**Table 1. Significant modifiable factors (left** **hippocampus volume).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Basal metabolic rate | 0.00002 | 0.0017% | 0.2207 | 14.1355 | 4.2169E-45 | 5.2829 |
| Time spent watching television (TV) | -0.0028 | -0.2787% | -0.0411 | -5.5900 | 2.3072E-08 | 1.1735 |
| Diastolic blood pressure | -0.0004 | -0.0398% | -0.0386 | -5.3249 | 1.0231E-07 | 1.1406 |
| Diabetes | -0.0151 | -1.5032% | -0.0341 | -4.7746 | 1.8165E-06 | 1.1065 |
| Qualifications | -0.0072 | -0.7190% | -0.0334 | -4.6722 | 3.0030E-06 | 1.1082 |
| Hand grip strength | 0.0005 | 0.0484% | 0.0489 | 4.5536 | 5.3105E-06 | 2.5008 |
| Townsend deprivation index at recruitment | -0.0010 | -0.1035% | -0.0262 | -3.4939 | 4.7735E-04 | 1.2188 |
| BMI | -0.0008 | -0.0779% | -0.0317 | -3.2400 | 1.1976E-03 | 2.0708 |
| Varicella | -0.0056 | -0.5539% | -0.0221 | -3.2329 | 1.2280E-03 | 1.0116 |
| Attendance disability mobility allowance | -0.0185 | -1.8379% | -0.0219 | -3.1711 | 1.5214E-03 | 1.0347 |
| Water percentage buffer 300m | 0.0007 | 0.0672% | 0.0214 | 3.1339 | 1.7283E-03 | 1.0103 |
| Exposure to tobacco smoke outside home | -0.0059 | -0.5925% | -0.0207 | -2.9462 | 3.2214E-03 | 1.0714 |
| Glucosamine supplements | 0.0050 | 0.4966% | 0.0163 | 2.3624 | 1.8167E-02 | 1.0336 |
| Hypertension | -0.0039 | -0.3864% | -0.0176 | -2.3424 | 1.9170E-02 | 1.2248 |
| MET minutes per week for vigorous activity | -0.000002 | -0.0002% | -0.0156 | -2.2308 | 2.5706E-02 | 1.0634 |
| Time spent outdoors in winter | -0.0014 | -0.1353% | -0.0191 | -2.1373 | 3.2589E-02 | 1.7314 |
| Time spend outdoors in summer | -0.0009 | -0.0902% | -0.0191 | -2.1090 | 3.4957E-02 | 1.7710 |
| Reaction to severe stress and adjustment disorders | -0.0066 | -0.6623% | -0.0127 | -1.8589 | 6.3057E-02 | 1.0161 |
| Vitamin B supplements | -0.0059 | -0.5918% | -0.0123 | -1.7941 | 7.2821E-02 | 1.0224 |
| Tense highly strung | -0.0038 | -0.3745% | -0.0115 | -1.6682 | 9.5291E-02 | 1.0226 |
| Other disorders of uriry system | -0.0034 | -0.3419% | -0.0093 | -1.3456 | 1.7847E-01 | 1.0279 |
| Leisure social activities adult education class | 0.0030 | 0.2999% | 0.0076 | 1.1027 | 2.7019E-01 | 1.0345 |
| Exposure to tobacco smoke at home | -0.0041 | -0.4099% | -0.0068 | -0.9775 | 3.2835E-01 | 1.0578 |
| Particulate matter air pollution pm2.5 | 0.0003 | 0.0324% | 0.0033 | 0.4396 | 6.6026E-01 | 1.2206 |
| Average total household income before tax 52000 to 100000 | 0.0007 | 0.0699% | 0.0030 | 0.3808 | 7.0339E-01 | 1.3078 |
| Average total household income before tax 100000 | 0.0010 | 0.1029% | 0.0027 | 0.3673 | 7.1338E-01 | 1.2080 |
| Average total household income before tax 18000 to 30999 | 0.0004 | 0.0433% | 0.0019 | 0.2455 | 8.0605E-01 | 1.2376 |

**Table 2. Significant modifiable factors (right hippocampus volume).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Basal metabolic rate | 0.00002 | 0.0019% | 0.2342 | 14.8400 | 1.6870E-49 | 5.2766 |
| Diastolic blood pressure | -0.0004 | -0.0421% | -0.0402 | -5.4752 | 4.4351E-08 | 1.1426 |
| Time spent watching television (TV) | -0.0024 | -0.2382% | -0.0346 | -4.6500 | 3.3459E-06 | 1.1742 |
| Qualifications | -0.0071 | -0.7048% | -0.0322 | -4.4598 | 8.2562E-06 | 1.1080 |
| Hand grip strength | 0.0005 | 0.0454% | 0.0452 | 4.1598 | 3.2017E-05 | 2.5020 |
| Diabetes | -0.0132 | -1.3148% | -0.0294 | -4.0413 | 5.3400E-05 | 1.1183 |
| BMI | -0.0009 | -0.0910% | -0.0364 | -3.6910 | 2.2408E-04 | 2.0633 |
| Attendance disability mobility allowance | -0.0199 | -1.9705% | -0.0232 | -3.3113 | 9.3066E-04 | 1.0358 |
| Exposure to tobacco smoke outside home | -0.0057 | -0.5697% | -0.0196 | -2.7559 | 5.8601E-03 | 1.0733 |
| Varicella | -0.0048 | -0.4824% | -0.0189 | -2.7420 | 6.1135E-03 | 1.0108 |
| Leisure social activities adult education class | 0.0071 | 0.7089% | 0.0177 | 2.5314 | 1.1369E-02 | 1.0355 |
| Hypertension | -0.0043 | -0.4313% | -0.0194 | -2.4903 | 1.2773E-02 | 1.2806 |
| Townsend deprivation index at recruitment | -0.0007 | -0.0742% | -0.0185 | -2.4392 | 1.4732E-02 | 1.2189 |
| Water percentage buffer 300m | 0.0005 | 0.0506% | 0.0159 | 2.3022 | 2.1336E-02 | 1.0100 |
| Time spend outdoors in summer | -0.0010 | -0.1007% | -0.0210 | -2.2948 | 2.1758E-02 | 1.7698 |
| Improper sleep duration | -0.0016 | -0.1563% | -0.0152 | -2.1875 | 2.8721E-02 | 1.0229 |
| Exposure to tobacco smoke at home | -0.0078 | -0.7802% | -0.0128 | -1.8153 | 6.9494E-02 | 1.0577 |
| Time spent outdoors in winter | -0.0011 | -0.1095% | -0.0152 | -1.6931 | 9.0460E-02 | 1.7130 |
| Other disorders of uriry system | -0.0044 | -0.4403% | -0.0118 | -1.6889 | 9.1263E-02 | 1.0267 |
| Tense highly strung | -0.0038 | -0.3755% | -0.0113 | -1.6125 | 1.0688E-01 | 1.0434 |
| Depression | -0.0026 | -0.2552% | -0.0080 | -1.1282 | 2.5925E-01 | 1.0587 |
| Disorders of lipoprotein metabolism and other lipidaemias | 0.0007 | 0.0719% | 0.0030 | 0.3942 | 6.9341E-01 | 1.2034 |
| Average total household income before tax 18000 to 30999 | 0.0004 | 0.0443% | 0.0019 | 0.2449 | 8.0654E-01 | 1.2375 |
| Particulate matter air pollution pm2.5 | -0.0001 | -0.0141% | -0.0014 | -0.1865 | 8.5205E-01 | 1.2209 |
| Average total household income before tax 52000 to 100000 | 0.0002 | 0.0217% | 0.0009 | 0.1152 | 9.0832E-01 | 1.3096 |
| Average total household income before tax 100000 | 0.0002 | 0.0233% | 0.0006 | 0.0809 | 9.3554E-01 | 1.2129 |

**Table 3. Significant modifiable factors (left amygdala volume).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Basal metabolic rate | 0.00002 | 0.0019% | 0.1727 | 11.2530 | 2.8619E-29 | 5.2847 |
| Diastolic blood pressure | -0.0006 | -0.0644% | -0.0446 | -6.2144 | 5.2768E-10 | 1.1566 |
| Diabetes | -0.0201 | -1.9857% | -0.0322 | -4.5912 | 4.4397E-06 | 1.1061 |
| Varicella | -0.0084 | -0.8374% | -0.0239 | -3.5555 | 3.7829E-04 | 1.0103 |
| Qualifications | -0.0065 | -0.6457% | -0.0214 | -3.0652 | 2.1786E-03 | 1.0938 |
| Attendance disability mobility allowance | -0.0243 | -2.4008% | -0.0205 | -3.0198 | 2.5330E-03 | 1.0323 |
| Townsend deprivation index at recruitment | -0.0011 | -0.1128% | -0.0204 | -3.0134 | 2.5874E-03 | 1.0260 |
| Time spent watching television (TV) | -0.0021 | -0.2052% | -0.0216 | -2.9788 | 2.8984E-03 | 1.1800 |
| Nap during day sometimes | 0.0050 | 0.4986% | 0.0167 | 2.4565 | 1.4041E-02 | 1.0311 |
| Hand grip strength | 0.0003 | 0.0349% | 0.0252 | 2.3766 | 1.7484E-02 | 2.5168 |
| Able to confide | -0.0052 | -0.5217% | -0.0156 | -2.3172 | 2.0508E-02 | 1.0149 |
| Exposure to tobacco smoke outside home | -0.0053 | -0.5255% | -0.0131 | -1.9421 | 5.2137E-02 | 1.0216 |
| BMI | -0.0007 | -0.0709% | -0.0206 | -1.8599 | 6.2918E-02 | 2.7388 |
| Hypertension | -0.0042 | -0.4178% | -0.0136 | -1.8429 | 6.5367E-02 | 1.2198 |
| Other disorders of uriry system | -0.0058 | -0.5818% | -0.0113 | -1.6667 | 9.5589E-02 | 1.0248 |
| MET minutes per week for vigorous activity | 0.000002 | -0.0002% | -0.0114 | -1.6514 | 9.8685E-02 | 1.0622 |
| Time spent outdoors in winter | -0.0013 | -0.1270% | -0.0128 | -1.4576 | 1.4498E-01 | 1.7303 |
| Leisure social activities adult education class | 0.0051 | 0.5156% | 0.0093 | 1.3749 | 1.6919E-01 | 1.0343 |
| Time spend outdoors in summer | -0.0008 | -0.0781% | -0.0118 | -1.3316 | 1.8300E-01 | 1.7565 |
| Trunk fat percentage | 0.0002 | 0.0231% | 0.0121 | 1.2387 | 2.1547E-01 | 2.1393 |
| Average total household income before tax 52000 to 100000 | 0.0026 | 0.2644% | 0.0080 | 1.1525 | 2.4912E-01 | 1.0745 |

