Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01422

Time: 11:49:44 Log-Likelihood: -53933.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3123 0.038 -60.553 0.000 -2.387 -2.237

MIN -0.4332 0.018 -23.850 0.000 -0.469 -0.398

Age\_BMI 0.1664 0.008 21.337 0.000 0.151 0.182

Birth\_year -0.0705 0.009 -8.130 0.000 -0.087 -0.054

dapar\_3gr 0.0562 0.009 6.539 0.000 0.039 0.073

Educ\_GE11YN 0.0321 0.009 3.643 0.000 0.015 0.049

Eshkol\_3gr 0.1306 0.009 15.175 0.000 0.114 0.147

Israeli 0.2790 0.029 9.522 0.000 0.222 0.336

has\_allele 0.0951 0.032 2.948 0.003 0.032 0.158

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01416

Time: 11:49:45 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3087 0.038 -60.502 0.000 -2.383 -2.234

MIN -0.4330 0.018 -23.842 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.311 0.000 0.151 0.182

Birth\_year -0.0715 0.009 -8.249 0.000 -0.089 -0.055

dapar\_3gr 0.0570 0.009 6.636 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.658 0.000 0.015 0.050

Eshkol\_3gr 0.1311 0.009 15.244 0.000 0.114 0.148

Israeli 0.2801 0.029 9.562 0.000 0.223 0.338

has\_allele 0.0694 0.051 1.362 0.173 -0.030 0.169

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01415

Time: 11:49:46 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3066 0.038 -60.448 0.000 -2.381 -2.232

MIN -0.4329 0.018 -23.832 0.000 -0.468 -0.397

Age\_BMI 0.1660 0.008 21.286 0.000 0.151 0.181

Birth\_year -0.0731 0.009 -8.445 0.000 -0.090 -0.056

dapar\_3gr 0.0575 0.009 6.696 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.658 0.000 0.015 0.050

Eshkol\_3gr 0.1314 0.009 15.280 0.000 0.115 0.148

Israeli 0.2814 0.029 9.604 0.000 0.224 0.339

has\_allele -0.0636 0.055 -1.158 0.247 -0.171 0.044

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:49:46 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3072 0.038 -60.452 0.000 -2.382 -2.232

MIN -0.4329 0.018 -23.832 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.292 0.000 0.151 0.181

Birth\_year -0.0727 0.009 -8.394 0.000 -0.090 -0.056

dapar\_3gr 0.0574 0.009 6.680 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.661 0.000 0.015 0.050

Eshkol\_3gr 0.1314 0.009 15.272 0.000 0.115 0.148

Israeli 0.2808 0.029 9.585 0.000 0.223 0.338

has\_allele -0.0215 0.055 -0.391 0.696 -0.129 0.086

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:49:47 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3080 0.038 -60.481 0.000 -2.383 -2.233

MIN -0.4329 0.018 -23.835 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.300 0.000 0.151 0.181

Birth\_year -0.0723 0.009 -8.358 0.000 -0.089 -0.055

dapar\_3gr 0.0573 0.009 6.664 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.659 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.255 0.000 0.114 0.148

Israeli 0.2805 0.029 9.576 0.000 0.223 0.338

has\_allele 0.0268 0.056 0.479 0.632 -0.083 0.136

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01415

Time: 11:49:48 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3063 0.038 -60.437 0.000 -2.381 -2.232

MIN -0.4329 0.018 -23.835 0.000 -0.469 -0.397

Age\_BMI 0.1660 0.008 21.277 0.000 0.151 0.181

Birth\_year -0.0732 0.009 -8.452 0.000 -0.090 -0.056

dapar\_3gr 0.0576 0.009 6.700 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.661 0.000 0.015 0.050

Eshkol\_3gr 0.1316 0.009 15.296 0.000 0.115 0.148

Israeli 0.2812 0.029 9.598 0.000 0.224 0.339

has\_allele -0.0791 0.060 -1.311 0.190 -0.197 0.039

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01420

Time: 11:49:49 Log-Likelihood: -53934.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3056 0.038 -60.424 0.000 -2.380 -2.231

