)	-0.115** (0.044)	-0.003 (0.022)
tau20	-0.344 (0.549)	-0.018 (0.068)	-0.022 (0.105)	-0.030 (0.025)	-0.040 (0.039)	-0.111* (0.054)	-0.011 (0.024)
tau21	-0.260 (0.490)	-0.021 (0.072)	0.008 (0.115)	-0.075* (0.033)	-0.111* (0.049)	-0.092 (0.049)	-0.009 (0.016)
tau22	-0.413 (0.353)	-0.032 (0.047)	-0.069 (0.080)	-0.026 (0.020)	-0.066 (0.048)	-0.014 (0.052)	0.001 (0.019)

Table S6. Anxiety disorders

	Anxiety	GAD	Panic attack	Hyperventilation	Palpitations	Tachycardia	Tachypnea
tau23	-0.232 (0.295)	-0.053 (0.055)	-0.058 (0.075)	-0.039 (0.025)	-0.069 (0.054)	-0.011 (0.045)	0.024 (0.032)
tau24	-0.336 (0.282)	0.010 (0.050)	-0.113 (0.068)	-0.030 (0.017)	-0.024 (0.037)	0.066 (0.048)	-0.012 (0.017)
tau25	-0.122 (0.291)	-0.001 (0.062)	-0.108* (0.053)	-0.018 (0.027)	-0.041 (0.048)	0.048 (0.050)	0.021 (0.023)
tau26	-0.107 (0.298)	0.035 (0.092)	-0.100* (0.043)	-0.021 (0.018)	0.060* (0.024)	0.093 (0.078)	-0.000 (0.027)
tau27	0.160 (0.327)	0.097 (0.070)	0.035 (0.036)	0.001 (0.017)	0.021 (0.032)	0.054 (0.078)	-0.002 (0.029)
tau28	0.160 (0.232)	0.171*** (0.045)	0.033 (0.044)	0.042 (0.024)	0.080** (0.031)	0.072 (0.066)	0.017 (0.024)
tau29	0.222 (0.179)	0.216*** (0.051)	0.055 (0.056)	0.077** (0.025)	0.025 (0.026)	0.022 (0.071)	0.028 (0.020)
tau30	0.902** (0.287)	0.295** (0.094)	0.090 (0.088)	0.063* (0.032)	0.079 (0.045)	0.060 (0.101)	0.052* (0.020)
tau31	0.510* (0.242)	0.307*** (0.060)	0.049 (0.093)	0.043 (0.025)	0.058 (0.035)	0.037 (0.113)	0.040* (0.018)
tau32	0.851** (0.273)	0.255** (0.079)	0.026 (0.099)	0.021 (0.022)	0.026 (0.050)	0.090 (0.106)	0.055* (0.024)
tau33	0.562* (0.280)	0.311*** (0.069)	0.103 (0.060)	0.017 (0.022)	0.049 (0.035)	0.048 (0.103)	0.057*** (0.012)
tau34	0.539* (0.218)	0.198** (0.070)	0.121* (0.051)	0.027 (0.023)	-0.021 (0.053)	0.096 (0.118)	0.050 (0.029)
tau35	0.731** (0.282)	0.334*** (0.072)	0.180*** (0.048)	0.010 (0.023)	-0.013 (0.053)	0.093 (0.111)	0.047* (0.020)
tau36	0.954** (0.330)	0.332*** (0.078)	0.279*** (0.066)	0.010 (0.017)	0.081 (0.050)	0.082 (0.091)	0.037* (0.019)
tau37	1.005** (0.358)	0.433*** (0.106)	0.238* (0.093)	0.006 (0.034)	0.037 (0.049)	0.033 (0.068)	0.031 (0.024)
tau38	0.716* (0.318)	0.364*** (0.105)	0.181** (0.067)	0.033 (0.024)	0.075 (0.087)	0.011 (0.067)	0.037* (0.018)
tau39	0.799* (0.349)	0.414*** (0.088)	0.195* (0.087)	0.052* (0.026)	-0.019 (0.040)	-0.005 (0.076)	0.012 (0.011)
Observations	5199	5199	5199	5154	5199	5151	5199