**Table 4. Significant modifiable factors (right amygdala volume).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Basal metabolic rate | 0.00002 | 0.0021% | 0.2134 | 13.8556 | 2.0634E-43 | 5.3052 |
| Diastolic blood pressure | -0.0004 | -0.0435% | -0.0334 | -4.6944 | 2.6951E-06 | 1.1318 |
| Qualifications | -0.0084 | -0.8408% | -0.0309 | -4.4171 | 1.0066E-05 | 1.0958 |
| Attendance disability mobility allowance | -0.0283 | -2.7915% | -0.0264 | -3.8897 | 1.0077E-04 | 1.0343 |
| Time spent watching television (TV) | -0.0022 | -0.2187% | -0.0255 | -3.5152 | 4.4066E-04 | 1.1790 |
| Diabetes | -0.0134 | -1.3272% | -0.0238 | -3.4148 | 6.3985E-04 | 1.0867 |
| Arm fat percentage | -0.0012 | -0.1213% | -0.0873 | -3.3275 | 8.7810E-04 | 15.4075 |
| Leisure social activities adult education class | 0.0110 | 1.1043% | 0.0221 | 3.2485 | 1.1624E-03 | 1.0346 |
| Trunk fat percentage | 0.0024 | 0.2369% | 0.1371 | 2.9657 | 3.0245E-03 | 47.8259 |
| Varicella | -0.0063 | -0.6298% | -0.0199 | -2.9561 | 3.1202E-03 | 1.0104 |
| Exposure to tobacco smoke outside home | -0.0060 | -0.5964% | -0.0165 | -2.4407 | 1.4668E-02 | 1.0213 |
| Water percentage buffer 300m | 0.0006 | 0.0635% | 0.0160 | 2.3923 | 1.6754E-02 | 1.0015 |
| Other disorders of uriry system | -0.0065 | -0.6476% | -0.0139 | -2.0559 | 3.9808E-02 | 1.0226 |
| Time spent outdoors in winter | -0.0015 | -0.1470% | -0.0164 | -1.8658 | 6.2081E-02 | 1.7313 |
| Townsend deprivation index at recruitment | -0.0006 | -0.0607% | -0.0121 | -1.7942 | 7.2795E-02 | 1.0236 |
| Time spend outdoors in summer | -0.0008 | -0.0821% | -0.0137 | -1.5469 | 1.2190E-01 | 1.7597 |
| MET minutes per week for vigorous activity | 0.000001 | -0.0001% | -0.0105 | -1.5200 | 1.2854E-01 | 1.0625 |
| Body fat percentage | -0.0014 | -0.1445% | -0.0903 | -1.3265 | 1.8470E-01 | 103.6197 |
| Tense highly strung | -0.0037 | -0.3645% | -0.0088 | -1.2211 | 2.2205E-01 | 1.1669 |
| Suffer from nerves | -0.0020 | -0.2033% | -0.0054 | -0.7416 | 4.5837E-01 | 1.1743 |
| BMI | -0.0003 | -0.0267% | -0.0086 | -0.6590 | 5.0993E-01 | 3.7937 |
| Hand grip strength | 0.00002 | 0.0021% | 0.0017 | 0.1584 | 8.7418E-01 | 2.5308 |

**Table 5. Significant modifiable factors (left Inf\_Lat\_Vent volume).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Diabetes | 0.1230 | 13.0907% | 0.0483 | 6.9279 | 4.4294E-12 | 1.1194 |
| Time spent watching television (TV) | -0.0161 | -1.5966% | -0.0413 | -5.8015 | 6.6917E-09 | 1.1696 |
| Hand grip strength | -0.0030 | -0.2968% | -0.0523 | -5.0392 | 4.7244E-07 | 2.4881 |
| Hypertension | 0.0470 | 4.8118% | 0.0372 | 4.9843 | 6.2828E-07 | 1.2870 |
| Varicella | 0.0458 | 4.6916% | 0.0317 | 4.7981 | 1.6157E-06 | 1.0103 |
| Atrial fibrillation and flutter | 0.0705 | 7.3024% | 0.0263 | 3.9123 | 9.1779E-05 | 1.0460 |
| Water intake | 0.0072 | 0.7187% | 0.0242 | 3.5070 | 4.5438E-04 | 1.0975 |
| Improper sleep duration | 0.0125 | 1.2592% | 0.0215 | 3.2110 | 1.3251E-03 | 1.0349 |
| Diastolic blood pressure | 0.0013 | 0.1329% | 0.0224 | 3.1889 | 1.4306E-03 | 1.1423 |
| Basal metabolic rate | 0.00002 | 0.0019% | 0.0425 | 2.8064 | 5.0155E-03 | 5.2992 |
| Qualifications | -0.0240 | -2.3693% | -0.0193 | -2.8058 | 5.0257E-03 | 1.0956 |
| Nap during day usually | 0.0477 | 4.8823% | 0.0188 | 2.7786 | 5.4650E-03 | 1.0511 |
| Mood swings | 0.0229 | 2.3165% | 0.0182 | 2.5539 | 1.0661E-02 | 1.1770 |
| Mouth teeth dental problems dentures | 0.0315 | 3.2041% | 0.0167 | 2.4485 | 1.4354E-02 | 1.0766 |
| Particulate matter air pollution pm2.5 | 0.0097 | 0.9789% | 0.0173 | 2.3925 | 1.6745E-02 | 1.2054 |
| Tea intake | -0.0034 | -0.3352% | -0.0148 | -2.2132 | 2.6898E-02 | 1.0303 |
| BMI | -0.0029 | -0.2919% | -0.0207 | -2.1841 | 2.8972E-02 | 2.0697 |
| Stroke | 0.0676 | 6.9895% | 0.0138 | 2.0805 | 3.7495E-02 | 1.0173 |
| Average total household income before tax 100000 | 0.0307 | 3.1206% | 0.0143 | 2.0722 | 3.8266E-02 | 1.0938 |
| Average total household income before tax 18000 to 30999 | -0.0182 | -1.8052% | -0.0136 | -1.9796 | 4.7760E-02 | 1.0909 |
| Time spent using computer | 0.0056 | 0.5573% | 0.0129 | 1.9155 | 5.5449E-02 | 1.0434 |
| Able to confide | 0.0175 | 1.7688% | 0.0127 | 1.9069 | 5.6553E-02 | 1.0313 |
| Mouth teeth dental problems toothache | 0.0412 | 4.2076% | 0.0124 | 1.8756 | 6.0723E-02 | 1.0089 |
| Tense highly strung | 0.0226 | 2.2889% | 0.0120 | 1.7331 | 8.3095E-02 | 1.1129 |
| Leisure social activities adult education class | 0.0236 | 2.3867% | 0.0104 | 1.5593 | 1.1895E-01 | 1.0361 |
| Disorders of lipoprotein metabolism and other lipidaemias | -0.0098 | -0.9724% | -0.0071 | -0.9876 | 3.2335E-01 | 1.2067 |
| Depression | 0.0087 | 0.8784% | 0.0048 | 0.7019 | 4.8278E-01 | 1.0909 |
| Townsend deprivation index at recruitment | 0.0003 | 0.0288% | 0.0013 | 0.1749 | 8.6115E-01 | 1.2142 |

