Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01509

Time: 11:53:18 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4196 0.026 -92.263 0.000 -2.471 -2.368

MIN -0.4136 0.012 -33.465 0.000 -0.438 -0.389

Age\_BMI 0.1845 0.005 33.869 0.000 0.174 0.195

Birth\_year -0.0838 0.006 -14.256 0.000 -0.095 -0.072

dapar\_3gr 0.0648 0.006 10.989 0.000 0.053 0.076

Educ\_GE11YN 0.0341 0.006 5.639 0.000 0.022 0.046

Eshkol\_3gr 0.1171 0.006 19.962 0.000 0.106 0.129

Israeli 0.4286 0.020 20.953 0.000 0.389 0.469

has\_allele 0.0902 0.024 3.707 0.000 0.043 0.138

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:53:19 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4143 0.026 -92.148 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.446 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.803 0.000 0.173 0.195

Birth\_year -0.0847 0.006 -14.411 0.000 -0.096 -0.073

dapar\_3gr 0.0661 0.006 11.217 0.000 0.055 0.078

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1178 0.006 20.085 0.000 0.106 0.129

Israeli 0.4293 0.020 20.988 0.000 0.389 0.469

has\_allele -0.0509 0.040 -1.285 0.199 -0.129 0.027

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:53:21 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4139 0.026 -92.112 0.000 -2.465 -2.363

MIN -0.4134 0.012 -33.448 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.797 0.000 0.173 0.195

Birth\_year -0.0847 0.006 -14.406 0.000 -0.096 -0.073

dapar\_3gr 0.0661 0.006 11.221 0.000 0.055 0.078

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1178 0.006 20.093 0.000 0.106 0.129

Israeli 0.4289 0.020 20.969 0.000 0.389 0.469

has\_allele -0.0594 0.043 -1.381 0.167 -0.144 0.025

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:53:23 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.157 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.807 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.372 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.189 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.070 0.000 0.106 0.129

Israeli 0.4291 0.020 20.975 0.000 0.389 0.469

has\_allele -0.0101 0.043 -0.239 0.811 -0.093 0.073

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:53:25 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4159 0.026 -92.194 0.000 -2.467 -2.365

MIN -0.4135 0.012 -33.455 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.822 0.000 0.174 0.195

Birth\_year -0.0842 0.006 -14.321 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.140 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.041 0.000 0.106 0.129

Israeli 0.4291 0.020 20.977 0.000 0.389 0.469

has\_allele 0.0469 0.041 1.134 0.257 -0.034 0.128

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:53:27 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4155 0.026 -92.211 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.815 0.000 0.173 0.195

Birth\_year -0.0843 0.006 -14.350 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.192 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.062 0.000 0.106 0.129

Israeli 0.4283 0.020 20.934 0.000 0.388 0.468

has\_allele 0.0598 0.043 1.394 0.163 -0.024 0.144

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01507

Time: 11:53:28 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4168 0.026 -92.235 0.000 -2.468 -2.365

MIN -0.4135 0.012 -33.456 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.825 0.000 0.174 0.195

Birth\_year -0.0840 0.006 -14.288 0.000 -0.096 -0.072

dapar\_3gr 0.0659 0.006 11.183 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.059 0.000 0.106 0.129

Israeli 0.4288 0.020 20.964 0.000 0.389 0.469

has\_allele 0.1153 0.043 2.701 0.007 0.032 0.199

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:53:30 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.195 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.370 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.179 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.065 0.000 0.106 0.129

Israeli 0.4291 0.020 20.972 0.000 0.389 0.469

has\_allele -0.0084 0.045 -0.185 0.854 -0.097 0.081

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:53:32 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4139 0.026 -92.123 0.000 -2.465 -2.363

MIN -0.4134 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.790 0.000 0.173 0.195

Birth\_year -0.0847 0.006 -14.405 0.000 -0.096 -0.073

dapar\_3gr 0.0662 0.006 11.226 0.000 0.055 0.078

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1179 0.006 20.102 0.000 0.106 0.129

Israeli 0.4290 0.020 20.973 0.000 0.389 0.469

has\_allele -0.0701 0.047 -1.489 0.136 -0.162 0.022

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:53:34 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4144 0.026 -92.170 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0847 0.006 -14.408 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.151 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1174 0.006 20.031 0.000 0.106 0.129

Israeli 0.4302 0.020 21.023 0.000 0.390 0.470

has\_allele -0.1160 0.051 -2.291 0.022 -0.215 -0.017

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01507

Time: 11:53:35 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4145 0.026 -92.176 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.443 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.823 0.000 0.174 0.195

Birth\_year -0.0846 0.006 -14.407 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.160 0.000 0.054 0.077

Educ\_GE11YN 0.0341 0.006 5.646 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.065 0.000 0.106 0.129

Israeli 0.4305 0.020 21.040 0.000 0.390 0.471

has\_allele -0.1471 0.052 -2.833 0.005 -0.249 -0.045

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01510

Time: 11:53:37 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4158 0.026 -92.226 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.458 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.812 0.000 0.173 0.195

Birth\_year -0.0843 0.006 -14.349 0.000 -0.096 -0.073

dapar\_3gr 0.0662 0.006 11.241 0.000 0.055 0.078

Educ\_GE11YN 0.0341 0.006 5.645 0.000 0.022 0.046

Eshkol\_3gr 0.1180 0.006 20.121 0.000 0.106 0.129

Israeli 0.4269 0.020 20.863 0.000 0.387 0.467

has\_allele 0.1822 0.046 3.962 0.000 0.092 0.272

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:53:39 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4141 0.026 -92.135 0.000 -2.465 -2.363

MIN -0.4135 0.012 -33.453 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.799 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.386 0.000 -0.096 -0.073

dapar\_3gr 0.0661 0.006 11.222 0.000 0.055 0.078

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1179 0.006 20.097 0.000 0.106 0.129

Israeli 0.4291 0.020 20.977 0.000 0.389 0.469

has\_allele -0.0712 0.051 -1.400 0.161 -0.171 0.028

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01512

Time: 11:53:41 Log-Likelihood: -1.1428e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4210 0.026 -92.285 0.000 -2.472 -2.370