MIN -0.4328 0.018 -23.829 0.000 -0.468 -0.397

Age\_BMI 0.1660 0.008 21.281 0.000 0.151 0.181

Birth\_year -0.0734 0.009 -8.485 0.000 -0.090 -0.056

dapar\_3gr 0.0578 0.009 6.726 0.000 0.041 0.075

Educ\_GE11YN 0.0323 0.009 3.664 0.000 0.015 0.050

Eshkol\_3gr 0.1318 0.009 15.317 0.000 0.115 0.149

Israeli 0.2816 0.029 9.611 0.000 0.224 0.339

has\_allele -0.1668 0.067 -2.484 0.013 -0.298 -0.035

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:49:50 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3070 0.038 -60.460 0.000 -2.382 -2.232

MIN -0.4328 0.018 -23.831 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.289 0.000 0.151 0.181

Birth\_year -0.0728 0.009 -8.412 0.000 -0.090 -0.056

dapar\_3gr 0.0575 0.009 6.686 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.661 0.000 0.015 0.050

Eshkol\_3gr 0.1314 0.009 15.277 0.000 0.115 0.148

Israeli 0.2809 0.029 9.589 0.000 0.224 0.338

has\_allele -0.0485 0.067 -0.722 0.471 -0.180 0.083

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01415

Time: 11:49:51 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3086 0.038 -60.493 0.000 -2.383 -2.234

MIN -0.4330 0.018 -23.841 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.301 0.000 0.151 0.181

Birth\_year -0.0721 0.009 -8.340 0.000 -0.089 -0.055

dapar\_3gr 0.0573 0.009 6.674 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.661 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.258 0.000 0.114 0.148

Israeli 0.2808 0.029 9.584 0.000 0.223 0.338

has\_allele 0.0726 0.065 1.121 0.262 -0.054 0.200

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01427

Time: 11:49:52 Log-Likelihood: -53930.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3158 0.038 -60.582 0.000 -2.391 -2.241

MIN -0.4335 0.018 -23.865 0.000 -0.469 -0.398

Age\_BMI 0.1663 0.008 21.314 0.000 0.151 0.182

Birth\_year -0.0712 0.009 -8.225 0.000 -0.088 -0.054

dapar\_3gr 0.0569 0.009 6.624 0.000 0.040 0.074

Educ\_GE11YN 0.0322 0.009 3.652 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.264 0.000 0.114 0.148

Israeli 0.2864 0.029 9.760 0.000 0.229 0.344

has\_allele 0.2515 0.064 3.938 0.000 0.126 0.377

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:49:53 Log-Likelihood: -53938.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3075 0.038 -60.473 0.000 -2.382 -2.233

MIN -0.4329 0.018 -23.834 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.296 0.000 0.151 0.181

Birth\_year -0.0725 0.009 -8.383 0.000 -0.089 -0.056

dapar\_3gr 0.0573 0.009 6.673 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.267 0.000 0.114 0.148

Israeli 0.2807 0.029 9.583 0.000 0.223 0.338

has\_allele -0.0010 0.073 -0.014 0.989 -0.144 0.142

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01416

Time: 11:49:54 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3066 0.038 -60.450 0.000 -2.381 -2.232

MIN -0.4328 0.018 -23.828 0.000 -0.468 -0.397

Age\_BMI 0.1660 0.008 21.282 0.000 0.151 0.181

Birth\_year -0.0730 0.009 -8.442 0.000 -0.090 -0.056

dapar\_3gr 0.0576 0.009 6.706 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.658 0.000 0.015 0.050

Eshkol\_3gr 0.1315 0.009 15.288 0.000 0.115 0.148

Israeli 0.2810 0.029 9.593 0.000 0.224 0.338

has\_allele -0.1067 0.075 -1.418 0.156 -0.254 0.041

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01415

Time: 11:49:55 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3084 0.038 -60.493 0.000 -2.383 -2.234