**Table 6. Significant modifiable factors (right Inf\_Lat\_Vent volume).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Diabetes | 0.1226 | 13.0414% | 0.0503 | 7.1020 | 1.2797E-12 | 1.0627 |
| Time spent watching television (TV) | -0.0181 | -1.7933% | -0.0486 | -6.6638 | 2.7524E-11 | 1.1261 |
| Hand grip strength | -0.0027 | -0.2737% | -0.0505 | -4.8800 | 1.0709E-06 | 2.2675 |
| Varicella | 0.0424 | 4.3307% | 0.0307 | 4.4488 | 8.6917E-06 | 1.0096 |
| Average total household income before tax 100000 | 0.0580 | 5.9759% | 0.0282 | 3.9253 | 8.6985E-05 | 1.0927 |
| Hypertension | 0.0338 | 3.4399% | 0.0280 | 3.8192 | 1.3435E-04 | 1.1406 |
| Atrial fibrillation and flutter | 0.0632 | 6.5283% | 0.0247 | 3.5226 | 4.2847E-04 | 1.0437 |
| Tea intake | -0.0050 | -0.4978% | -0.0230 | -3.2997 | 9.6991E-04 | 1.0288 |
| Qualifications | -0.0270 | -2.6636% | -0.0228 | -3.1885 | 1.4329E-03 | 1.0805 |
| Mouth teeth dental problems dentures | 0.0376 | 3.8291% | 0.0208 | 2.9321 | 3.3718E-03 | 1.0709 |
| Improper sleep duration | 0.0113 | 1.1351% | 0.0203 | 2.9076 | 3.6471E-03 | 1.0319 |
| Average total household income before tax 18000 to 30999 | -0.0223 | -2.2012% | -0.0174 | -2.4255 | 1.5300E-02 | 1.0901 |
| Water intake | 0.0046 | 0.4624% | 0.0163 | 2.2733 | 2.3021E-02 | 1.0892 |
| Tense highly strung | 0.0282 | 2.8639% | 0.0157 | 2.1738 | 2.9734E-02 | 1.1065 |
| Nap during day usually | 0.0322 | 3.2767% | 0.0133 | 1.8599 | 6.2918E-02 | 1.0784 |
| Time spent using computer | 0.0053 | 0.5347% | 0.0129 | 1.8551 | 6.3596E-02 | 1.0291 |
| Daytime dozing sleeping narcolepsy often | 0.0488 | 4.9994% | 0.0128 | 1.8367 | 6.6278E-02 | 1.0359 |
| Particulate matter air pollution pm2.5 | 0.0066 | 0.6628% | 0.0123 | 1.7718 | 7.6445E-02 | 1.0158 |
| Mood swings | 0.0134 | 1.3529% | 0.0112 | 1.5110 | 1.3082E-01 | 1.1635 |
| Depression | 0.0180 | 1.8149% | 0.0104 | 1.4498 | 1.4712E-01 | 1.0864 |
| Stroke | 0.0399 | 4.0752% | 0.0085 | 1.2344 | 2.1708E-01 | 1.0149 |

**Table 7. Significant modifiable factors (left entorhinal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Varicella | -0.0071 | -0.7109% | -0.0283 | -3.6826 | 2.3164E-04 | 1.0114 |
| Lifetime number of sexual partners | -0.0001 | -0.0073% | -0.0266 | -3.4612 | 5.3914E-04 | 1.0122 |
| Trunk fat percentage | -0.0020 | -0.2023% | -0.1483 | -2.7987 | 5.1372E-03 | 47.9113 |
| Hand grip strength | 0.0003 | 0.0337% | 0.0341 | 2.7958 | 5.1836E-03 | 2.5364 |
| Tea intake | 0.0009 | 0.0860% | 0.0217 | 2.7938 | 5.2146E-03 | 1.0312 |
| Water intake | -0.0010 | -0.1014% | -0.0197 | -2.4405 | 1.4678E-02 | 1.1080 |
| Vitamin B supplements | 0.0084 | 0.8388% | 0.0173 | 2.2355 | 2.5396E-02 | 1.0254 |
| Worrier anxious feelings | 0.0035 | 0.3519% | 0.0170 | 2.0547 | 3.9927E-02 | 1.1732 |
| Body fat percentage | 0.0020 | 0.2010% | 0.1584 | 2.0292 | 4.2451E-02 | 104.0138 |
| Improper sleep duration | -0.0015 | -0.1538% | -0.0152 | -1.9580 | 5.0250E-02 | 1.0252 |
| Mood swings | -0.0035 | -0.3505% | -0.0160 | -1.9476 | 5.1482E-02 | 1.1585 |
| Mouth teeth dental problems dentures | -0.0059 | -0.5926% | -0.0181 | -1.9370 | 5.2768E-02 | 1.4882 |
| Diabetes | -0.0062 | -0.6183% | -0.0140 | -1.7216 | 8.5154E-02 | 1.1221 |
| Time spend outdoors in summer | -0.0006 | -0.0632% | -0.0134 | -1.6659 | 9.5746E-02 | 1.0967 |
| Leisure social activities adult education class | 0.0049 | 0.4929% | 0.0125 | 1.6041 | 1.0872E-01 | 1.0361 |
| Glucosamine supplements | 0.0038 | 0.3764% | 0.0124 | 1.5898 | 1.1189E-01 | 1.0324 |
| Qualifications | -0.0025 | -0.2455% | -0.0114 | -1.4186 | 1.5602E-01 | 1.0971 |
| Hypertension | -0.0025 | -0.2450% | -0.0111 | -1.2870 | 1.9813E-01 | 1.2812 |
| Time spent using computer | -0.0006 | -0.0648% | -0.0086 | -1.1008 | 2.7098E-01 | 1.0471 |
| BMI | -0.0004 | -0.0395% | -0.0160 | -1.0629 | 2.8783E-01 | 3.8811 |
| Diastolic blood pressure | -0.0001 | -0.0080% | -0.0078 | -0.9402 | 3.4712E-01 | 1.1746 |
| Attendance disability mobility allowance | -0.0061 | -0.6098% | -0.0072 | -0.9268 | 3.5402E-01 | 1.0357 |
| Basal metabolic rate | 0.0000 | -0.0001% | -0.0158 | -0.8954 | 3.7056E-01 | 5.3363 |
| Obesity | -0.0027 | -0.2672% | -0.0068 | -0.8219 | 4.1116E-01 | 1.1584 |
| Arm fat percentage | -0.0003 | -0.0269% | -0.0245 | -0.8140 | 4.1563E-01 | 15.4567 |
| Mouth teeth dental problems none of the above | 0.0010 | 0.1030% | 0.0046 | 0.5079 | 6.1156E-01 | 1.4159 |
| Disorders of lipoprotein metabolism and other lipidaemias | -0.0010 | -0.0972% | -0.0041 | -0.4850 | 6.2770E-01 | 1.2070 |
| Time spent watching television (TV) | 0.0001 | 0.0135% | 0.0020 | 0.2381 | 8.1182E-01 | 1.1887 |

**Table 8. Significant modifiable factors (right entorhinal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Varicella | -0.0076 | -0.7592% | -0.0289 | -3.7535 | 1.7499E-04 | 1.0082 |
| Water intake | -0.0015 | -0.1522% | -0.0282 | -3.5241 | 4.2612E-04 | 1.0873 |
| Spondylosis | 0.0132 | 1.3262% | 0.0257 | 3.3122 | 9.2781E-04 | 1.0191 |
| Qualifications | -0.0047 | -0.4659% | -0.0206 | -2.6380 | 8.3470E-03 | 1.0393 |
| Mouth teeth dental problems painful gums | -0.0134 | -1.3299% | -0.0179 | -2.2535 | 2.4239E-02 | 1.0769 |
| Tea intake | 0.0007 | 0.0694% | 0.0167 | 2.1512 | 3.1473E-02 | 1.0290 |
| Diabetes | -0.0076 | -0.7579% | -0.0164 | -2.0555 | 3.9844E-02 | 1.0749 |
| Mouth teeth dental problems dentures | -0.0058 | -0.5813% | -0.0169 | -1.7945 | 7.2756E-02 | 1.5142 |
| Obesity | -0.0059 | -0.5889% | -0.0143 | -1.7353 | 8.2705E-02 | 1.1491 |
| Time spent using computer | -0.0010 | -0.1024% | -0.0130 | -1.6648 | 9.5978E-02 | 1.0387 |
| Trunk fat percentage | -0.0007 | -0.0728% | -0.0509 | -0.9676 | 3.3325E-01 | 47.0884 |
| Mouth teeth dental problems none of the above | 0.0017 | 0.1738% | 0.0075 | 0.7920 | 4.2835E-01 | 1.5041 |
| Body fat percentage | 0.0005 | 0.0513% | 0.0387 | 0.5009 | 6.1643E-01 | 101.2492 |
| BMI | 0.0001 | 0.0146% | 0.0056 | 0.4301 | 6.6712E-01 | 2.9244 |
| Arm fat percentage | -0.0001 | -0.0137% | -0.0119 | -0.3983 | 6.9044E-01 | 15.1803 |

**Table 9. Significant modifiable factors (left middletemporal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Hand grip strength | 0.0003 | 0.0313% | 0.0607 | 5.0212 | 5.1877E-07 | 2.5373 |
| Hypertension | -0.0031 | -0.3058% | -0.0267 | -3.1115 | 1.8647E-03 | 1.2782 |
| Diabetes | -0.0056 | -0.5597% | -0.0242 | -3.0157 | 2.5674E-03 | 1.1206 |
| Water intake | -0.0006 | -0.0602% | -0.0224 | -2.8384 | 4.5396E-03 | 1.0795 |
| Improper sleep duration | -0.0011 | -0.1147% | -0.0217 | -2.8299 | 4.6623E-03 | 1.0212 |
| Trunk fat percentage | -0.0010 | -0.1025% | -0.1440 | -2.7412 | 6.1285E-03 | 47.8964 |
| Lung function | -0.0012 | -0.1172% | -0.0204 | -2.6877 | 7.2013E-03 | 1.0009 |
| Greenspace percentage buffer 1000m | 0.00005 | 0.0047% | 0.0196 | 2.5581 | 1.0534E-02 | 1.0212 |
| Qualifications | -0.0022 | -0.2174% | -0.0193 | -2.4392 | 1.4730E-02 | 1.0885 |
| Diastolic blood pressure | -0.0001 | -0.0096% | -0.0178 | -2.1641 | 3.0471E-02 | 1.1744 |
| Body fat percentage | 0.0010 | 0.0990% | 0.1498 | 1.9355 | 5.2941E-02 | 103.9961 |
| Attendance disability mobility allowance | -0.0056 | -0.5623% | -0.0128 | -1.6421 | 1.0060E-01 | 1.0492 |
| Current employment status | -0.0051 | -0.5130% | -0.0127 | -1.6365 | 1.0175E-01 | 1.0399 |
| Arm fat percentage | -0.0002 | -0.0237% | -0.0414 | -1.3877 | 1.6523E-01 | 15.4400 |
| Average total household income before tax 100000 | 0.0021 | 0.2075% | 0.0106 | 1.3437 | 1.7907E-01 | 1.0782 |
| BMI | 0.0002 | 0.0236% | 0.0184 | 1.2314 | 2.1819E-01 | 3.8767 |
| Time spend outdoors in summer | -0.0003 | -0.0300% | -0.0121 | -1.2016 | 2.2954E-01 | 1.7702 |
| Nap during day sometimes | -0.0009 | -0.0871% | -0.0078 | -1.0153 | 3.0997E-01 | 1.0335 |
| Time spent outdoors in winter | -0.0004 | -0.0366% | -0.0099 | -0.9969 | 3.1880E-01 | 1.7160 |
| Depression | -0.0012 | -0.1199% | -0.0073 | -0.9443 | 3.4500E-01 | 1.0334 |
| Time spent watching television (TV) | -0.0003 | -0.0265% | -0.0075 | -0.9002 | 3.6805E-01 | 1.1965 |
| Obesity | -0.0013 | -0.1290% | -0.0063 | -0.7665 | 4.4338E-01 | 1.1600 |
| Disorders of lipoprotein metabolism and other lipidaemias | -0.0008 | -0.0760% | -0.0061 | -0.7337 | 4.6317E-01 | 1.2056 |
| Basal metabolic rate | 0.0000002 | 0.00002% | -0.0041 | -0.2342 | 8.1487E-01 | 5.3333 |