Table S7. Mood disorders, self-harm, and suicidal ideation

	Mood swing	Mood disorder	Depression	Major dep. disorder	Self-harm	Suicidal ideation
tau0	-0.012 (0.010)	0.002 (0.020)	0.064 (0.073)	0.026 (0.046)	-0.028 (0.016)	-0.013 (0.018)
tau1	0.008 (0.028)	-0.082 (0.059)	0.161 (0.094)	0.238* (0.107)	0.003 (0.012)	-0.013 (0.022)
tau2	-0.020 (0.025)	0.089 (0.055)	0.175 (0.119)	0.325* (0.145)	-0.000 (0.029)	0.011 (0.038)
tau3	-0.058 (0.040)	-0.008 (0.059)	0.162 (0.180)	0.392* (0.173)	0.004 (0.021)	0.028 (0.042)
tau4	-0.022 (0.032)	0.148* (0.072)	0.078 (0.210)	0.516* (0.213)	0.012 (0.024)	0.053 (0.055)
tau5	-0.059 (0.031)	-0.012 (0.058)	0.085 (0.184)	0.556*** (0.160)	-0.023 (0.028)	0.077 (0.046)
tau6	-0.000 (0.029)	0.060 (0.077)	0.119 (0.224)	0.593** (0.210)	0.066 (0.035)	0.127* (0.056)
tau7	0.003 (0.029)	-0.050 (0.089)	-0.054 (0.250)	0.435* (0.212)	-0.016 (0.031)	0.132* (0.062)
tau8	0.002 (0.044)	-0.025 (0.107)	-0.029 (0.333)	0.329 (0.272)	0.052* (0.022)	0.070 (0.059)
tau9	0.016 (0.045)	0.048 (0.111)	-0.213 (0.376)	0.216 (0.272)	0.033 (0.037)	0.073 (0.055)
tau10	0.031 (0.040)	-0.066 (0.104)	-0.212 (0.376)	0.085 (0.232)	0.058 (0.042)	-0.000 (0.065)
tau11	0.015 (0.053)	0.014 (0.092)	-0.258 (0.367)	0.084 (0.185)	0.037 (0.028)	0.006 (0.072)
tau12	0.010 (0.035)	-0.115 (0.104)	-0.581 (0.376)	-0.083 (0.185)	0.007 (0.036)	-0.014 (0.054)
tau13	-0.043 (0.039)	0.005 (0.097)	-0.458 (0.362)	0.002 (0.150)	-0.094 (0.061)	0.081 (0.058)
tau14	-0.050 (0.034)	-0.090 (0.108)	-0.652 (0.389)	-0.100 (0.178)	-0.080 (0.043)	0.070 (0.055)
tau15	-0.074* (0.037)	-0.062 (0.095)	-0.425 (0.363)	0.035 (0.166)	-0.074 (0.056)	0.101 (0.057)
tau16	-0.046 (0.032)	-0.065 (0.108)	-0.462 (0.391)	-0.040 (0.198)	-0.060** (0.022)	-0.046 (0.062)
tau17	-0.105 (0.062)	-0.045 (0.095)	-0.536 (0.399)	-0.015 (0.211)	0.010 (0.027)	-0.005 (0.061)
tau18	-0.082* (0.037)	-0.035 (0.099)	-0.488 (0.397)	-0.143 (0.205)	-0.051 (0.034)	-0.026 (0.068)
tau19	-0.078 (0.048)	0.018 (0.108)	-0.387 (0.503)	-0.005 (0.262)	-0.009 (0.045)	0.035 (0.062)
tau20	-0.069 (0.038)	-0.035 (0.113)	-0.501 (0.485)	-0.076 (0.239)	-0.035 (0.022)	0.057 (0.058)
tau21	-0.028 (0.042)	0.057 (0.116)	-0.405 (0.467)	0.075 (0.258)	-0.081 (0.047)	0.053 (0.051)
tau22	-0.038 (0.030)	-0.018 (0.095)	-0.747 (0.390)	0.019 (0.215)	-0.006 (0.027)	0.074 (0.056)
tau23	-0.052* (0.022)	0.038 (0.084)	-0.461 (0.326)	0.040 (0.196)	-0.044 (0.032)	-0.043 (0.058)