MIN -0.4138 0.012 -33.481 0.000 -0.438 -0.390

Age\_BMI 0.1843 0.005 33.840 0.000 0.174 0.195

Birth\_year -0.0839 0.006 -14.275 0.000 -0.095 -0.072

dapar\_3gr 0.0653 0.006 11.084 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.663 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.045 0.000 0.106 0.129

Israeli 0.4329 0.020 21.142 0.000 0.393 0.473

has\_allele 0.2165 0.047 4.578 0.000 0.124 0.309

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:53:42 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.179 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.366 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.179 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.064 0.000 0.106 0.129

Israeli 0.4290 0.020 20.974 0.000 0.389 0.469

has\_allele 0.0056 0.051 0.110 0.913 -0.095 0.106

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:53:44 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4153 0.026 -92.210 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.454 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0843 0.006 -14.343 0.000 -0.096 -0.073

dapar\_3gr 0.0662 0.006 11.225 0.000 0.055 0.078

Educ\_GE11YN 0.0343 0.006 5.664 0.000 0.022 0.046

Eshkol\_3gr 0.1179 0.006 20.107 0.000 0.106 0.129

Israeli 0.4282 0.020 20.926 0.000 0.388 0.468

has\_allele 0.0903 0.052 1.735 0.083 -0.012 0.192

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01510

Time: 11:53:46 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4130 0.026 -92.107 0.000 -2.464 -2.362

MIN -0.4134 0.012 -33.446 0.000 -0.438 -0.389

Age\_BMI 0.1840 0.005 33.780 0.000 0.173 0.195

Birth\_year -0.0849 0.006 -14.440 0.000 -0.096 -0.073

dapar\_3gr 0.0662 0.006 11.230 0.000 0.055 0.078

Educ\_GE11YN 0.0342 0.006 5.653 0.000 0.022 0.046

Eshkol\_3gr 0.1179 0.006 20.113 0.000 0.106 0.129

Israeli 0.4293 0.020 20.985 0.000 0.389 0.469

has\_allele -0.2226 0.060 -3.735 0.000 -0.339 -0.106

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:53:48 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4139 0.026 -92.137 0.000 -2.465 -2.363

MIN -0.4134 0.012 -33.443 0.000 -0.438 -0.389

Age\_BMI 0.1840 0.005 33.790 0.000 0.173 0.195

Birth\_year -0.0847 0.006 -14.409 0.000 -0.096 -0.073

dapar\_3gr 0.0663 0.006 11.240 0.000 0.055 0.078

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1179 0.006 20.100 0.000 0.106 0.129

Israeli 0.4289 0.020 20.969 0.000 0.389 0.469

has\_allele -0.1128 0.059 -1.920 0.055 -0.228 0.002

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:53:49 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4157 0.026 -92.212 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.821 0.000 0.174 0.195

Birth\_year -0.0842 0.006 -14.330 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.161 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.050 0.000 0.106 0.129

Israeli 0.4288 0.020 20.963 0.000 0.389 0.469

has\_allele 0.0837 0.055 1.534 0.125 -0.023 0.191

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:53:51 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.197 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.372 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.173 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.057 0.000 0.106 0.129

Israeli 0.4292 0.020 20.978 0.000 0.389 0.469

has\_allele -0.0253 0.063 -0.401 0.688 -0.149 0.098

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:53:53 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.174 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.367 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.184 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.068 0.000 0.106 0.129

Israeli 0.4290 0.020 20.974 0.000 0.389 0.469

has\_allele -0.0001 0.059 -0.002 0.998 -0.117 0.116

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:53:54 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4147 0.026 -92.184 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.379 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.176 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.067 0.000 0.106 0.129

Israeli 0.4295 0.020 20.994 0.000 0.389 0.470

has\_allele -0.0844 0.063 -1.335 0.182 -0.208 0.040

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:53:56 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4152 0.026 -92.204 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.453 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.361 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.192 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.058 0.000 0.106 0.129

Israeli 0.4286 0.020 20.948 0.000 0.388 0.469

has\_allele 0.0593 0.060 0.997 0.319 -0.057 0.176

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01508

Time: 11:53:58 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4143 0.026 -92.168 0.000 -2.466 -2.363

MIN -0.4135 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.796 0.000 0.173 0.195

Birth\_year -0.0846 0.006 -14.399 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.156 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.650 0.000 0.022 0.046

Eshkol\_3gr 0.1174 0.006 20.025 0.000 0.106 0.129

Israeli 0.4300 0.020 21.020 0.000 0.390 0.470

has\_allele -0.1984 0.068 -2.899 0.004 -0.332 -0.064

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:00 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.167 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.807 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.375 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.194 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.074 0.000 0.106 0.129

Israeli 0.4290 0.020 20.972 0.000 0.389 0.469

has\_allele -0.0319 0.065 -0.494 0.622 -0.159 0.095

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:01 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.200 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.368 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.184 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.069 0.000 0.106 0.129

Israeli 0.4291 0.020 20.972 0.000 0.389 0.469

has\_allele -0.0069 0.065 -0.107 0.914 -0.133 0.120

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01510

Time: 11:54:03 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4159 0.026 -92.233 0.000 -2.467 -2.365

MIN -0.4132 0.012 -33.426 0.000 -0.437 -0.389

Age\_BMI 0.1840 0.005 33.778 0.000 0.173 0.195

Birth\_year -0.0841 0.006 -14.308 0.000 -0.096 -0.073

dapar\_3gr 0.0661 0.006 11.221 0.000 0.055 0.078

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.045 0.000 0.106 0.129

Israeli 0.4272 0.020 20.880 0.000 0.387 0.467

has\_allele 0.2233 0.057 3.951 0.000 0.113 0.334

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:05 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.188 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.371 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.187 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.070 0.000 0.106 0.129

Israeli 0.4291 0.020 20.975 0.000 0.389 0.469

has\_allele -0.0135 0.064 -0.211 0.833 -0.138 0.112

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:07 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.185 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.368 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.179 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.066 0.000 0.106 0.129