**Table 10. Significant modifiable factors (right middletemporal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Qualifications | -0.0038 | -0.3841% | -0.0354 | -4.4875 | 7.2554E-06 | 1.0914 |
| Hand grip strength | 0.0002 | 0.0227% | 0.0456 | 3.9854 | 6.7651E-05 | 2.2941 |
| Atrial fibrillation and flutter | -0.0053 | -0.5298% | -0.0227 | -2.9361 | 3.3284E-03 | 1.0435 |
| Trunk fat percentage | -0.0009 | -0.0941% | -0.1373 | -2.7512 | 5.9437E-03 | 43.5529 |
| Time spend outdoors in summer | -0.0005 | -0.0514% | -0.0216 | -2.7375 | 6.1982E-03 | 1.0895 |
| Lung function | -0.0011 | -0.1089% | -0.0197 | -2.6021 | 9.2725E-03 | 1.0011 |
| Diabetes | -0.0045 | -0.4520% | -0.0203 | -2.5623 | 1.0408E-02 | 1.0974 |
| Hypertension | -0.0024 | -0.2348% | -0.0213 | -2.4951 | 1.2602E-02 | 1.2710 |
| Water intake | -0.0004 | -0.0389% | -0.0150 | -1.9188 | 5.5030E-02 | 1.0695 |
| Body fat percentage | 0.0009 | 0.0891% | 0.1399 | 1.8888 | 5.8934E-02 | 95.9256 |
| Mood swings | -0.0015 | -0.1525% | -0.0139 | -1.8020 | 7.1563E-02 | 1.0389 |
| Attendance disability mobility allowance | -0.0058 | -0.5804% | -0.0137 | -1.7792 | 7.5232E-02 | 1.0338 |
| Obesity | -0.0028 | -0.2749% | -0.0139 | -1.7301 | 8.3633E-02 | 1.1234 |
| Diastolic blood pressure | -0.0001 | -0.0073% | -0.0141 | -1.7222 | 8.5053E-02 | 1.1662 |
| Mouth teeth dental problems dentures | -0.0021 | -0.2125% | -0.0129 | -1.3988 | 1.6190E-01 | 1.4850 |
| Average total household income before tax 31000 to 51999 | 0.0012 | 0.1201% | 0.0107 | 1.2829 | 1.9954E-01 | 1.2193 |
| Disorders of lipoprotein metabolism and other lipidaemias | -0.0010 | -0.1001% | -0.0084 | -1.0069 | 3.1398E-01 | 1.2051 |
| Average total household income before tax 18000 to 30999 | -0.0009 | -0.0862% | -0.0074 | -0.8538 | 3.9323E-01 | 1.3014 |
| Arm fat percentage | 0.0001 | 0.0104% | 0.0189 | 0.6754 | 4.9944E-01 | 13.7108 |
| Mouth teeth dental problems none of the above | 0.0004 | 0.0401% | 0.0036 | 0.3991 | 6.8979E-01 | 1.4129 |
| Time spent watching television (TV) | 0.00005 | 0.0046% | 0.0014 | 0.1646 | 8.6928E-01 | 1.1885 |

**Table 11. Significant modifiable factors (left inferiortemporal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Trunk fat percentage | -0.0015 | -0.1513% | -0.2353 | -4.4380 | 9.1405E-06 | 47.7913 |
| Hand grip strength | 0.0002 | 0.0246% | 0.0528 | 4.3367 | 1.4548E-05 | 2.5164 |
| Body fat percentage | 0.0017 | 0.1738% | 0.2906 | 3.7206 | 1.9939E-04 | 103.7428 |
| Qualifications | -0.0030 | -0.2956% | -0.0291 | -3.6324 | 2.8165E-04 | 1.0882 |
| Water intake | -0.0006 | -0.0592% | -0.0244 | -3.0227 | 2.5088E-03 | 1.1045 |
| Diabetes | -0.0051 | -0.5059% | -0.0242 | -2.9864 | 2.8274E-03 | 1.1181 |
| Basal metabolic rate | 0.000002 | -0.0002% | -0.0430 | -2.4318 | 1.5035E-02 | 5.3261 |
| Time spent outdoors in winter | -0.0006 | -0.0621% | -0.0186 | -2.3454 | 1.9020E-02 | 1.0656 |
| Current employment status | -0.0053 | -0.5334% | -0.0146 | -1.8775 | 6.0462E-02 | 1.0240 |
| Arm fat percentage | -0.0003 | -0.0277% | -0.0535 | -1.7767 | 7.5629E-02 | 15.4064 |
| Natural environment percentage buffer 1000m | 0.0001 | 0.0096% | 0.0515 | 1.7174 | 8.5916E-02 | 15.2734 |
| Tea intake | 0.0002 | 0.0245% | 0.0131 | 1.6895 | 9.1139E-02 | 1.0286 |
| Hypertension | -0.0011 | -0.1080% | -0.0104 | -1.2027 | 2.2910E-01 | 1.2769 |
| Average total household income before tax 100000 | 0.0017 | 0.1666% | 0.0094 | 1.1846 | 2.3619E-01 | 1.0727 |
| Diastolic blood pressure | -0.00004 | -0.0048% | -0.0098 | -1.1826 | 2.3697E-01 | 1.1736 |
| Greenspace percentage buffer 1000m | -0.0001 | -0.0067% | -0.0305 | -1.0170 | 3.0915E-01 | 15.2709 |
| Time spent watching television (TV) | 0.0001 | 0.0132% | 0.0041 | 0.4951 | 6.2053E-01 | 1.1875 |
| Obesity | -0.0006 | -0.0626% | -0.0034 | -0.4079 | 6.8336E-01 | 1.1566 |
| BMI | 0.00002 | -0.0022% | -0.0019 | -0.1273 | 8.9870E-01 | 3.8705 |
| Disorders of lipoprotein metabolism and other lipidaemias | 0.0001 | 0.0084% | 0.0007 | 0.0885 | 9.2947E-01 | 1.2048 |

**Table 12. Significant modifiable factors (right inferiortemporal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Qualifications | -0.0030 | -0.3041% | -0.0303 | -3.8862 | 1.0223E-04 | 1.0433 |
| Trunk fat percentage | -0.0011 | -0.1100% | -0.1734 | -3.2855 | 1.0200E-03 | 47.7777 |
| Hypertension | -0.0025 | -0.2531% | -0.0248 | -2.8616 | 4.2204E-03 | 1.2856 |
| Diabetes | -0.0047 | -0.4656% | -0.0226 | -2.7987 | 5.1366E-03 | 1.1180 |
| Body fat percentage | 0.0011 | 0.1148% | 0.1948 | 2.5131 | 1.1975E-02 | 103.0059 |
| Water intake | -0.0004 | -0.0386% | -0.0161 | -2.0359 | 4.1779E-02 | 1.0736 |
| Natural environment percentage buffer 1000m | 0.00003 | 0.0030% | 0.0165 | 1.9822 | 4.7474E-02 | 1.1869 |
| Diastolic blood pressure | -0.0001 | -0.0077% | -0.0161 | -1.9498 | 5.1212E-02 | 1.1706 |
| MET minutes per week for vigorous activity | 0.000001 | 0.0001% | 0.0149 | 1.9202 | 5.4852E-02 | 1.0374 |
| Mouth teeth dental problems dentures | -0.0022 | -0.2197% | -0.0144 | -1.8191 | 6.8917E-02 | 1.0740 |
| BMI | 0.0003 | 0.0310% | 0.0271 | 1.8003 | 7.1830E-02 | 3.8727 |
| Current employment status | -0.0048 | -0.4830% | -0.0134 | -1.7179 | 8.5825E-02 | 1.0396 |
| Atrial fibrillation and flutter | -0.0028 | -0.2798% | -0.0129 | -1.6527 | 9.8414E-02 | 1.0490 |
| Stroke | -0.0050 | -0.4979% | -0.0126 | -1.6357 | 1.0192E-01 | 1.0173 |
| Attendance disability mobility allowance | -0.0047 | -0.4670% | -0.0119 | -1.5229 | 1.2780E-01 | 1.0445 |
| Basal metabolic rate | 0.000001 | -0.0001% | -0.0225 | -1.3332 | 1.8247E-01 | 4.8925 |
| Obesity | -0.0019 | -0.1872% | -0.0102 | -1.2400 | 2.1501E-01 | 1.1605 |
| Arm fat percentage | -0.0002 | -0.0170% | -0.0332 | -1.1152 | 2.6478E-01 | 15.2308 |
| Depression | -0.0013 | -0.1297% | -0.0088 | -1.1141 | 2.6525E-01 | 1.0803 |
| Mood swings | -0.0008 | -0.0796% | -0.0078 | -0.9850 | 3.2464E-01 | 1.0836 |
| Townsend deprivation index at recruitment | -0.0001 | -0.0077% | -0.0042 | -0.5022 | 6.1554E-01 | 1.1961 |
| Disorders of lipoprotein metabolism and other lipidaemias | 0.00003 | 0.0030% | 0.0003 | 0.0324 | 9.7416E-01 | 1.2081 |