Table S7. Mood disorders, self-harm, and suicidal ideation

	Mood swing	Mood disorder	Depression	Major dep. disorder	Self-harm	Suicidal ideation
tau24	-0.043 (0.036)	-0.032 (0.069)	-0.602* (0.299)	0.166 (0.181)	0.050 (0.027)	-0.061 (0.048)
tau25	-0.046 (0.030)	0.029 (0.053)	-0.358 (0.251)	0.015 (0.144)	0.056* (0.022)	-0.088 (0.054)
tau26	-0.032 (0.046)	0.022 (0.082)	-0.340 (0.221)	0.206 (0.140)	0.086* (0.037)	-0.081 (0.057)
tau27	-0.011 (0.036)	0.026 (0.086)	-0.128 (0.299)	0.157 (0.201)	0.040 (0.036)	0.012 (0.064)
tau28	-0.026 (0.024)	0.049 (0.083)	-0.178 (0.173)	0.234 (0.128)	0.081* (0.035)	-0.058 (0.051)
tau29	0.029 (0.023)	0.001 (0.062)	-0.092 (0.181)	0.226 (0.131)	0.042 (0.041)	-0.007 (0.055)
tau30	-0.030 (0.034)	0.106 (0.055)	0.303 (0.184)	0.549* (0.255)	0.090*** (0.021)	-0.005 (0.049)
tau31	-0.008 (0.021)	0.081 (0.063)	-0.033 (0.176)	0.446* (0.174)	0.042 (0.024)	-0.011 (0.042)
tau32	-0.032 (0.037)	0.097 (0.062)	0.323 (0.245)	0.535*** (0.151)	0.077*** (0.022)	0.005 (0.056)
tau33	-0.020 (0.013)	0.122* (0.059)	0.135 (0.195)	0.582*** (0.108)	0.075* (0.029)	0.049 (0.050)
tau34	-0.019 (0.028)	0.126* (0.057)	0.075 (0.162)	0.421*** (0.094)	0.064* (0.031)	0.024 (0.050)
tau35	-0.007 (0.026)	0.143** (0.051)	0.172 (0.180)	0.763*** (0.170)	0.085*** (0.024)	0.074 (0.044)
tau36	-0.026 (0.034)	0.173** (0.065)	0.223 (0.171)	0.604* (0.235)	0.079** (0.026)	0.083 (0.046)
tau37	-0.036 (0.033)	0.141 (0.079)	0.182 (0.172)	0.761** (0.264)	0.060 (0.040)	0.034 (0.043)
tau38	-0.065 (0.042)	0.171* (0.078)	0.329 (0.188)	0.670** (0.235)	0.048 (0.039)	0.075 (0.046)
tau39	-0.054* (0.023)	0.293*** (0.084)	0.301 (0.218)	0.754*** (0.211)	-0.013 (0.033)	0.066 (0.071)
Observations	5196	5199	5199	5199	5199	5199