Israeli 0.4290 0.020 20.975 0.000 0.389 0.469

has\_allele 0.0038 0.065 0.058 0.954 -0.124 0.132

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01509

Time: 11:54:09 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4141 0.026 -92.161 0.000 -2.465 -2.363

MIN -0.4135 0.012 -33.457 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.803 0.000 0.173 0.195

Birth\_year -0.0846 0.006 -14.401 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.164 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1174 0.006 20.029 0.000 0.106 0.129

Israeli 0.4301 0.020 21.023 0.000 0.390 0.470

has\_allele -0.2679 0.077 -3.502 0.000 -0.418 -0.118

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:11 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4143 0.026 -92.145 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.802 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.384 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.206 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.081 0.000 0.106 0.129

Israeli 0.4288 0.020 20.964 0.000 0.389 0.469

has\_allele -0.0831 0.071 -1.174 0.240 -0.222 0.056

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:13 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.195 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.813 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.371 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.169 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.043 0.000 0.106 0.129

Israeli 0.4294 0.020 20.989 0.000 0.389 0.470

has\_allele -0.0702 0.076 -0.926 0.354 -0.219 0.078

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:54:15 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4161 0.026 -92.224 0.000 -2.467 -2.365

MIN -0.4135 0.012 -33.455 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.826 0.000 0.174 0.195

Birth\_year -0.0841 0.006 -14.305 0.000 -0.096 -0.073

dapar\_3gr 0.0656 0.006 11.134 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.652 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.034 0.000 0.106 0.129

Israeli 0.4291 0.020 20.978 0.000 0.389 0.469

has\_allele 0.1504 0.066 2.278 0.023 0.021 0.280

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:54:17 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4161 0.026 -92.222 0.000 -2.467 -2.365

MIN -0.4135 0.012 -33.454 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.821 0.000 0.174 0.195

Birth\_year -0.0842 0.006 -14.334 0.000 -0.096 -0.073

dapar\_3gr 0.0656 0.006 11.134 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.032 0.000 0.106 0.129

Israeli 0.4291 0.020 20.978 0.000 0.389 0.469

has\_allele 0.1467 0.066 2.208 0.027 0.016 0.277

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:54:18 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4159 0.026 -92.222 0.000 -2.467 -2.365

MIN -0.4135 0.012 -33.454 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.823 0.000 0.174 0.195

Birth\_year -0.0843 0.006 -14.350 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.154 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.652 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.038 0.000 0.106 0.129

Israeli 0.4289 0.020 20.969 0.000 0.389 0.469

has\_allele 0.1457 0.067 2.166 0.030 0.014 0.277

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:20 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4153 0.026 -92.194 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.816 0.000 0.174 0.195

Birth\_year -0.0844 0.006 -14.354 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.176 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.062 0.000 0.106 0.129

Israeli 0.4291 0.020 20.975 0.000 0.389 0.469

has\_allele 0.0418 0.071 0.584 0.559 -0.098 0.182

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:23 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4154 0.026 -92.189 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.452 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.813 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.354 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.184 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.066 0.000 0.106 0.129

Israeli 0.4292 0.020 20.980 0.000 0.389 0.469

has\_allele 0.0436 0.072 0.603 0.547 -0.098 0.185

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:25 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.190 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.452 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.380 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.176 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.655 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.055 0.000 0.106 0.129

Israeli 0.4293 0.020 20.987 0.000 0.389 0.469

has\_allele -0.0735 0.077 -0.949 0.343 -0.225 0.078

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:27 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4159 0.026 -92.147 0.000 -2.467 -2.365

MIN -0.4135 0.012 -33.453 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.815 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.362 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.179 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.065 0.000 0.106 0.129

Israeli 0.4297 0.020 20.988 0.000 0.390 0.470

has\_allele 0.0582 0.076 0.771 0.441 -0.090 0.206

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01508

Time: 11:54:29 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4183 0.026 -92.250 0.000 -2.470 -2.367

MIN -0.4136 0.012 -33.461 0.000 -0.438 -0.389

Age\_BMI 0.1843 0.005 33.830 0.000 0.174 0.195

Birth\_year -0.0842 0.006 -14.327 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.159 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.653 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.047 0.000 0.106 0.129

Israeli 0.4312 0.020 21.066 0.000 0.391 0.471

has\_allele 0.2407 0.070 3.450 0.001 0.104 0.377

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:30 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.174 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.812 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.361 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.183 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.655 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.062 0.000 0.106 0.129

Israeli 0.4290 0.020 20.972 0.000 0.389 0.469

has\_allele -0.0465 0.082 -0.569 0.569 -0.207 0.114

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:54:32 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4161 0.026 -92.218 0.000 -2.467 -2.365

MIN -0.4135 0.012 -33.454 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.822 0.000 0.174 0.195

Birth\_year -0.0842 0.006 -14.329 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.144 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.662 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.047 0.000 0.106 0.129

Israeli 0.4293 0.020 20.987 0.000 0.389 0.469

has\_allele 0.1403 0.072 1.959 0.050 -5.24e-05 0.281

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:34 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.204 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.367 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.195 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.080 0.000 0.106 0.129

Israeli 0.4288 0.020 20.957 0.000 0.389 0.469

has\_allele 0.0629 0.078 0.802 0.422 -0.091 0.217

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:54:36 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4156 0.026 -92.214 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.454 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.820 0.000 0.174 0.195

Birth\_year -0.0843 0.006 -14.346 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.158 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.063 0.000 0.106 0.129

Israeli 0.4289 0.020 20.968 0.000 0.389 0.469

has\_allele 0.1250 0.074 1.683 0.092 -0.021 0.271

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:54:38 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.196 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.445 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.375 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.151 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.649 0.000 0.022 0.046

Eshkol\_3gr 0.1174 0.006 20.028 0.000 0.106 0.129

Israeli 0.4298 0.020 21.009 0.000 0.390 0.470

has\_allele -0.1786 0.087 -2.046 0.041 -0.350 -0.008

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:54:40 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4144 0.026 -92.165 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.447 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.796 0.000 0.173 0.195

Birth\_year -0.0847 0.006 -14.404 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.208 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.079 0.000 0.106 0.129