**Table 13. Significant modifiable factors (left fusiform thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Hand grip strength | 0.0003 | 0.0297% | 0.0627 | 5.2124 | 1.8863E-07 | 2.5305 |
| Trunk fat percentage | -0.0012 | -0.1219% | -0.1868 | -3.5755 | 3.5062E-04 | 47.7229 |
| Water intake | -0.0006 | -0.0639% | -0.0259 | -3.3093 | 9.3726E-04 | 1.0713 |
| Body fat percentage | 0.0015 | 0.1516% | 0.2499 | 3.2493 | 1.1592E-03 | 103.4360 |
| Diabetes | -0.0054 | -0.5377% | -0.0254 | -3.1847 | 1.4518E-03 | 1.1101 |
| Lung function | -0.0011 | -0.1126% | -0.0214 | -2.8242 | 4.7456E-03 | 1.0013 |
| Natural environment percentage buffer 1000m | 0.0001 | 0.0146% | 0.0774 | 2.5255 | 1.1564E-02 | 16.4307 |
| Qualifications | -0.0018 | -0.1789% | -0.0173 | -2.2108 | 2.7061E-02 | 1.0734 |
| Basal metabolic rate | 0.000001 | -0.0001% | -0.0349 | -1.9988 | 4.5644E-02 | 5.3404 |
| Hypertension | -0.0017 | -0.1730% | -0.0165 | -1.9624 | 4.9735E-02 | 1.2305 |
| Greenspace percentage buffer 1000m | -0.0001 | -0.0128% | -0.0579 | -1.9605 | 4.9952E-02 | 15.2758 |
| Atrial fibrillation and flutter | -0.0034 | -0.3358% | -0.0151 | -1.9481 | 5.1415E-02 | 1.0487 |
| Able to confide | -0.0016 | -0.1588% | -0.0139 | -1.8164 | 6.9330E-02 | 1.0184 |
| Current employment status | -0.0052 | -0.5193% | -0.0140 | -1.8139 | 6.9705E-02 | 1.0390 |
| Stroke | -0.0055 | -0.5452% | -0.0134 | -1.7605 | 7.8344E-02 | 1.0150 |
| Sleeplessness insomnia usually | -0.0013 | -0.1298% | -0.0122 | -1.6019 | 1.0921E-01 | 1.0198 |
| Mouth teeth dental problems dentures | -0.0019 | -0.1908% | -0.0122 | -1.5501 | 1.2114E-01 | 1.0748 |
| Arm fat percentage | -0.0002 | -0.0237% | -0.0451 | -1.5243 | 1.2746E-01 | 15.3162 |
| Diastolic blood pressure | 0.00005 | -0.0049% | -0.0099 | -1.2126 | 2.2531E-01 | 1.1719 |
| Time spent watching television (TV) | -0.0002 | -0.0185% | -0.0057 | -0.6943 | 4.8752E-01 | 1.1804 |
| Attendance disability mobility allowance | -0.0019 | -0.1886% | -0.0047 | -0.6014 | 5.4759E-01 | 1.0494 |
| Obesity | 0.0008 | 0.0774% | 0.0041 | 0.5023 | 6.1546E-01 | 1.1605 |
| BMI | 0.00004 | -0.0041% | -0.0035 | -0.2364 | 8.1309E-01 | 3.8731 |
| Particulate matter air pollution pm2.5 | 0.00003 | -0.0030% | -0.0006 | -0.0606 | 9.5170E-01 | 1.9480 |

**Table 14. Significant modifiable factors (right fusiform thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Qualifications | -0.0033 | -0.3296% | -0.0295 | -3.7801 | 1.5732E-04 | 1.0732 |
| Diabetes | -0.0065 | -0.6464% | -0.0282 | -3.5446 | 3.9433E-04 | 1.1144 |
| Hypertension | -0.0029 | -0.2897% | -0.0255 | -3.0370 | 2.3931E-03 | 1.2390 |
| Atrial fibrillation and flutter | -0.0055 | -0.5498% | -0.0228 | -2.9615 | 3.0656E-03 | 1.0473 |
| Water intake | -0.0006 | -0.0589% | -0.0220 | -2.8175 | 4.8458E-03 | 1.0794 |
| Hand grip strength | 0.0001 | 0.0149% | 0.0291 | 2.4277 | 1.5205E-02 | 2.5273 |
| Natural environment percentage buffer 1000m | 0.00003 | 0.0030% | 0.0147 | 1.9411 | 5.2263E-02 | 1.0121 |
| Mouth teeth dental problems dentures | -0.0030 | -0.2963% | -0.0174 | -1.8992 | 5.7549E-02 | 1.4851 |
| Trunk fat percentage | -0.0006 | -0.0640% | -0.0904 | -1.7424 | 8.1465E-02 | 47.5320 |
| Able to confide | -0.0015 | -0.1496% | -0.0121 | -1.5800 | 1.1413E-01 | 1.0276 |
| MET minutes per week for vigorous activity | 0.0000 | 0.0001% | 0.0121 | 1.5764 | 1.1495E-01 | 1.0379 |
| Stroke | -0.0050 | -0.4986% | -0.0113 | -1.4909 | 1.3601E-01 | 1.0168 |
| Mood swings | -0.0011 | -0.1096% | -0.0097 | -1.2241 | 2.2092E-01 | 1.1009 |
| Body fat percentage | 0.0006 | 0.0595% | 0.0906 | 1.1866 | 2.3541E-01 | 102.8398 |
| Basal metabolic rate | 0.000001 | -0.0001% | -0.0177 | -1.0209 | 3.0731E-01 | 5.2956 |
| Depression | -0.0012 | -0.1169% | -0.0071 | -0.9143 | 3.6056E-01 | 1.0785 |
| Attendance disability mobility allowance | -0.0027 | -0.2738% | -0.0062 | -0.8153 | 4.1493E-01 | 1.0354 |
| BMI | 0.0001 | 0.0125% | 0.0098 | 0.6664 | 5.0518E-01 | 3.8205 |
| Disorders of lipoprotein metabolism and other lipidaemias | 0.0003 | 0.0262% | 0.0021 | 0.2560 | 7.9798E-01 | 1.2070 |
| Mouth teeth dental problems none of the above | 0.0001 | 0.0146% | 0.0013 | 0.1413 | 8.8763E-01 | 1.4129 |
| Time spent watching television (TV) | 0.00002 | -0.0015% | -0.0004 | -0.0532 | 9.5754E-01 | 1.1781 |
| Arm fat percentage | 0.000003 | -0.0003% | -0.0006 | -0.0205 | 9.8362E-01 | 15.3255 |

**Table 15. Significant modifiable factors (left superiortemporal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Hand grip strength | 0.0004 | 0.0389% | 0.0692 | 5.8827 | 4.1133E-09 | 2.5417 |
| Diastolic blood pressure | -0.0002 | -0.0201% | -0.0343 | -4.2895 | 1.8007E-05 | 1.1743 |
| Qualifications | -0.0038 | -0.3809% | -0.0311 | -4.0142 | 5.9903E-05 | 1.1003 |
| Hypertension | -0.0038 | -0.3745% | -0.0300 | -3.5870 | 3.3551E-04 | 1.2855 |
| Improper sleep duration | -0.0013 | -0.1253% | -0.0218 | -2.9081 | 3.6417E-03 | 1.0276 |
| Time spent watching television (TV) | -0.0008 | -0.0848% | -0.0220 | -2.7177 | 6.5806E-03 | 1.2031 |
| Diabetes | -0.0053 | -0.5334% | -0.0212 | -2.7086 | 6.7644E-03 | 1.1232 |
| Lung function | -0.0012 | -0.1191% | -0.0190 | -2.5766 | 9.9869E-03 | 1.0015 |
| Worrier anxious feelings | 0.0021 | 0.2126% | 0.0181 | 2.3889 | 1.6911E-02 | 1.0571 |
| Time spend outdoors in summer | -0.0006 | -0.0584% | -0.0217 | -2.2077 | 2.7277E-02 | 1.7749 |
| Attendance disability mobility allowance | -0.0077 | -0.7673% | -0.0160 | -2.1314 | 3.3072E-02 | 1.0350 |
| Mouth teeth dental problems dentures | -0.0029 | -0.2934% | -0.0157 | -2.0543 | 3.9967E-02 | 1.0774 |
| Nap during day sometimes | -0.0018 | -0.1778% | -0.0147 | -1.9565 | 5.0425E-02 | 1.0348 |
| Water intake | -0.0004 | -0.0435% | -0.0148 | -1.9343 | 5.3097E-02 | 1.0814 |
| Able to confide | -0.0018 | -0.1822% | -0.0134 | -1.7969 | 7.2370E-02 | 1.0199 |
| Atrial fibrillation and flutter | -0.0035 | -0.3444% | -0.0130 | -1.7245 | 8.4642E-02 | 1.0470 |
| Trunk fat percentage | -0.0007 | -0.0662% | -0.0854 | -1.6709 | 9.4765E-02 | 47.9287 |
| Other cataract | -0.0024 | -0.2379% | -0.0125 | -1.6263 | 1.0391E-01 | 1.0770 |
| Natural environment percentage buffer 1000m | 0.00004 | 0.0037% | 0.0164 | 1.5928 | 1.1122E-01 | 1.9522 |
| Basal metabolic rate | 0.000001 | 0.0001% | 0.0268 | 1.5685 | 1.1678E-01 | 5.3462 |
| Body fat percentage | 0.0006 | 0.0552% | 0.0767 | 1.0179 | 3.0874E-01 | 104.1278 |
| Arm fat percentage | -0.0002 | -0.0158% | -0.0253 | -0.8730 | 3.8269E-01 | 15.4692 |
| Disorders of lipoprotein metabolism and other lipidaemias | 0.0009 | 0.0871% | 0.0064 | 0.7913 | 4.2878E-01 | 1.2099 |
| BMI | -0.0001 | -0.0150% | -0.0107 | -0.7347 | 4.6256E-01 | 3.8834 |
| Average total household income before tax 100000 | 0.0010 | 0.0988% | 0.0046 | 0.5994 | 5.4889E-01 | 1.0945 |
| Particulate matter air pollution pm2.5 | -0.0001 | -0.0104% | -0.0019 | -0.1802 | 8.5697E-01 | 1.9567 |
| Average total household income before tax 18000 to 30999 | -0.0001 | -0.0085% | -0.0006 | -0.0835 | 9.3343E-01 | 1.0924 |
| Time spent outdoors in winter | 0.00002 | 0.0023% | 0.0006 | 0.0579 | 9.5381E-01 | 1.7185 |
| Obesity | -0.0001 | -0.0061% | -0.0003 | -0.0340 | 9.7288E-01 | 1.1602 |