MIN -0.4328 0.018 -23.831 0.000 -0.468 -0.397

Age\_BMI 0.1662 0.008 21.302 0.000 0.151 0.181

Birth\_year -0.0720 0.009 -8.325 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.659 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.256 0.000 0.114 0.148

Israeli 0.2805 0.029 9.575 0.000 0.223 0.338

has\_allele 0.0732 0.071 1.029 0.304 -0.066 0.213

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01428

Time: 11:49:56 Log-Likelihood: -53930.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3045 0.038 -60.393 0.000 -2.379 -2.230

MIN -0.4328 0.018 -23.827 0.000 -0.468 -0.397

Age\_BMI 0.1658 0.008 21.258 0.000 0.151 0.181

Birth\_year -0.0735 0.009 -8.496 0.000 -0.090 -0.057

dapar\_3gr 0.0576 0.009 6.705 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.653 0.000 0.015 0.050

Eshkol\_3gr 0.1318 0.009 15.326 0.000 0.115 0.149

Israeli 0.2812 0.029 9.599 0.000 0.224 0.339

has\_allele -0.3238 0.086 -3.755 0.000 -0.493 -0.155

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:49:56 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3073 0.038 -60.473 0.000 -2.382 -2.232

MIN -0.4329 0.018 -23.833 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.299 0.000 0.151 0.181

Birth\_year -0.0724 0.009 -8.376 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.658 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.659 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.259 0.000 0.114 0.148

Israeli 0.2810 0.029 9.592 0.000 0.224 0.338

has\_allele -0.0490 0.081 -0.605 0.545 -0.208 0.110

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01416

Time: 11:49:57 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3084 0.038 -60.501 0.000 -2.383 -2.234

MIN -0.4329 0.018 -23.836 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.306 0.000 0.151 0.181

Birth\_year -0.0721 0.009 -8.331 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.656 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.658 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.252 0.000 0.114 0.148

Israeli 0.2802 0.029 9.565 0.000 0.223 0.338

has\_allele 0.1112 0.074 1.494 0.135 -0.035 0.257

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01425

Time: 11:49:58 Log-Likelihood: -53931.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3093 0.038 -60.523 0.000 -2.384 -2.235

MIN -0.4331 0.018 -23.847 0.000 -0.469 -0.398

Age\_BMI 0.1661 0.008 21.291 0.000 0.151 0.181

Birth\_year -0.0735 0.009 -8.500 0.000 -0.090 -0.057

dapar\_3gr 0.0578 0.009 6.724 0.000 0.041 0.075

Educ\_GE11YN 0.0322 0.009 3.647 0.000 0.015 0.050

Eshkol\_3gr 0.1317 0.009 15.315 0.000 0.115 0.149

Israeli 0.2792 0.029 9.530 0.000 0.222 0.337

has\_allele 0.2657 0.073 3.621 0.000 0.122 0.410

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01416

Time: 11:49:59 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3081 0.038 -60.496 0.000 -2.383 -2.233

MIN -0.4330 0.018 -23.839 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.305 0.000 0.151 0.181

Birth\_year -0.0721 0.009 -8.331 0.000 -0.089 -0.055

dapar\_3gr 0.0570 0.009 6.626 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.659 0.000 0.015 0.050

Eshkol\_3gr 0.1311 0.009 15.246 0.000 0.114 0.148

Israeli 0.2801 0.029 9.562 0.000 0.223 0.338

has\_allele 0.1077 0.077 1.405 0.160 -0.043 0.258

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01417

Time: 11:50:00 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3066 0.038 -60.456 0.000 -2.381 -2.232

MIN -0.4329 0.018 -23.835 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.306 0.000 0.151 0.181

Birth\_year -0.0721 0.009 -8.337 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.659 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.655 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.248 0.000 0.114 0.148

Israeli 0.2817 0.029 9.614 0.000 0.224 0.339

has\_allele -0.1745 0.090 -1.940 0.052 -0.351 0.002

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:01 Log-Likelihood: -53938.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3074 0.038 -60.472 0.000 -2.382 -2.233