Table S8. Sleep disorders

	Insomnia	Sleep deprivation	Sleep disorder	Hypersomnia	Excessive daytime sleepiness
tau0	-0.052 (0.051)	-0.013 (0.019)	-0.027 (0.034)	0.000 (0.004)	-0.003 (0.011)
tau1	0.073 (0.051)	-0.095* (0.042)	-0.055 (0.054)	0.002 (0.005)	0.037 (0.021)
tau2	0.142 (0.081)	-0.074 (0.046)	-0.034 (0.080)	-0.001 (0.009)	-0.042 (0.045)
tau3	0.070 (0.079)	-0.120* (0.054)	-0.140 (0.109)	-0.010 (0.009)	0.009 (0.041)
tau4	0.131 (0.089)	-0.024 (0.065)	-0.018 (0.128)	-0.036 (0.019)	-0.040 (0.060)
tau5	0.085 (0.073)	0.042 (0.053)	-0.005 (0.132)	-0.019 (0.015)	0.005 (0.032)
tau6	0.018 (0.089)	0.037 (0.074)	0.021 (0.130)	-0.031 (0.020)	0.046 (0.047)
tau7	-0.049 (0.106)	0.005 (0.045)	-0.110 (0.134)	-0.005 (0.013)	0.057 (0.039)
tau8	-0.094 (0.154)	-0.066 (0.044)	-0.168 (0.119)	0.008 (0.011)	0.118* (0.056)
tau9	-0.205 (0.120)	-0.037 (0.054)	-0.292 (0.188)	0.013 (0.019)	0.102* (0.051)
tau10	-0.051 (0.191)	-0.096 (0.062)	-0.257 (0.170)	0.004 (0.021)	0.052 (0.062)
tau11	-0.103 (0.161)	-0.017 (0.052)	-0.273 (0.185)	-0.003 (0.025)	0.079 (0.068)
tau12	-0.016 (0.175)	-0.007 (0.061)	-0.189 (0.156)	-0.058** (0.020)	0.007 (0.059)
tau13	-0.146 (0.149)	-0.025 (0.052)	-0.154 (0.154)	-0.065*** (0.019)	0.037 (0.061)
tau14	-0.158 (0.160)	0.006 (0.073)	-0.125 (0.156)	-0.049** (0.018)	0.026 (0.057)
tau15	-0.285* (0.132)	-0.078 (0.057)	-0.247 (0.139)	-0.024 (0.021)	0.046 (0.054)
tau16	-0.392** (0.142)	-0.055 (0.072)	-0.192 (0.138)	-0.027 (0.023)	-0.003 (0.061)
tau17	-0.439*** (0.118)	-0.051 (0.066)	-0.319* (0.154)	-0.021 (0.022)	0.038 (0.048)
tau18	-0.311* (0.131)	-0.094 (0.078)	-0.115 (0.135)	-0.011 (0.029)	-0.010 (0.054)
tau19	-0.309 (0.201)	-0.024 (0.092)	-0.179 (0.183)	-0.029 (0.021)	-0.007 (0.076)
tau20	-0.047 (0.179)	-0.070 (0.091)	-0.106 (0.175)	-0.020 (0.032)	0.063 (0.071)
tau21	-0.127 (0.176)	0.008 (0.083)	-0.133 (0.162)	-0.037 (0.019)	0.055 (0.076)
tau22	0.162 (0.147)	-0.046 (0.071)	-0.015 (0.180)	-0.033 (0.024)	0.104 (0.071)
tau23	0.117 (0.141)	0.048 (0.076)	0.060 (0.133)	-0.018 (0.013)	0.113 (0.068)