**Table 16. Significant modifiable factors (right superiortemporal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Hand grip strength | 0.0003 | 0.0344% | 0.0627 | 5.6378 | 1.7510E-08 | 2.3292 |
| Qualifications | -0.0049 | -0.4903% | -0.0411 | -5.3750 | 7.7647E-08 | 1.0997 |
| Hypertension | -0.0050 | -0.4958% | -0.0408 | -4.9407 | 7.8604E-07 | 1.2846 |
| Diabetes | -0.0082 | -0.8213% | -0.0335 | -4.3435 | 1.4108E-05 | 1.1220 |
| Diastolic blood pressure | -0.0002 | -0.0176% | -0.0308 | -3.9051 | 9.4545E-05 | 1.1680 |
| Time spend outdoors in summer | -0.0009 | -0.0872% | -0.0333 | -3.4384 | 5.8652E-04 | 1.7632 |
| Attendance disability mobility allowance | -0.0096 | -0.9601% | -0.0206 | -2.7714 | 5.5881E-03 | 1.0373 |
| Atrial fibrillation and flutter | -0.0048 | -0.4836% | -0.0188 | -2.5206 | 1.1725E-02 | 1.0452 |
| Lung function | -0.0011 | -0.1092% | -0.0179 | -2.4565 | 1.4041E-02 | 1.0013 |
| Improper sleep duration | -0.0010 | -0.0988% | -0.0176 | -2.3897 | 1.6873E-02 | 1.0212 |
| Mouth teeth dental problems dentures | -0.0036 | -0.3583% | -0.0197 | -2.2204 | 2.6403E-02 | 1.4864 |
| Varicella | -0.0022 | -0.2243% | -0.0161 | -2.1996 | 2.7849E-02 | 1.0107 |
| Water intake | -0.0004 | -0.0413% | -0.0145 | -1.9106 | 5.6070E-02 | 1.0807 |
| Time spent watching television (TV) | -0.0006 | -0.0567% | -0.0151 | -1.8906 | 5.8690E-02 | 1.1978 |
| BMI | 0.0003 | 0.0300% | 0.0220 | 1.7645 | 7.7670E-02 | 2.9204 |
| Average total household income before tax 31000 to 51999 | 0.0016 | 0.1622% | 0.0131 | 1.5671 | 1.1710E-01 | 1.3218 |
| Townsend deprivation index at recruitment | -0.0002 | -0.0211% | -0.0096 | -1.3011 | 1.9325E-01 | 1.0294 |
| Stroke | -0.0045 | -0.4497% | -0.0096 | -1.2995 | 1.9379E-01 | 1.0174 |
| Trunk fat percentage | -0.0004 | -0.0394% | -0.0521 | -1.0350 | 3.0067E-01 | 47.6607 |
| Average total household income before tax 100000 | 0.0013 | 0.1276% | 0.0061 | 0.7739 | 4.3899E-01 | 1.1841 |
| Depression | -0.0008 | -0.0845% | -0.0048 | -0.6530 | 5.1376E-01 | 1.0323 |
| Arm fat percentage | -0.0001 | -0.0111% | -0.0183 | -0.6387 | 5.2304E-01 | 15.4211 |
| Mouth teeth dental problems none of the above | 0.0005 | 0.0503% | 0.0041 | 0.4721 | 6.3687E-01 | 1.4102 |
| Time spent outdoors in winter | 0.0001 | 0.0087% | 0.0022 | 0.2320 | 8.1651E-01 | 1.7177 |
| Body fat percentage | 0.0001 | 0.0117% | 0.0167 | 0.2257 | 8.2143E-01 | 103.4253 |
| Average total household income before tax 18000 to 30999 | -0.0002 | -0.0177% | -0.0014 | -0.1607 | 8.7232E-01 | 1.3721 |
| Disorders of lipoprotein metabolism and other lipidaemias | 0.00003 | -0.0027% | -0.0002 | -0.0255 | 9.7969E-01 | 1.2083 |

**Table 17. Significant modifiable factors (left inferiorparietal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Hand grip strength | 0.0003 | 0.0294% | 0.0592 | 5.3469 | 9.0667E-08 | 2.2570 |
| Atrial fibrillation and flutter | -0.0082 | -0.8152% | -0.0350 | -4.6599 | 3.1884E-06 | 1.0393 |
| Body fat percentage | 0.0002 | 0.0250% | 0.0393 | 3.8527 | 1.1728E-04 | 1.9160 |
| Natural environment percentage buffer 1000m | 0.0002 | 0.0170% | 0.0860 | 2.8815 | 3.9633E-03 | 16.3912 |
| Time spend outdoors in summer | -0.0005 | -0.0482% | -0.0203 | -2.6496 | 8.0673E-03 | 1.0789 |
| Diabetes | -0.0043 | -0.4306% | -0.0194 | -2.5431 | 1.0997E-02 | 1.0685 |
| Hypertension | -0.0020 | -0.1973% | -0.0179 | -2.2558 | 2.4095E-02 | 1.1593 |
| Current employment status | -0.0065 | -0.6491% | -0.0167 | -2.2401 | 2.5100E-02 | 1.0210 |
| Other cataract | -0.0028 | -0.2820% | -0.0167 | -2.1915 | 2.8427E-02 | 1.0736 |
| Water intake | -0.0004 | -0.0427% | -0.0165 | -2.1744 | 2.9692E-02 | 1.0615 |
| Greenspace percentage buffer 1000m | -0.0001 | -0.0137% | -0.0591 | -2.0546 | 3.9936E-02 | 15.2301 |
| Qualifications | -0.0016 | -0.1552% | -0.0143 | -1.9043 | 5.6892E-02 | 1.0435 |
| Average total household income before tax 31000 to 51999 | 0.0015 | 0.1485% | 0.0133 | 1.7962 | 7.2485E-02 | 1.0059 |
| Particulate matter air pollution pm2.5 | 0.00002 | 0.0027% | 0.0005 | 0.0527 | 9.5799E-01 | 1.9442 |

**Table 18. Significant modifiable factors (right inferiorparietal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Atrial fibrillation and flutter | -0.0079 | -0.7827% | -0.0324 | -4.3337 | 1.4747E-05 | 1.0468 |
| Water intake | -0.0007 | -0.0743% | -0.0277 | -3.6589 | 2.5409E-04 | 1.0725 |
| Qualifications | -0.0029 | -0.2924% | -0.0261 | -3.4763 | 5.0970E-04 | 1.0518 |
| Hypertension | -0.0030 | -0.2949% | -0.0258 | -3.2457 | 1.1738E-03 | 1.1840 |
| Hand grip strength | 0.0002 | 0.0192% | 0.0373 | 3.2099 | 1.3303E-03 | 2.5173 |
| Diabetes | -0.0050 | -0.5019% | -0.0218 | -2.8410 | 4.5029E-03 | 1.1001 |
| Time spend outdoors in summer | -0.0005 | -0.0513% | -0.0209 | -2.1510 | 3.1494E-02 | 1.7585 |
| Body fat percentage | 0.0010 | 0.1019% | 0.1548 | 2.0912 | 3.6521E-02 | 102.2989 |
| Improper sleep duration | -0.0008 | -0.0807% | -0.0153 | -2.0753 | 3.7971E-02 | 1.0194 |
| Average total household income before tax 31000 to 51999 | 0.0017 | 0.1734% | 0.0150 | 2.0368 | 4.1686E-02 | 1.0071 |
| Trunk fat percentage | -0.0007 | -0.0706% | -0.0996 | -1.9761 | 4.8157E-02 | 47.4294 |
| Particulate matter air pollution pm2.5 | -0.0009 | -0.0940% | -0.0184 | -1.8077 | 7.0669E-02 | 1.9443 |
| Attendance disability mobility allowance | -0.0059 | -0.5887% | -0.0134 | -1.7933 | 7.2946E-02 | 1.0458 |
| Current employment status | -0.0047 | -0.4657% | -0.0115 | -1.5488 | 1.2144E-01 | 1.0370 |
| Stroke | -0.0043 | -0.4298% | -0.0097 | -1.3197 | 1.8695E-01 | 1.0154 |
| BMI | 0.0001 | 0.0138% | 0.0108 | 0.7534 | 4.5121E-01 | 3.8063 |
| Time spent outdoors in winter | -0.0002 | -0.0207% | -0.0056 | -0.5857 | 5.5808E-01 | 1.7153 |
| Natural environment percentage buffer 1000m | 0.000008 | 0.0008% | 0.0038 | 0.3737 | 7.0861E-01 | 1.9475 |
| Arm fat percentage | 0.00004 | 0.0037% | 0.0065 | 0.2273 | 8.2020E-01 | 15.3601 |
| Basal metabolic rate | <0.000001 | <0.0001% | 0.0026 | 0.1529 | 8.7849E-01 | 5.2805 |