Israeli 0.4290 0.020 20.972 0.000 0.389 0.469

has\_allele -0.1177 0.081 -1.456 0.145 -0.276 0.041

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:41 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.181 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.447 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.807 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.377 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.198 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.076 0.000 0.106 0.129

Israeli 0.4290 0.020 20.973 0.000 0.389 0.469

has\_allele -0.0511 0.079 -0.646 0.518 -0.206 0.104

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:43 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4153 0.026 -92.199 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.815 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.358 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.175 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.060 0.000 0.106 0.129

Israeli 0.4290 0.020 20.974 0.000 0.389 0.469

has\_allele 0.0428 0.077 0.554 0.580 -0.109 0.194

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01508

Time: 11:54:45 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.202 0.000 -2.466 -2.364

MIN -0.4136 0.012 -33.459 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0842 0.006 -14.321 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.206 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.661 0.000 0.022 0.046

Eshkol\_3gr 0.1174 0.006 20.026 0.000 0.106 0.129

Israeli 0.4277 0.020 20.903 0.000 0.388 0.468

has\_allele 0.2423 0.072 3.352 0.001 0.101 0.384

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01508

Time: 11:54:47 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4166 0.026 -92.238 0.000 -2.468 -2.365

MIN -0.4136 0.012 -33.461 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.820 0.000 0.174 0.195

Birth\_year -0.0842 0.006 -14.321 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.144 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.662 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.039 0.000 0.106 0.129

Israeli 0.4295 0.020 20.995 0.000 0.389 0.470

has\_allele 0.2422 0.073 3.313 0.001 0.099 0.386

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:49 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.201 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.369 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.187 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.069 0.000 0.106 0.129

Israeli 0.4290 0.020 20.968 0.000 0.389 0.469

has\_allele 0.0128 0.082 0.156 0.876 -0.149 0.174

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:50 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.201 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.366 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.188 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.068 0.000 0.106 0.129

Israeli 0.4289 0.020 20.966 0.000 0.389 0.469

has\_allele 0.0210 0.081 0.261 0.794 -0.137 0.179

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:52 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4152 0.026 -92.196 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.813 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.366 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.178 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.061 0.000 0.106 0.129

Israeli 0.4290 0.020 20.974 0.000 0.389 0.469

has\_allele 0.0251 0.080 0.315 0.753 -0.131 0.181

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:54:54 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.192 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.808 0.000 0.173 0.195

Birth\_year -0.0846 0.006 -14.398 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.165 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1174 0.006 20.030 0.000 0.106 0.129

Israeli 0.4298 0.020 21.010 0.000 0.390 0.470

has\_allele -0.2018 0.093 -2.178 0.029 -0.383 -0.020

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:56 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.202 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.812 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.366 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.189 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.072 0.000 0.106 0.129

Israeli 0.4289 0.020 20.964 0.000 0.389 0.469

has\_allele 0.0450 0.082 0.548 0.584 -0.116 0.206

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:54:58 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4157 0.026 -92.218 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.454 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.816 0.000 0.173 0.195

Birth\_year -0.0843 0.006 -14.350 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.157 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.040 0.000 0.106 0.129

Israeli 0.4290 0.020 20.973 0.000 0.389 0.469

has\_allele 0.1532 0.078 1.974 0.048 0.001 0.305

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:54:59 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.200 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.367 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.186 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.069 0.000 0.106 0.129

Israeli 0.4290 0.020 20.971 0.000 0.389 0.469

has\_allele 0.0052 0.084 0.062 0.950 -0.159 0.169

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:55:01 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4158 0.026 -92.218 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.448 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.820 0.000 0.174 0.195

Birth\_year -0.0843 0.006 -14.356 0.000 -0.096 -0.073

dapar\_3gr 0.0656 0.006 11.138 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.046 0.000 0.106 0.129

Israeli 0.4290 0.020 20.971 0.000 0.389 0.469

has\_allele 0.1603 0.079 2.019 0.044 0.005 0.316

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:03 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.200 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.371 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.179 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.060 0.000 0.106 0.129

Israeli 0.4292 0.020 20.979 0.000 0.389 0.469

has\_allele -0.0415 0.090 -0.460 0.646 -0.218 0.135

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01508

Time: 11:55:05 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4162 0.026 -92.236 0.000 -2.468 -2.365

MIN -0.4134 0.012 -33.443 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.825 0.000 0.174 0.195

Birth\_year -0.0846 0.006 -14.393 0.000 -0.096 -0.073

dapar\_3gr 0.0661 0.006 11.225 0.000 0.055 0.078

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1181 0.006 20.133 0.000 0.107 0.130

Israeli 0.4287 0.020 20.960 0.000 0.389 0.469

has\_allele 0.2636 0.081 3.265 0.001 0.105 0.422

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:07 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.189 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.383 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.185 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.655 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.073 0.000 0.106 0.129

Israeli 0.4292 0.020 20.983 0.000 0.389 0.469

has\_allele -0.0996 0.092 -1.087 0.277 -0.279 0.080

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:08 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.188 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.808 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.377 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.192 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.073 0.000 0.106 0.129

Israeli 0.4291 0.020 20.975 0.000 0.389 0.469

has\_allele -0.0464 0.088 -0.526 0.599 -0.219 0.126

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:10 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4155 0.026 -92.208 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.815 0.000 0.173 0.195

Birth\_year -0.0843 0.006 -14.355 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.166 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.061 0.000 0.106 0.129

Israeli 0.4291 0.020 20.978 0.000 0.389 0.469

has\_allele 0.1021 0.083 1.226 0.220 -0.061 0.265

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01509

Time: 11:55:12 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4157 0.026 -92.222 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.819 0.000 0.174 0.195

Birth\_year -0.0845 0.006 -14.390 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.194 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.060 0.000 0.106 0.129

Israeli 0.4283 0.020 20.938 0.000 0.388 0.468

has\_allele 0.2852 0.082 3.499 0.000 0.125 0.445

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01507

Time: 11:55:14 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4166 0.026 -92.233 0.000 -2.468 -2.365

MIN -0.4134 0.012 -33.446 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.817 0.000 0.174 0.195