Table S8. Sleep disorders

	Insomnia	Sleep deprivation	Sleep disorder	Hypersomnia	Excessive daytime sleepiness
tau24	0.180 (0.121)	-0.066 (0.055)	0.031 (0.143)	-0.023 (0.014)	0.072 (0.064)
tau25	0.069 (0.142)	0.011 (0.067)	0.149 (0.086)	-0.005 (0.011)	0.069 (0.065)
tau26	0.313* (0.149)	-0.065 (0.044)	0.109 (0.111)	-0.003 (0.011)	0.075 (0.041)
tau27	0.324 (0.167)	-0.007 (0.041)	0.212 (0.128)	0.017 (0.020)	0.073 (0.050)
tau28	0.401** (0.146)	-0.003 (0.029)	0.180 (0.131)	-0.002 (0.012)	0.019 (0.040)
tau29	0.394** (0.140)	0.034 (0.039)	0.144 (0.119)	0.001 (0.016)	0.044 (0.044)
tau30	0.566*** (0.170)	0.095 (0.071)	0.313* (0.153)	-0.006 (0.017)	0.041 (0.057)
tau31	0.441** (0.169)	-0.024 (0.061)	0.206 (0.111)	0.009 (0.015)	0.084 (0.059)
tau32	0.705*** (0.182)	0.048 (0.066)	0.381** (0.120)	0.011 (0.017)	0.098* (0.043)
tau33	0.661*** (0.195)	-0.024 (0.032)	0.327** (0.111)	0.008 (0.013)	0.144** (0.047)
tau34	0.773*** (0.205)	0.036 (0.051)	0.445*** (0.131)	-0.004 (0.017)	0.118** (0.045)
tau35	0.814** (0.255)	0.049 (0.031)	0.425** (0.160)	0.019 (0.016)	0.167*** (0.048)
tau36	0.866*** (0.246)	0.112 (0.074)	0.541*** (0.145)	0.030 (0.022)	0.117* (0.055)
tau37	0.889*** (0.235)	0.023 (0.035)	0.537*** (0.144)	0.030* (0.013)	0.146** (0.050)
tau38	0.827*** (0.197)	0.095 (0.051)	0.458** (0.140)	0.029* (0.014)	0.152* (0.065)
tau39	0.830*** (0.184)	0.037 (0.075)	0.489** (0.157)	0.001 (0.015)	0.119* (0.059)
Observations	5199	5199	5199	5123	5198

Table S9. Personality and dissociative disorders

	Avoidant pers. disorder	Paranoia	Compulsive hoarding	Comp. behavior	Depersonalization
tau0	-0.005 (0.005)	-0.007 (0.012)	-0.004 (0.012)	-0.036 (0.023)	-0.005 (0.003)
tau1	-0.035 (0.031)	-0.028 (0.019)	-0.001 (0.018)	0.036 (0.032)	0.002 (0.006)
tau2	-0.052 (0.030)	-0.045 (0.030)	-0.006 (0.015)	0.092 (0.047)	-0.016 (0.010)
tau3	0.000 (0.039)	-0.028 (0.039)	-0.002 (0.014)	0.050 (0.043)	0.002 (0.022)
tau4	-0.009 (0.043)	0.001 (0.032)	0.002 (0.016)	0.102* (0.046)	-0.027* (0.014)
tau5	0.076 (0.041)	0.040 (0.034)	0.023 (0.033)	0.094* (0.045)	-0.014 (0.016)
tau6	0.010 (0.032)	0.094* (0.038)	-0.023 (0.028)	0.107 (0.058)	-0.001 (0.028)
tau7	0.066* (0.030)	0.056 (0.033)	0.026 (0.034)	0.115 (0.066)	-0.006 (0.024)
tau8	0.048 (0.030)	0.077* (0.035)	0.009 (0.020)	0.046 (0.060)	0.006 (0.030)
tau9	0.029 (0.024)	-0.009 (0.037)	0.026 (0.028)	0.007 (0.063)	-0.003 (0.012)
tau10	0.062*** (0.019)	0.018 (0.023)	0.048 (0.025)	-0.040 (0.065)	-0.001 (0.012)
tau11	-0.001 (0.032)	0.066 (0.042)	0.032 (0.023)	-0.016 (0.060)	-0.008 (0.016)
tau12	0.047 (0.029)	-0.019 (0.037)	-0.048* (0.022)	-0.067 (0.068)	-0.038* (0.017)
tau13	0.017 (0.036)	0.063 (0.041)	-0.003 (0.018)	0.021 (0.074)	-0.022 (0.019)
tau14	0.035 (0.034)	-0.063 (0.046)	-0.059 (0.044)	0.024 (0.074)	-0.045* (0.018)
tau15	0.045 (0.037)	0.031 (0.022)	-0.034* (0.015)	0.044 (0.079)	-0.023 (0.014)
tau16	0.010 (0.037)	-0.017 (0.039)	0.004 (0.032)	-0.070 (0.082)	-0.036* (0.015)
tau17	0.058 (0.055)	0.025 (0.019)	-0.015 (0.030)	-0.039 (0.078)	0.002 (0.012)
tau18	0.011 (0.049)	-0.025 (0.019)	0.027 (0.024)	-0.071 (0.086)	0.002 (0.016)
tau19	0.110* (0.047)	0.020 (0.038)	0.135 (0.122)	0.095 (0.088)	0.000 (0.021)
tau20	0.035 (0.050)	0.002 (0.019)	0.040 (0.044)	0.036 (0.073)	-0.006 (0.021)
tau21	0.085* (0.043)	0.025 (0.028)	0.120 (0.112)	0.065 (0.078)	-0.022 (0.018)
tau22	0.035 (0.060)	0.035 (0.027)	-0.011 (0.017)	-0.025 (0.069)	-0.038 (0.020)
tau23	0.011 (0.073)	0.015 (0.013)	-0.000 (0.024)	-0.057 (0.067)	-0.039* (0.019)