**Table 19. Significant modifiable factors (left precuneus thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Hand grip strength | 0.0003 | 0.0271% | 0.0482 | 4.3111 | 1.6336E-05 | 2.2742 |
| Atrial fibrillation and flutter | -0.0073 | -0.7282% | -0.0276 | -3.6542 | 2.5875E-04 | 1.0350 |
| Natural environment percentage buffer 1000m | 0.0002 | 0.0228% | 0.1015 | 3.2747 | 1.0598E-03 | 17.4868 |
| Attendance disability mobility allowance | -0.0107 | -1.0645% | -0.0222 | -2.9410 | 3.2759E-03 | 1.0379 |
| Other cataract | -0.0034 | -0.3442% | -0.0180 | -2.3459 | 1.8992E-02 | 1.0732 |
| Greenspace percentage buffer 1000m | -0.0002 | -0.0179% | -0.0679 | -2.3453 | 1.9022E-02 | 15.2451 |
| Average total household income before tax 100000 | 0.0034 | 0.3443% | 0.0161 | 1.9157 | 5.5421E-02 | 1.2851 |
| Qualifications | -0.0017 | -0.1718% | -0.0140 | -1.8203 | 6.8736E-02 | 1.0741 |
| Nervous feelings | -0.0020 | -0.2004% | -0.0125 | -1.6644 | 9.6057E-02 | 1.0231 |
| Average total household income before tax 31000 to 51999 | 0.0018 | 0.1763% | 0.0139 | 1.6151 | 1.0631E-01 | 1.3464 |
| Current employment status | -0.0053 | -0.5330% | -0.0121 | -1.5974 | 1.1019E-01 | 1.0385 |
| Average total household income before tax 52000 to 100000 | -0.0018 | -0.1820% | -0.0136 | -1.5099 | 1.3110E-01 | 1.4651 |
| Diabetes | -0.0027 | -0.2739% | -0.0109 | -1.4437 | 1.4883E-01 | 1.0286 |
| Time spend outdoors in summer | -0.0003 | -0.0341% | -0.0127 | -1.2851 | 1.9879E-01 | 1.7636 |
| Natural environment percentage buffer 300m | 0.00003 | -0.0026% | -0.0120 | -0.9464 | 3.4394E-01 | 2.9335 |
| Time spent outdoors in winter | -0.0003 | -0.0344% | -0.0085 | -0.8810 | 3.7831E-01 | 1.7047 |
| Particulate matter air pollution pm2.5 | 0.00004 | -0.0035% | -0.0006 | -0.0593 | 9.5275E-01 | 2.0896 |

**Table 20. Significant modifiable factors (right precuneus thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Atrial fibrillation and flutter | -0.0084 | -0.8340% | -0.0325 | -4.2851 | 1.8370E-05 | 1.0404 |
| Qualifications | -0.0024 | -0.2390% | -0.0200 | -2.6400 | 8.2986E-03 | 1.0412 |
| Diabetes | -0.0050 | -0.4947% | -0.0202 | -2.6385 | 8.3345E-03 | 1.0598 |
| Hand grip strength | 0.0002 | 0.0158% | 0.0289 | 2.5844 | 9.7648E-03 | 2.2640 |
| Water intake | -0.0005 | -0.0535% | -0.0188 | -2.4457 | 1.4468E-02 | 1.0665 |
| Other cataract | -0.0030 | -0.3032% | -0.0163 | -2.1183 | 3.4166E-02 | 1.0746 |
| Average total household income before tax 31000 to 51999 | 0.0019 | 0.1870% | 0.0152 | 2.0303 | 4.2339E-02 | 1.0079 |
| Miserableness | 0.0020 | 0.1982% | 0.0163 | 1.8415 | 6.5567E-02 | 1.4136 |
| Natural environment percentage buffer 1000m | 0.0001 | 0.0053% | 0.0244 | 1.8392 | 6.5901E-02 | 3.1852 |
| Time spend outdoors in summer | -0.0004 | -0.0428% | -0.0164 | -1.6620 | 9.6522E-02 | 1.7516 |
| Mouth teeth dental problems dentures | -0.0021 | -0.2060% | -0.0114 | -1.4752 | 1.4017E-01 | 1.0711 |
| Attendance disability mobility allowance | -0.0049 | -0.4895% | -0.0105 | -1.3911 | 1.6423E-01 | 1.0268 |
| Fed up feelings | 0.0015 | 0.1479% | 0.0117 | 1.3299 | 1.8357E-01 | 1.4083 |
| Natural environment percentage buffer 300m | 0.00004 | -0.0035% | -0.0165 | -1.2981 | 1.9427E-01 | 2.9309 |
| Particulate matter air pollution pm2.5 | -0.0007 | -0.0672% | -0.0124 | -1.1580 | 2.4689E-01 | 2.0727 |
| Hypertension | -0.0009 | -0.0927% | -0.0076 | -0.9651 | 3.3452E-01 | 1.1289 |
| Time spent outdoors in winter | -0.0002 | -0.0214% | -0.0055 | -0.5616 | 5.7438E-01 | 1.7110 |

**Table 21. Significant modifiable factors (left caudalmiddlefrontal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Atrial fibrillation and flutter | -0.0080 | -0.7960% | -0.0303 | -3.9895 | 6.6499E-05 | 1.0462 |
| Diabetes | -0.0077 | -0.7634% | -0.0305 | -3.9636 | 7.4150E-05 | 1.0733 |
| Hand grip strength | 0.0003 | 0.0251% | 0.0448 | 3.8885 | 1.0126E-04 | 2.4081 |
| Natural environment percentage buffer 1000m | 0.0002 | 0.0213% | 0.0953 | 3.0675 | 2.1619E-03 | 17.5108 |
| Miserableness | 0.0024 | 0.2369% | 0.0190 | 2.5046 | 1.2267E-02 | 1.0440 |
| Sleep disorders | 0.0063 | 0.6297% | 0.0184 | 2.4588 | 1.3950E-02 | 1.0179 |
| Basal metabolic rate | 0.000001 | 0.0001% | 0.0300 | 2.3114 | 2.0821E-02 | 3.0452 |
| Greenspace percentage buffer 1000m | -0.0002 | -0.0186% | -0.0712 | -2.2990 | 2.1515E-02 | 17.3817 |
| Varicella | 0.0024 | 0.2408% | 0.0169 | 2.2635 | 2.3620E-02 | 1.0106 |
| Qualifications | -0.0020 | -0.1993% | -0.0163 | -2.1527 | 3.1360E-02 | 1.0425 |
| Average total household income before tax 31000 to 51999 | 0.0019 | 0.1937% | 0.0153 | 2.0590 | 3.9506E-02 | 1.0070 |
| Water intake | -0.0005 | -0.0458% | -0.0157 | -2.0413 | 4.1233E-02 | 1.0702 |
| Stroke | -0.0067 | -0.6652% | -0.0138 | -1.8499 | 6.4339E-02 | 1.0155 |
| Improper sleep duration | -0.0008 | -0.0774% | -0.0135 | -1.8005 | 7.1803E-02 | 1.0194 |
| Current employment status | -0.0060 | -0.5950% | -0.0136 | -1.7912 | 7.3284E-02 | 1.0377 |
| Time spend outdoors in summer | -0.0004 | -0.0444% | -0.0166 | -1.6829 | 9.2415E-02 | 1.7557 |
| Mouth teeth dental problems dentures | -0.0020 | -0.2005% | -0.0108 | -1.4043 | 1.6026E-01 | 1.0720 |
| Time spent outdoors in winter | -0.0004 | -0.0415% | -0.0103 | -1.0645 | 2.8712E-01 | 1.7123 |
| Hypertension | -0.0008 | -0.0801% | -0.0064 | -0.8068 | 4.1980E-01 | 1.1565 |
| Water percentage buffer 300m | 0.0001 | 0.0114% | 0.0064 | 0.8064 | 4.2001E-01 | 1.1531 |
| Attendance disability mobility allowance | -0.0028 | -0.2811% | -0.0059 | -0.7727 | 4.3973E-01 | 1.0479 |