MIN -0.4329 0.018 -23.834 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.295 0.000 0.151 0.181

Birth\_year -0.0725 0.009 -8.387 0.000 -0.089 -0.056

dapar\_3gr 0.0574 0.009 6.675 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.268 0.000 0.114 0.148

Israeli 0.2807 0.029 9.584 0.000 0.223 0.338

has\_allele -0.0127 0.083 -0.154 0.878 -0.175 0.149

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01417

Time: 11:50:02 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3065 0.038 -60.450 0.000 -2.381 -2.232

MIN -0.4330 0.018 -23.837 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.296 0.000 0.151 0.181

Birth\_year -0.0721 0.009 -8.341 0.000 -0.089 -0.055

dapar\_3gr 0.0571 0.009 6.644 0.000 0.040 0.074

Educ\_GE11YN 0.0324 0.009 3.665 0.000 0.015 0.050

Eshkol\_3gr 0.1311 0.009 15.245 0.000 0.114 0.148

Israeli 0.2814 0.029 9.607 0.000 0.224 0.339

has\_allele -0.1720 0.093 -1.855 0.064 -0.354 0.010

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:03 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3079 0.038 -60.487 0.000 -2.383 -2.233

MIN -0.4329 0.018 -23.836 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.300 0.000 0.151 0.181

Birth\_year -0.0723 0.009 -8.361 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.655 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.658 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.258 0.000 0.114 0.148

Israeli 0.2806 0.029 9.579 0.000 0.223 0.338

has\_allele 0.0443 0.081 0.544 0.587 -0.115 0.204

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01420

Time: 11:50:04 Log-Likelihood: -53934.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3056 0.038 -60.419 0.000 -2.380 -2.231

MIN -0.4328 0.018 -23.830 0.000 -0.468 -0.397

Age\_BMI 0.1660 0.008 21.275 0.000 0.151 0.181

Birth\_year -0.0733 0.009 -8.472 0.000 -0.090 -0.056

dapar\_3gr 0.0576 0.009 6.707 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1315 0.009 15.290 0.000 0.115 0.148

Israeli 0.2807 0.029 9.582 0.000 0.223 0.338

has\_allele -0.2243 0.092 -2.426 0.015 -0.406 -0.043

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01417

Time: 11:50:05 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3087 0.038 -60.507 0.000 -2.383 -2.234

MIN -0.4330 0.018 -23.839 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.303 0.000 0.151 0.181

Birth\_year -0.0719 0.009 -8.307 0.000 -0.089 -0.055

dapar\_3gr 0.0570 0.009 6.633 0.000 0.040 0.074

Educ\_GE11YN 0.0324 0.009 3.668 0.000 0.015 0.050

Eshkol\_3gr 0.1311 0.009 15.244 0.000 0.114 0.148

Israeli 0.2804 0.029 9.573 0.000 0.223 0.338

has\_allele 0.1642 0.083 1.969 0.049 0.001 0.328

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01421

Time: 11:50:06 Log-Likelihood: -53933.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3093 0.038 -60.523 0.000 -2.384 -2.235

MIN -0.4330 0.018 -23.838 0.000 -0.469 -0.397

Age\_BMI 0.1663 0.008 21.314 0.000 0.151 0.182

Birth\_year -0.0714 0.009 -8.249 0.000 -0.088 -0.054

dapar\_3gr 0.0569 0.009 6.624 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.657 0.000 0.015 0.050

Eshkol\_3gr 0.1309 0.009 15.220 0.000 0.114 0.148

Israeli 0.2803 0.029 9.570 0.000 0.223 0.338

has\_allele 0.2448 0.083 2.958 0.003 0.083 0.407

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:06 Log-Likelihood: -53938.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3076 0.038 -60.479 0.000 -2.382 -2.233

MIN -0.4329 0.018 -23.833 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.296 0.000 0.151 0.181

Birth\_year -0.0725 0.009 -8.376 0.000 -0.089 -0.056

dapar\_3gr 0.0573 0.009 6.672 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.267 0.000 0.114 0.148