Table S9. Personality and dissociative disorders

	Avoidant pers. disorder	Paranoia	Compulsive hoarding	Comp. behavior	Depersonalization
tau24	-0.010 (0.070)	0.023 (0.023)	-0.084** (0.026)	-0.083 (0.084)	-0.053*** (0.014)
tau25	-0.028 (0.038)	0.024 (0.026)	-0.044* (0.022)	-0.109 (0.107)	-0.043* (0.019)
tau26	-0.004 (0.034)	0.058 (0.039)	-0.040 (0.028)	-0.055 (0.049)	-0.032* (0.013)
tau27	0.005 (0.032)	0.032 (0.039)	-0.023 (0.017)	-0.089 (0.055)	-0.017 (0.023)
tau28	-0.017 (0.036)	0.067** (0.023)	-0.026 (0.022)	0.048 (0.036)	-0.040 (0.023)
tau29	-0.027 (0.035)	0.027 (0.033)	-0.024 (0.013)	-0.022 (0.039)	-0.054** (0.021)
tau30	-0.006 (0.032)	0.023 (0.023)	-0.056*** (0.015)	0.062 (0.050)	-0.050** (0.018)
tau31	-0.035 (0.026)	0.031 (0.025)	-0.002 (0.013)	-0.029 (0.043)	-0.062** (0.019)
tau32	-0.033 (0.031)	0.038 (0.034)	-0.054** (0.018)	0.087 (0.045)	-0.015 (0.014)
tau33	-0.032 (0.034)	-0.006 (0.031)	-0.015 (0.011)	0.043 (0.048)	-0.025 (0.015)
tau34	-0.050 (0.028)	0.013 (0.025)	-0.018 (0.024)	0.113 (0.062)	-0.015 (0.015)
tau35	0.026 (0.036)	-0.008 (0.024)	-0.014 (0.015)	0.012 (0.054)	-0.021 (0.011)
tau36	-0.032 (0.050)	0.013 (0.025)	0.033** (0.010)	0.103 (0.057)	-0.025** (0.009)
tau37	0.059 (0.036)	0.036 (0.026)	-0.033 (0.018)	0.031 (0.047)	-0.032*** (0.009)
tau38	-0.010 (0.029)	0.080* (0.041)	-0.004 (0.030)	0.092 (0.057)	-0.041** (0.013)
tau39	0.037 (0.030)	0.062 (0.036)	-0.068** (0.021)	0.065 (0.050)	-0.057*** (0.017)
Observations	5171	5189	5162	5199	5095