**Table 22. Significant modifiable factors (right caudalmiddlefrontal thickness).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Atrial fibrillation and flutter | -0.0087 | -0.8704% | -0.0332 | -4.3587 | 1.3166E-05 | 1.0428 |
| Attendance disability mobility allowance | -0.0108 | -1.0726% | -0.0226 | -2.9845 | 2.8447E-03 | 1.0254 |
| Qualifications | -0.0027 | -0.2745% | -0.0225 | -2.9600 | 3.0803E-03 | 1.0403 |
| Water percentage buffer 300m | 0.0004 | 0.0383% | 0.0216 | 2.8962 | 3.7827E-03 | 1.0011 |
| Diabetes | -0.0049 | -0.4884% | -0.0195 | -2.5431 | 1.0995E-02 | 1.0582 |
| Time spend outdoors in summer | -0.0006 | -0.0647% | -0.0242 | -2.4652 | 1.3702E-02 | 1.7341 |
| Hypertension | -0.0023 | -0.2285% | -0.0184 | -2.3181 | 2.0455E-02 | 1.1338 |
| Stroke | -0.0077 | -0.7699% | -0.0161 | -2.1369 | 3.2621E-02 | 1.0150 |
| Hand grip strength | 0.0001 | 0.0102% | 0.0182 | 1.6187 | 1.0553E-01 | 2.2643 |
| Leisure social activities adult education class | 0.0027 | 0.2665% | 0.0120 | 1.5817 | 1.1373E-01 | 1.0310 |
| Nervous feelings | -0.0018 | -0.1807% | -0.0113 | -1.3787 | 1.6800E-01 | 1.2152 |
| Depression | -0.0019 | -0.1873% | -0.0105 | -1.3733 | 1.6966E-01 | 1.0532 |
| Time spent outdoors in winter | -0.0004 | -0.0385% | -0.0096 | -0.9885 | 3.2291E-01 | 1.6999 |
| Tense highly strung | -0.0012 | -0.1209% | -0.0065 | -0.7956 | 4.2625E-01 | 1.2136 |

**Table 23. Significant modifiable factors (left inferiortemporal area).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Basal metabolic rate | 0.00002 | 0.0022% | 0.2192 | 13.8098 | 3.8716E-43 | 5.3304 |
| Trunk fat percentage | 0.0052 | 0.5181% | 0.3025 | 6.3573 | 2.1073E-10 | 47.9108 |
| Body fat percentage | -0.0068 | -0.6745% | -0.4269 | -6.0910 | 1.1471E-09 | 103.9691 |
| Time spent watching television (TV) | -0.0030 | -0.2994% | -0.0353 | -4.6656 | 3.1008E-06 | 1.2119 |
| Diastolic blood pressure | -0.0004 | -0.0424% | -0.0329 | -4.4081 | 1.0492E-05 | 1.1760 |
| Qualifications | -0.0077 | -0.7696% | -0.0286 | -3.9248 | 8.7171E-05 | 1.1218 |
| BMI | -0.0016 | -0.1588% | -0.0516 | -3.8104 | 1.3923E-04 | 3.8798 |
| Exposure to tobacco smoke outside home | -0.0083 | -0.8259% | -0.0231 | -3.3140 | 9.2180E-04 | 1.0279 |
| Average total household income before tax 100000 | 0.0105 | 1.0513% | 0.0223 | 2.9426 | 3.2589E-03 | 1.2125 |
| Water intake | 0.0012 | 0.1176% | 0.0182 | 2.5389 | 1.1130E-02 | 1.0888 |
| Other disorders of uriry system | -0.0066 | -0.6592% | -0.0143 | -2.0510 | 4.0281E-02 | 1.0280 |
| Hypertension | -0.0043 | -0.4242% | -0.0154 | -1.9850 | 4.7156E-02 | 1.2816 |
| Average total household income before tax 52000 to 100000 | 0.0046 | 0.4579% | 0.0154 | 1.9637 | 4.9585E-02 | 1.3100 |
| Varicella | -0.0041 | -0.4106% | -0.0131 | -1.8905 | 5.8714E-02 | 1.0117 |
| Diabetes | -0.0076 | -0.7531% | -0.0136 | -1.8681 | 6.1762E-02 | 1.1221 |
| Leisure social activities adult education class | 0.0062 | 0.6249% | 0.0127 | 1.8097 | 7.0360E-02 | 1.0357 |
| Attendance disability mobility allowance | -0.0131 | -1.2966% | -0.0123 | -1.7583 | 7.8710E-02 | 1.0381 |
| Time spent outdoors in winter | -0.0014 | -0.1370% | -0.0154 | -1.7133 | 8.6676E-02 | 1.7204 |
| Hand grip strength | 0.0002 | 0.0208% | 0.0168 | 1.5350 | 1.2480E-01 | 2.5430 |
| Mouth teeth dental problems dentures | -0.0048 | -0.4789% | -0.0117 | -1.3789 | 1.6794E-01 | 1.5180 |
| Obesity | -0.0048 | -0.4764% | -0.0097 | -1.3039 | 1.9227E-01 | 1.1613 |
| Townsend deprivation index at recruitment | -0.0004 | -0.0436% | -0.0088 | -1.2574 | 2.0864E-01 | 1.0372 |
| Mouth teeth dental problems painful gums | -0.0078 | -0.7756% | -0.0087 | -1.2238 | 2.2103E-01 | 1.0785 |
| Disorders of lipoprotein metabolism and other lipidaemias | -0.0026 | -0.2559% | -0.0086 | -1.1382 | 2.5507E-01 | 1.2060 |
| Mouth teeth dental problems none of the above | 0.0026 | 0.2612% | 0.0094 | 1.1073 | 2.6816E-01 | 1.5159 |
| Arm fat percentage | 0.0003 | 0.0332% | 0.0242 | 0.8941 | 3.7131E-01 | 15.4540 |
| Leisure social activities sports club or gym | 0.0014 | 0.1378% | 0.0052 | 0.7423 | 4.5789E-01 | 1.0486 |
| Average total household income before tax 18000 to 30999 | -0.0016 | -0.1628% | -0.0056 | -0.7303 | 4.6520E-01 | 1.2384 |
| Time spend outdoors in summer | -0.0002 | -0.0208% | -0.0035 | -0.3845 | 7.0059E-01 | 1.7644 |
| Fed up feelings | 0.0001 | 0.0074% | 0.0003 | 0.0366 | 9.7084E-01 | 1.0598 |

**Table 23. Significant modifiable factors (right inferiortemporal area).**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factors** | **B** | **Relative Variation EXP(B)-1** | **STD B** | **T Static** | **P Value** | **VIF** |
| Basal metabolic rate | 0.00002 | 0.0021% | 0.2171 | 13.8727 | 1.6290E-43 | 5.3279 |
| Trunk fat percentage | 0.0051 | 0.5149% | 0.3029 | 6.4578 | 1.0923E-10 | 47.8803 |
| Time spent watching television (TV) | -0.0035 | -0.3488% | -0.0414 | -5.5631 | 2.6914E-08 | 1.2074 |
| Body fat percentage | -0.0060 | -0.6015% | -0.3834 | -5.5488 | 2.9203E-08 | 103.9055 |
| Diastolic blood pressure | -0.0004 | -0.0358% | -0.0280 | -3.8094 | 1.3979E-04 | 1.1750 |
| Leisure social activities adult education class | 0.0121 | 1.2155% | 0.0247 | 3.5851 | 3.3798E-04 | 1.0358 |
| Other anxiety disorders | 0.0106 | 1.0618% | 0.0219 | 3.2021 | 1.3670E-03 | 1.0216 |
| Exposure to tobacco smoke outside home | -0.0077 | -0.7641% | -0.0215 | -3.1399 | 1.6929E-03 | 1.0221 |
| Diabetes | -0.0119 | -1.1870% | -0.0216 | -3.0151 | 2.5729E-03 | 1.1217 |
| Other disorders of uriry system | -0.0095 | -0.9452% | -0.0207 | -3.0076 | 2.6371E-03 | 1.0287 |
| Water intake | 0.0014 | 0.1360% | 0.0212 | 3.0027 | 2.6800E-03 | 1.0861 |
| BMI | -0.0011 | -0.1139% | -0.0373 | -2.7895 | 5.2856E-03 | 3.8825 |
| Qualifications | -0.0052 | -0.5208% | -0.0195 | -2.7125 | 6.6844E-03 | 1.1198 |
| Average total household income before tax 100000 | 0.0092 | 0.9196% | 0.0196 | 2.6338 | 8.4519E-03 | 1.2104 |
| Average total household income before tax 52000 to 100000 | 0.0057 | 0.5703% | 0.0194 | 2.5009 | 1.2399E-02 | 1.3060 |
| Time spent outdoors in winter | -0.0015 | -0.1542% | -0.0175 | -1.9726 | 4.8562E-02 | 1.7167 |
| Attendance disability mobility allowance | -0.0125 | -1.2381% | -0.0118 | -1.7165 | 8.6095E-02 | 1.0361 |
| Obesity | -0.0050 | -0.5032% | -0.0103 | -1.4065 | 1.5960E-01 | 1.1624 |
| Hypertension | -0.0022 | -0.2240% | -0.0082 | -1.0698 | 2.8473E-01 | 1.2813 |
| Time spend outdoors in summer | -0.0005 | -0.0496% | -0.0084 | -0.9385 | 3.4802E-01 | 1.7547 |
| Leisure social activities sports club or gym | 0.0017 | 0.1683% | 0.0064 | 0.9281 | 3.5338E-01 | 1.0448 |
| Hand grip strength | 0.0001 | 0.0114% | 0.0093 | 0.8565 | 3.9174E-01 | 2.5405 |
| Arm fat percentage | -0.0003 | -0.0264% | -0.0193 | -0.7265 | 4.6753E-01 | 15.4385 |
| Average total household income before tax 18000 to 30999 | -0.0011 | -0.1074% | -0.0037 | -0.4920 | 6.2271E-01 | 1.2376 |
| Mouth teeth dental problems dentures | -0.0014 | -0.1378% | -0.0034 | -0.4090 | 6.8251E-01 | 1.4861 |
| Disorders of lipoprotein metabolism and other lipidaemias | 0.0004 | 0.0386% | 0.0013 | 0.1752 | 8.6092E-01 | 1.2065 |
| Mouth teeth dental problems none of the above | 0.0002 | 0.0243% | 0.0009 | 0.1092 | 9.1306E-01 | 1.4090 |