Israeli 0.2807 0.029 9.582 0.000 0.223 0.338

has\_allele 0.0072 0.094 0.077 0.939 -0.176 0.191

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:07 Log-Likelihood: -53938.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3075 0.038 -60.476 0.000 -2.382 -2.233

MIN -0.4329 0.018 -23.834 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.296 0.000 0.151 0.181

Birth\_year -0.0725 0.009 -8.381 0.000 -0.089 -0.056

dapar\_3gr 0.0573 0.009 6.669 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.263 0.000 0.114 0.148

Israeli 0.2807 0.029 9.584 0.000 0.223 0.338

has\_allele -0.0094 0.100 -0.094 0.925 -0.206 0.187

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01416

Time: 11:50:08 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3069 0.038 -60.466 0.000 -2.382 -2.232

MIN -0.4328 0.018 -23.827 0.000 -0.468 -0.397

Age\_BMI 0.1660 0.008 21.286 0.000 0.151 0.181

Birth\_year -0.0729 0.009 -8.431 0.000 -0.090 -0.056

dapar\_3gr 0.0576 0.009 6.699 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.661 0.000 0.015 0.050

Eshkol\_3gr 0.1315 0.009 15.287 0.000 0.115 0.148

Israeli 0.2810 0.029 9.591 0.000 0.224 0.338

has\_allele -0.1413 0.102 -1.385 0.166 -0.341 0.059

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01416

Time: 11:50:09 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3087 0.038 -60.505 0.000 -2.384 -2.234

MIN -0.4328 0.018 -23.830 0.000 -0.468 -0.397

Age\_BMI 0.1662 0.008 21.310 0.000 0.151 0.182

Birth\_year -0.0723 0.009 -8.359 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.655 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.658 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.248 0.000 0.114 0.148

Israeli 0.2806 0.029 9.578 0.000 0.223 0.338

has\_allele 0.1513 0.092 1.648 0.099 -0.029 0.331

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:10 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3077 0.038 -60.481 0.000 -2.383 -2.233

MIN -0.4329 0.018 -23.834 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.297 0.000 0.151 0.181

Birth\_year -0.0724 0.009 -8.367 0.000 -0.089 -0.055

dapar\_3gr 0.0573 0.009 6.670 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.659 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.267 0.000 0.114 0.148

Israeli 0.2807 0.029 9.582 0.000 0.223 0.338

has\_allele 0.0250 0.098 0.255 0.798 -0.167 0.217

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01416

Time: 11:50:11 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3086 0.038 -60.500 0.000 -2.383 -2.234

MIN -0.4329 0.018 -23.835 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.301 0.000 0.151 0.181

Birth\_year -0.0719 0.009 -8.315 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.657 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.663 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.250 0.000 0.114 0.148

Israeli 0.2808 0.029 9.584 0.000 0.223 0.338

has\_allele 0.1357 0.093 1.458 0.145 -0.047 0.318

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01419

Time: 11:50:12 Log-Likelihood: -53935.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3112 0.038 -60.521 0.000 -2.386 -2.236

MIN -0.4330 0.018 -23.838 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.311 0.000 0.151 0.182

Birth\_year -0.0719 0.009 -8.316 0.000 -0.089 -0.055

dapar\_3gr 0.0573 0.009 6.670 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.653 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.251 0.000 0.114 0.148

Israeli 0.2831 0.029 9.657 0.000 0.226 0.341

has\_allele 0.2213 0.093 2.374 0.018 0.039 0.404

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01416

Time: 11:50:13 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3068 0.038 -60.459 0.000 -2.382 -2.232

MIN -0.4329 0.018 -23.832 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.290 0.000 0.151 0.181

Birth\_year -0.0723 0.009 -8.365 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.658 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.658 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.251 0.000 0.114 0.148

Israeli 0.2810 0.029 9.593 0.000 0.224 0.338

has\_allele -0.1715 0.113 -1.520 0.129 -0.393 0.050

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:14 Log-Likelihood: -53938.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3075 0.038 -60.483 0.000 -2.382 -2.233