Birth\_year -0.0843 0.006 -14.349 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.145 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.648 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.033 0.000 0.106 0.129

Israeli 0.4296 0.020 20.998 0.000 0.389 0.470

has\_allele 0.2253 0.081 2.797 0.005 0.067 0.383

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:16 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.189 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.370 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.187 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.070 0.000 0.106 0.129

Israeli 0.4290 0.020 20.974 0.000 0.389 0.469

has\_allele -0.0134 0.089 -0.150 0.881 -0.188 0.161

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:17 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.201 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.370 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.185 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.068 0.000 0.106 0.129

Israeli 0.4291 0.020 20.972 0.000 0.389 0.469

has\_allele -0.0039 0.092 -0.042 0.966 -0.185 0.177

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:19 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.197 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.374 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.166 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.652 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.041 0.000 0.106 0.129

Israeli 0.4295 0.020 20.992 0.000 0.389 0.470

has\_allele -0.1264 0.100 -1.266 0.205 -0.322 0.069

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:55:21 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4128 0.026 -92.070 0.000 -2.464 -2.361

MIN -0.4134 0.012 -33.445 0.000 -0.438 -0.389

Age\_BMI 0.1840 0.005 33.790 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.380 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.203 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.655 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.074 0.000 0.106 0.129

Israeli 0.4274 0.020 20.887 0.000 0.387 0.468

has\_allele -0.2545 0.107 -2.389 0.017 -0.463 -0.046

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:23 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.203 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.365 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.194 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.077 0.000 0.106 0.129

Israeli 0.4288 0.020 20.960 0.000 0.389 0.469

has\_allele 0.0730 0.091 0.801 0.423 -0.106 0.252

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:55:25 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4158 0.026 -92.213 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.445 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.368 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.208 0.000 0.054 0.078

Educ\_GE11YN 0.0343 0.006 5.663 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.075 0.000 0.106 0.129

Israeli 0.4292 0.020 20.980 0.000 0.389 0.469

has\_allele 0.1424 0.093 1.537 0.124 -0.039 0.324

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:55:26 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.190 0.000 -2.466 -2.363

MIN -0.4135 0.012 -33.457 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.814 0.000 0.173 0.195

Birth\_year -0.0846 0.006 -14.398 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.183 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.083 0.000 0.106 0.129

Israeli 0.4298 0.020 21.011 0.000 0.390 0.470

has\_allele -0.2375 0.101 -2.347 0.019 -0.436 -0.039

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:28 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.204 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.446 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.362 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.191 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.661 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.059 0.000 0.106 0.129

Israeli 0.4287 0.020 20.952 0.000 0.389 0.469

has\_allele 0.0914 0.088 1.042 0.298 -0.081 0.263

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:55:30 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.203 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0843 0.006 -14.355 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.205 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1178 0.006 20.089 0.000 0.106 0.129

Israeli 0.4286 0.020 20.948 0.000 0.388 0.469

has\_allele 0.1377 0.092 1.497 0.134 -0.043 0.318

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:32 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.185 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.446 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0846 0.006 -14.391 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.197 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.077 0.000 0.106 0.129

Israeli 0.4290 0.020 20.975 0.000 0.389 0.469

has\_allele -0.1020 0.097 -1.050 0.294 -0.292 0.088

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:55:34 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4164 0.026 -92.222 0.000 -2.468 -2.365

MIN -0.4135 0.012 -33.454 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.822 0.000 0.174 0.195

Birth\_year -0.0843 0.006 -14.343 0.000 -0.096 -0.073

dapar\_3gr 0.0657 0.006 11.154 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.063 0.000 0.106 0.129

Israeli 0.4297 0.020 21.006 0.000 0.390 0.470

has\_allele 0.2000 0.089 2.240 0.025 0.025 0.375

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:35 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4154 0.026 -92.205 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.816 0.000 0.174 0.195

Birth\_year -0.0844 0.006 -14.364 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.165 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.061 0.000 0.106 0.129

Israeli 0.4291 0.020 20.976 0.000 0.389 0.469

has\_allele 0.0937 0.093 1.011 0.312 -0.088 0.275

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:55:37 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4154 0.026 -92.209 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.815 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.361 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.173 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.653 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.063 0.000 0.106 0.129

Israeli 0.4289 0.020 20.968 0.000 0.389 0.469

has\_allele 0.1331 0.094 1.417 0.156 -0.051 0.317

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:39 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.192 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.448 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.808 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.377 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.186 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.068 0.000 0.106 0.129

Israeli 0.4291 0.020 20.976 0.000 0.389 0.469

has\_allele -0.0660 0.103 -0.641 0.522 -0.268 0.136

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:41 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.196 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.366 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.183 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.066 0.000 0.106 0.129

Israeli 0.4290 0.020 20.974 0.000 0.389 0.469

has\_allele 0.0127 0.098 0.129 0.897 -0.179 0.205

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:42 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.191 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.365 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.187 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.070 0.000 0.106 0.129

Israeli 0.4290 0.020 20.974 0.000 0.389 0.469

has\_allele -0.0187 0.102 -0.183 0.855 -0.219 0.181

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01508

Time: 11:55:44 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4139 0.026 -92.148 0.000 -2.465 -2.363

MIN -0.4134 0.012 -33.446 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.795 0.000 0.173 0.195

Birth\_year -0.0847 0.006 -14.412 0.000 -0.096 -0.073

dapar\_3gr 0.0661 0.006 11.214 0.000 0.055 0.078

Educ\_GE11YN 0.0342 0.006 5.654 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.078 0.000 0.106 0.129

Israeli 0.4287 0.020 20.959 0.000 0.389 0.469

has\_allele -0.3494 0.118 -2.954 0.003 -0.581 -0.118

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:55:46 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.203 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.453 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.817 0.000 0.174 0.195

Birth\_year -0.0844 0.006 -14.362 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.195 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.053 0.000 0.106 0.129

Israeli 0.4286 0.020 20.951 0.000 0.389 0.469

has\_allele 0.1383 0.095 1.461 0.144 -0.047 0.324

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:47 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.192 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.452 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.383 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.182 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.068 0.000 0.106 0.129