Table S10. Other disorders

	Sexual dysf.	Erectile dysf.	Binge eating	Attention deficit	Psychosis	Aud. Hall.	Epilepsy
tau0	-0.031 (0.021)	0.016 (0.042)	-0.016 (0.019)	0.088 (0.066)	-0.010 (0.036)	-0.002 (0.005)	0.067 (0.050)
tau1	-0.027 (0.021)	0.082 (0.065)	-0.007 (0.023)	0.232 (0.147)	0.064 (0.055)	0.010 (0.010)	0.208 (0.115)
tau2	-0.041 (0.028)	0.005 (0.079)	-0.011 (0.022)	0.264 (0.162)	0.093 (0.068)	-0.015 (0.014)	0.250 (0.135)
tau3	-0.050 (0.051)	-0.080 (0.103)	-0.031 (0.026)	0.349 (0.201)	0.146 (0.084)	0.019 (0.015)	0.238 (0.156)
tau4	-0.026 (0.058)	-0.070 (0.127)	-0.003 (0.026)	0.447* (0.179)	0.146* (0.074)	-0.022 (0.018)	0.258* (0.127)
tau5	0.023 (0.058)	-0.121 (0.104)	0.048 (0.032)	0.632*** (0.185)	0.245*** (0.069)	0.007 (0.011)	0.220* (0.111)
tau6	-0.006 (0.027)	-0.175 (0.121)	0.022 (0.035)	0.618*** (0.176)	0.293** (0.110)	0.003 (0.019)	0.192* (0.085)
tau7	0.034 (0.027)	-0.236** (0.089)	0.085 (0.049)	0.545** (0.186)	0.266* (0.105)	-0.001 (0.012)	0.146 (0.091)
tau8	-0.001 (0.029)	-0.308* (0.128)	-0.033 (0.049)	0.405 (0.208)	0.261 (0.153)	0.014 (0.009)	-0.044 (0.086)
tau9	-0.007 (0.018)	-0.220 (0.128)	0.024 (0.056)	0.160 (0.203)	0.156 (0.108)	-0.016 (0.009)	-0.094 (0.182)
tau10	0.011 (0.020)	-0.246 (0.147)	0.007 (0.060)	0.152 (0.224)	0.005 (0.082)	0.003 (0.009)	-0.155 (0.147)
tau11	0.028 (0.029)	-0.054 (0.133)	0.042 (0.058)	-0.132 (0.198)	0.024 (0.063)	-0.002 (0.013)	-0.039 (0.139)
tau12	-0.029 (0.047)	-0.111 (0.112)	0.083 (0.050)	0.007 (0.148)	-0.062 (0.058)	0.000 (0.008)	0.011 (0.145)
tau13	0.025 (0.044)	-0.107 (0.114)	-0.009 (0.078)	-0.046 (0.171)	-0.029 (0.042)	0.000 (0.016)	0.070 (0.082)
tau14	-0.083 (0.054)	-0.180 (0.153)	-0.018 (0.057)	0.042 (0.142)	0.096 (0.059)	-0.011 (0.013)	0.172 (0.103)
tau15	-0.025 (0.023)	-0.272 (0.163)	-0.055 (0.051)	0.100 (0.171)	0.054 (0.082)	-0.021 (0.015)	0.084 (0.104)
tau16	-0.075 (0.041)	-0.224 (0.160)	-0.018 (0.057)	-0.001 (0.156)	0.083 (0.079)	-0.026 (0.022)	0.142 (0.092)
tau17	-0.091 (0.061)	-0.358 (0.188)	0.005 (0.063)	-0.029 (0.179)	0.041 (0.100)	-0.021 (0.021)	0.069 (0.130)
tau18	-0.086* (0.037)	-0.355* (0.165)	-0.042 (0.066)	-0.002 (0.207)	-0.059 (0.071)	-0.015 (0.025)	0.029 (0.103)
tau19	-0.061 (0.059)	-0.296 (0.266)	0.042 (0.070)	0.041 (0.285)	-0.037 (0.098)	-0.017 (0.023)	0.093 (0.083)
tau20	0.031 (0.059)	-0.165 (0.222)	-0.026 (0.060)	-0.009 (0.289)	-0.042 (0.099)	-0.010 (0.021)	0.196 (0.125)
tau21	0.080 (0.043)	0.049 (0.152)	0.025 (0.062)	-0.098 (0.244)	-0.030 (0.104)	-0.011 (0.023)	0.316* (0.148)
tau22	0.047 (0.031)	0.054 (0.116)	-0.006 (0.050)	-0.121 (0.138)	-0.017 (0.050)	-0.029 (0.022)	0.485* (0.230)
tau23	0.037 (0.047)	0.154* (0.066)	-0.032 (0.051)	-0.114 (0.108)	-0.035 (0.083)	-0.029 (0.018)	0.522** (0.186)