Israeli 0.4293 0.020 20.984 0.000 0.389 0.469

has\_allele -0.1089 0.104 -1.047 0.295 -0.313 0.095

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01507

Time: 11:55:49 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.192 0.000 -2.466 -2.363

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.817 0.000 0.174 0.195

Birth\_year -0.0847 0.006 -14.411 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.164 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.043 0.000 0.106 0.129

Israeli 0.4298 0.020 21.009 0.000 0.390 0.470

has\_allele -0.3086 0.116 -2.655 0.008 -0.536 -0.081

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01507

Time: 11:55:51 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4147 0.026 -92.187 0.000 -2.466 -2.363

MIN -0.4135 0.012 -33.453 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.390 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.174 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.052 0.000 0.106 0.129

Israeli 0.4298 0.020 21.009 0.000 0.390 0.470

has\_allele -0.3293 0.119 -2.764 0.006 -0.563 -0.096

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:53 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.200 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.812 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.372 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.184 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.068 0.000 0.106 0.129

Israeli 0.4291 0.020 20.976 0.000 0.389 0.469

has\_allele -0.0301 0.103 -0.292 0.770 -0.233 0.172

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:54 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.197 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.371 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.179 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.061 0.000 0.106 0.129

Israeli 0.4291 0.020 20.978 0.000 0.389 0.469

has\_allele -0.0517 0.110 -0.472 0.637 -0.266 0.163

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:55:56 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.191 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.371 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.187 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.070 0.000 0.106 0.129

Israeli 0.4290 0.020 20.974 0.000 0.389 0.469

has\_allele -0.0199 0.106 -0.188 0.850 -0.227 0.187

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:55:58 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.189 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0843 0.006 -14.352 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.169 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.061 0.000 0.106 0.129

Israeli 0.4295 0.020 20.997 0.000 0.389 0.470

has\_allele -0.2708 0.122 -2.226 0.026 -0.509 -0.032

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:00 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4152 0.026 -92.199 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.812 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.373 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.183 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.066 0.000 0.106 0.129

Israeli 0.4290 0.020 20.974 0.000 0.389 0.469

has\_allele 0.0441 0.105 0.418 0.676 -0.163 0.251

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01509

Time: 11:56:01 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4162 0.026 -92.234 0.000 -2.467 -2.365

MIN -0.4137 0.012 -33.468 0.000 -0.438 -0.389

Age\_BMI 0.1843 0.005 33.840 0.000 0.174 0.195

Birth\_year -0.0840 0.006 -14.290 0.000 -0.095 -0.072

dapar\_3gr 0.0656 0.006 11.142 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.037 0.000 0.106 0.129

Israeli 0.4294 0.020 20.991 0.000 0.389 0.469

has\_allele 0.3457 0.094 3.671 0.000 0.161 0.530

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:03 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4153 0.026 -92.203 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.814 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.356 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.173 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.061 0.000 0.106 0.129

Israeli 0.4291 0.020 20.976 0.000 0.389 0.469

has\_allele 0.0792 0.100 0.788 0.430 -0.118 0.276

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01507

Time: 11:56:05 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4165 0.026 -92.234 0.000 -2.468 -2.365

MIN -0.4133 0.012 -33.439 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.812 0.000 0.173 0.195

Birth\_year -0.0846 0.006 -14.406 0.000 -0.096 -0.073

dapar\_3gr 0.0661 0.006 11.212 0.000 0.055 0.078

Educ\_GE11YN 0.0343 0.006 5.671 0.000 0.022 0.046

Eshkol\_3gr 0.1178 0.006 20.087 0.000 0.106 0.129

Israeli 0.4295 0.020 20.995 0.000 0.389 0.470

has\_allele 0.2808 0.102 2.757 0.006 0.081 0.480

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:56:07 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.198 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.813 0.000 0.173 0.195

Birth\_year -0.0846 0.006 -14.406 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.169 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.650 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.056 0.000 0.106 0.129

Israeli 0.4298 0.020 21.009 0.000 0.390 0.470

has\_allele -0.2729 0.120 -2.270 0.023 -0.508 -0.037

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:08 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.198 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.376 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.179 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.059 0.000 0.106 0.129

Israeli 0.4293 0.020 20.984 0.000 0.389 0.469

has\_allele -0.0961 0.118 -0.817 0.414 -0.327 0.135

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:10 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.186 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.373 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.189 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.071 0.000 0.106 0.129

Israeli 0.4290 0.020 20.972 0.000 0.389 0.469

has\_allele -0.0339 0.110 -0.308 0.758 -0.249 0.181

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:12 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.201 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.368 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.186 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.070 0.000 0.106 0.129

Israeli 0.4290 0.020 20.970 0.000 0.389 0.469

has\_allele 0.0228 0.108 0.210 0.834 -0.190 0.235

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:13 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4154 0.026 -92.202 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.813 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.360 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.174 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.656 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.062 0.000 0.106 0.129

Israeli 0.4292 0.020 20.980 0.000 0.389 0.469

has\_allele 0.0882 0.104 0.845 0.398 -0.116 0.293

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:56:15 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4154 0.026 -92.212 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.448 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.813 0.000 0.173 0.195

Birth\_year -0.0843 0.006 -14.347 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.205 0.000 0.054 0.078

Educ\_GE11YN 0.0343 0.006 5.663 0.000 0.022 0.046

Eshkol\_3gr 0.1178 0.006 20.090 0.000 0.106 0.129

Israeli 0.4286 0.020 20.950 0.000 0.388 0.469

has\_allele 0.2518 0.102 2.470 0.014 0.052 0.452

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01507

Time: 11:56:17 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.191 0.000 -2.466 -2.363

MIN -0.4135 0.012 -33.458 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.813 0.000 0.173 0.195

Birth\_year -0.0846 0.006 -14.391 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.166 0.000 0.054 0.077

Educ\_GE11YN 0.0341 0.006 5.644 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.056 0.000 0.106 0.129

Israeli 0.4298 0.020 21.010 0.000 0.390 0.470

has\_allele -0.3257 0.127 -2.564 0.010 -0.575 -0.077

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:19 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.201 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.366 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.189 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.070 0.000 0.106 0.129

Israeli 0.4289 0.020 20.967 0.000 0.389 0.469

has\_allele 0.0454 0.113 0.401 0.689 -0.177 0.268

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:21 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.196 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.812 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.368 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.182 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.067 0.000 0.106 0.129

Israeli 0.4290 0.020 20.975 0.000 0.389 0.469

has\_allele 0.0232 0.108 0.214 0.831 -0.189 0.236

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:22 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4154 0.026 -92.207 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.361 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.185 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.071 0.000 0.106 0.129

Israeli 0.4291 0.020 20.977 0.000 0.389 0.469

has\_allele 0.1200 0.109 1.104 0.270 -0.093 0.333

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:24 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.200 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.448 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.812 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.374 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.183 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.065 0.000 0.106 0.129

Israeli 0.4292 0.020 20.981 0.000 0.389 0.469

has\_allele -0.0743 0.119 -0.627 0.530 -0.307 0.158

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:26 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.190 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.373 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.192 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.073 0.000 0.106 0.129

Israeli 0.4291 0.020 20.975 0.000 0.389 0.469

has\_allele -0.0557 0.112 -0.496 0.620 -0.276 0.165

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:28 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.200 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.812 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.364 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.185 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.068 0.000 0.106 0.129

Israeli 0.4290 0.020 20.973 0.000 0.389 0.469

has\_allele 0.0431 0.110 0.393 0.694 -0.172 0.258

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:30 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4152 0.026 -92.204 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.453 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.813 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.358 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.175 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.064 0.000 0.106 0.129

Israeli 0.4291 0.020 20.975 0.000 0.389 0.469

has\_allele 0.0835 0.108 0.773 0.439 -0.128 0.295

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:31 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4152 0.026 -92.206 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.445 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.813 0.000 0.173 0.195

Birth\_year -0.0843 0.006 -14.353 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.187 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.655 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.060 0.000 0.106 0.129

Israeli 0.4287 0.020 20.958 0.000 0.389 0.469

has\_allele 0.1302 0.106 1.233 0.218 -0.077 0.337

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:56:33 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4145 0.026 -92.176 0.000 -2.466 -2.363

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.802 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.386 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.207 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.660 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.081 0.000 0.106 0.129

Israeli 0.4291 0.020 20.977 0.000 0.389 0.469

has\_allele -0.2356 0.124 -1.904 0.057 -0.478 0.007

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:56:35 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.198 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.445 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.383 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.174 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.652 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.061 0.000 0.106 0.129

Israeli 0.4294 0.020 20.993 0.000 0.389 0.470

has\_allele -0.2048 0.126 -1.620 0.105 -0.453 0.043

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:37 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.191 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.373 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.190 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.070 0.000 0.106 0.129

Israeli 0.4290 0.020 20.973 0.000 0.389 0.469

has\_allele -0.0354 0.114 -0.311 0.756 -0.258 0.188

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:38 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4153 0.026 -92.196 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.448 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.376 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.189 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.072 0.000 0.106 0.129

Israeli 0.4291 0.020 20.976 0.000 0.389 0.469

has\_allele 0.0602 0.120 0.500 0.617 -0.176 0.296

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01509

Time: 11:56:40 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4152 0.026 -92.206 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.453 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.818 0.000 0.174 0.195

Birth\_year -0.0844 0.006 -14.367 0.000 -0.096 -0.073

dapar\_3gr 0.0661 0.006 11.218 0.000 0.055 0.078

Educ\_GE11YN 0.0342 0.006 5.655 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.049 0.000 0.106 0.129

Israeli 0.4281 0.020 20.928 0.000 0.388 0.468

has\_allele 0.3622 0.101 3.600 0.000 0.165 0.559

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01507

Time: 11:56:42 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4152 0.026 -92.207 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.445 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.803 0.000 0.173 0.195

Birth\_year -0.0843 0.006 -14.349 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.200 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.067 0.000 0.106 0.129

Israeli 0.4282 0.020 20.931 0.000 0.388 0.468

has\_allele 0.2754 0.101 2.731 0.006 0.078 0.473

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:44 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.188 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.447 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.809 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.388 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.189 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.076 0.000 0.106 0.129

Israeli 0.4290 0.020 20.975 0.000 0.389 0.469

has\_allele -0.1338 0.123 -1.092 0.275 -0.374 0.106

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:46 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.198 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.371 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.184 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.069 0.000 0.106 0.129

Israeli 0.4291 0.020 20.976 0.000 0.389 0.469

has\_allele -0.0258 0.119 -0.217 0.828 -0.259 0.207

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01509

Time: 11:56:47 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4159 0.026 -92.226 0.000 -2.467 -2.365

MIN -0.4135 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.825 0.000 0.174 0.195

Birth\_year -0.0842 0.006 -14.323 0.000 -0.096 -0.073

dapar\_3gr 0.0655 0.006 11.120 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.048 0.000 0.106 0.129

Israeli 0.4289 0.020 20.967 0.000 0.389 0.469

has\_allele 0.3582 0.100 3.597 0.000 0.163 0.553

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:49 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4155 0.026 -92.210 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.443 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.803 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.368 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.200 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.662 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.071 0.000 0.106 0.129

Israeli 0.4291 0.020 20.977 0.000 0.389 0.469

has\_allele 0.1396 0.111 1.254 0.210 -0.079 0.358

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:51 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.184 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.448 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.808 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.376 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.195 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.073 0.000 0.106 0.129

Israeli 0.4290 0.020 20.970 0.000 0.389 0.469

has\_allele -0.0873 0.121 -0.722 0.470 -0.324 0.150

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:53 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.201 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.363 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.187 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.070 0.000 0.106 0.129

Israeli 0.4290 0.020 20.969 0.000 0.389 0.469

has\_allele 0.0333 0.118 0.283 0.777 -0.197 0.264

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:56:54 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.192 0.000 -2.466 -2.363

MIN -0.4135 0.012 -33.456 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.373 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.160 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.047 0.000 0.106 0.129