Table S10. Other disorders

	Sexual dysf.	Erectile dysf.	Binge eating	Attention deficit	Psychosis	Aud. Hall.	Epilepsy
tau24	0.024 (0.039)	0.015 (0.086)	-0.100 (0.067)	-0.066 (0.094)	-0.058 (0.042)	-0.041*** (0.012)	0.660** (0.214)
tau25	-0.003 (0.071)	0.132* (0.061)	-0.059 (0.072)	-0.007 (0.136)	-0.002 (0.043)	-0.041* (0.019)	0.629** (0.222)
tau26	0.023 (0.054)	0.186 (0.119)	-0.061 (0.060)	0.007 (0.170)	0.078 (0.071)	-0.034* (0.015)	0.500* (0.217)
tau27	0.050 (0.052)	0.143 (0.109)	-0.017 (0.071)	0.167 (0.111)	0.031 (0.060)	-0.025 (0.013)	0.375 (0.220)
tau28	0.071 (0.052)	0.261 (0.135)	0.048 (0.059)	0.042 (0.112)	0.029 (0.047)	-0.025 (0.020)	0.345 (0.195)
tau29	0.113 (0.066)	0.039 (0.134)	0.051 (0.059)	0.072 (0.113)	-0.013 (0.049)	-0.023 (0.020)	0.262 (0.174)
tau30	0.114* (0.045)	0.266 (0.164)	0.030 (0.054)	0.296 (0.230)	0.125 (0.087)	-0.004 (0.024)	0.528** (0.199)
tau31	0.088 (0.054)	0.049 (0.150)	0.037 (0.045)	0.292 (0.176)	0.094 (0.050)	0.020 (0.015)	0.503* (0.207)
tau32	0.084 (0.049)	0.208 (0.155)	0.008 (0.049)	0.463** (0.170)	0.243** (0.086)	0.003 (0.019)	0.601** (0.197)
tau33	0.064 (0.044)	0.114 (0.140)	0.048 (0.047)	0.427** (0.151)	0.262*** (0.071)	0.053* (0.022)	0.577*** (0.161)
tau34	0.113** (0.036)	0.132 (0.114)	0.063 (0.057)	0.578*** (0.120)	0.278*** (0.078)	0.024 (0.022)	0.501*** (0.129)
tau35	0.090 (0.051)	0.196 (0.155)	0.077 (0.046)	0.558*** (0.143)	0.267*** (0.072)	0.042* (0.018)	0.635*** (0.152)
tau36	0.086 (0.054)	0.147 (0.122)	0.010 (0.052)	0.551** (0.171)	0.234** (0.081)	0.026 (0.016)	0.639** (0.197)
tau37	0.089 (0.066)	0.141 (0.145)	0.073 (0.066)	0.557** (0.185)	0.144 (0.098)	0.015 (0.017)	0.745*** (0.216)
tau38	0.127** (0.048)	0.016 (0.128)	0.023 (0.059)	0.675*** (0.189)	0.169* (0.084)	0.006 (0.013)	0.714** (0.241)
tau39	0.076 (0.051)	-0.101 (0.102)	0.075 (0.090)	0.734*** (0.150)	0.179* (0.082)	-0.003 (0.015)	0.822*** (0.244)
Observations	5199	5199	5197	5199	5199	5105	5199