Israeli 0.4297 0.020 21.004 0.000 0.390 0.470

has\_allele -0.3235 0.139 -2.327 0.020 -0.596 -0.051

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:56:56 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.192 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.452 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.813 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.382 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.167 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.661 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.040 0.000 0.106 0.129

Israeli 0.4296 0.020 21.000 0.000 0.389 0.470

has\_allele -0.3140 0.139 -2.257 0.024 -0.587 -0.041

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:56:58 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4155 0.026 -92.201 0.000 -2.467 -2.364

MIN -0.4135 0.012 -33.453 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.362 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.188 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.074 0.000 0.106 0.129

Israeli 0.4293 0.020 20.985 0.000 0.389 0.469

has\_allele 0.1067 0.117 0.912 0.362 -0.123 0.336

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01505

Time: 11:57:00 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4152 0.026 -92.204 0.000 -2.467 -2.364

MIN -0.4134 0.012 -33.448 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.817 0.000 0.174 0.195

Birth\_year -0.0844 0.006 -14.357 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.203 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1178 0.006 20.091 0.000 0.106 0.129

Israeli 0.4286 0.020 20.953 0.000 0.389 0.469

has\_allele 0.1847 0.114 1.622 0.105 -0.038 0.408

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:57:02 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.186 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.447 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.807 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.382 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.194 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.074 0.000 0.106 0.129

Israeli 0.4290 0.020 20.972 0.000 0.389 0.469

has\_allele -0.1179 0.127 -0.929 0.353 -0.367 0.131

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:57:03 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4145 0.026 -92.121 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.448 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.372 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.187 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.068 0.000 0.106 0.129

Israeli 0.4285 0.020 20.934 0.000 0.388 0.469

has\_allele -0.0793 0.130 -0.611 0.541 -0.334 0.175

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:57:05 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.201 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.370 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.186 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.069 0.000 0.106 0.129

Israeli 0.4291 0.020 20.974 0.000 0.389 0.469

has\_allele -0.0100 0.122 -0.082 0.935 -0.249 0.229

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:57:07 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4152 0.026 -92.206 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.807 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.360 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.188 0.000 0.054 0.077

Educ\_GE11YN 0.0343 0.006 5.663 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.083 0.000 0.106 0.129

Israeli 0.4284 0.020 20.939 0.000 0.388 0.468

has\_allele 0.2804 0.109 2.573 0.010 0.067 0.494

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:57:09 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.200 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.372 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.182 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.065 0.000 0.106 0.129

Israeli 0.4291 0.020 20.976 0.000 0.389 0.469

has\_allele -0.0356 0.130 -0.274 0.784 -0.291 0.219

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:57:10 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4151 0.026 -92.202 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1842 0.005 33.812 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.357 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.184 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.067 0.000 0.106 0.129

Israeli 0.4290 0.020 20.971 0.000 0.389 0.469

has\_allele 0.0512 0.118 0.434 0.664 -0.180 0.282

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:57:12 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4146 0.026 -92.144 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.808 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.376 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.190 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.659 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.072 0.000 0.106 0.129

Israeli 0.4287 0.020 20.949 0.000 0.389 0.469

has\_allele -0.0754 0.128 -0.589 0.556 -0.326 0.175

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:57:14 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4150 0.026 -92.201 0.000 -2.466 -2.364

MIN -0.4135 0.012 -33.451 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.369 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.188 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.069 0.000 0.106 0.129

Israeli 0.4290 0.020 20.969 0.000 0.389 0.469

has\_allele 0.0325 0.124 0.262 0.793 -0.210 0.275

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:57:15 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4149 0.026 -92.191 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.450 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.808 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.373 0.000 -0.096 -0.073

dapar\_3gr 0.0660 0.006 11.194 0.000 0.054 0.078

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.076 0.000 0.106 0.129

Israeli 0.4291 0.020 20.976 0.000 0.389 0.469

has\_allele -0.0827 0.124 -0.665 0.506 -0.327 0.161

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:57:17 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4148 0.026 -92.186 0.000 -2.466 -2.363

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.807 0.000 0.173 0.195

Birth\_year -0.0845 0.006 -14.383 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.193 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.658 0.000 0.022 0.046

Eshkol\_3gr 0.1177 0.006 20.074 0.000 0.106 0.129

Israeli 0.4290 0.020 20.972 0.000 0.389 0.469

has\_allele -0.1113 0.127 -0.876 0.381 -0.360 0.138

===============================================================================

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Logit Regression Results

==============================================================================

Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01506

Time: 11:57:19 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

===============================================================================

coef std err z P |z| [0.025 0.975]

-------------------------------------------------------------------------------

const -2.4140 0.026 -92.148 0.000 -2.465 -2.363

MIN -0.4134 0.012 -33.447 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.811 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.363 0.000 -0.096 -0.073

dapar\_3gr 0.0658 0.006 11.172 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.655 0.000 0.022 0.046

Eshkol\_3gr 0.1175 0.006 20.051 0.000 0.106 0.129

Israeli 0.4284 0.020 20.943 0.000 0.388 0.469

has\_allele -0.3382 0.163 -2.080 0.038 -0.657 -0.019

===============================================================================

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 456491

Model: Logit Df Residuals: 456482

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01504

Time: 11:57:20 Log-Likelihood: -1.1429e+05

converged: True LL-Null: -1.1604e+05

LLR p-value: 0.000

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coef std err z P |z| [0.025 0.975]

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const -2.4151 0.026 -92.201 0.000 -2.466 -2.364

MIN -0.4134 0.012 -33.449 0.000 -0.438 -0.389

Age\_BMI 0.1841 0.005 33.810 0.000 0.173 0.195

Birth\_year -0.0844 0.006 -14.367 0.000 -0.096 -0.073

dapar\_3gr 0.0659 0.006 11.187 0.000 0.054 0.077

Educ\_GE11YN 0.0342 0.006 5.657 0.000 0.022 0.046

Eshkol\_3gr 0.1176 0.006 20.066 0.000 0.106 0.129

Israeli 0.4289 0.020 20.968 0.000 0.389 0.469

has\_allele 0.0435 0.119 0.365 0.715 -0.190 0.277

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