MIN -0.4329 0.018 -23.832 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.295 0.000 0.151 0.181

Birth\_year -0.0725 0.009 -8.382 0.000 -0.089 -0.056

dapar\_3gr 0.0573 0.009 6.672 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.268 0.000 0.114 0.148

Israeli 0.2808 0.029 9.584 0.000 0.223 0.338

has\_allele -0.0175 0.106 -0.166 0.868 -0.225 0.190

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:15 Log-Likelihood: -53938.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3078 0.038 -60.428 0.000 -2.383 -2.233

MIN -0.4329 0.018 -23.834 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.296 0.000 0.151 0.181

Birth\_year -0.0725 0.009 -8.381 0.000 -0.089 -0.056

dapar\_3gr 0.0573 0.009 6.673 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.267 0.000 0.114 0.148

Israeli 0.2809 0.029 9.580 0.000 0.223 0.338

has\_allele 0.0163 0.105 0.155 0.877 -0.189 0.222

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:15 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3072 0.038 -60.470 0.000 -2.382 -2.232

MIN -0.4329 0.018 -23.832 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.289 0.000 0.151 0.181

Birth\_year -0.0727 0.009 -8.406 0.000 -0.090 -0.056

dapar\_3gr 0.0574 0.009 6.681 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.662 0.000 0.015 0.050

Eshkol\_3gr 0.1314 0.009 15.275 0.000 0.115 0.148

Israeli 0.2808 0.029 9.586 0.000 0.223 0.338

has\_allele -0.0806 0.107 -0.750 0.453 -0.291 0.130

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01415

Time: 11:50:16 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3069 0.038 -60.462 0.000 -2.382 -2.232

MIN -0.4329 0.018 -23.835 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.297 0.000 0.151 0.181

Birth\_year -0.0723 0.009 -8.362 0.000 -0.089 -0.055

dapar\_3gr 0.0573 0.009 6.663 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.661 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.269 0.000 0.114 0.148

Israeli 0.2810 0.029 9.591 0.000 0.224 0.338

has\_allele -0.1339 0.113 -1.184 0.236 -0.356 0.088

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:17 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3078 0.038 -60.469 0.000 -2.383 -2.233

MIN -0.4329 0.018 -23.835 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.296 0.000 0.151 0.181

Birth\_year -0.0724 0.009 -8.376 0.000 -0.089 -0.055

dapar\_3gr 0.0574 0.009 6.675 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.267 0.000 0.114 0.148

Israeli 0.2809 0.029 9.586 0.000 0.223 0.338

has\_allele 0.0280 0.105 0.267 0.790 -0.178 0.234

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01416

Time: 11:50:18 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3069 0.038 -60.463 0.000 -2.382 -2.232

MIN -0.4329 0.018 -23.835 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.289 0.000 0.151 0.181

Birth\_year -0.0728 0.009 -8.418 0.000 -0.090 -0.056

dapar\_3gr 0.0575 0.009 6.691 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.657 0.000 0.015 0.050

Eshkol\_3gr 0.1315 0.009 15.288 0.000 0.115 0.148

Israeli 0.2811 0.029 9.594 0.000 0.224 0.338

has\_allele -0.1524 0.111 -1.375 0.169 -0.369 0.065

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01417

Time: 11:50:19 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3085 0.038 -60.504 0.000 -2.383 -2.234

MIN -0.4330 0.018 -23.839 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.307 0.000 0.151 0.181

Birth\_year -0.0722 0.009 -8.346 0.000 -0.089 -0.055

dapar\_3gr 0.0571 0.009 6.647 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.662 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.257 0.000 0.114 0.148

Israeli 0.2806 0.029 9.578 0.000 0.223 0.338

has\_allele 0.1771 0.099 1.782 0.075 -0.018 0.372

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

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01417

Time: 11:50:20 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3085 0.038 -60.506 0.000 -2.383 -2.234

MIN -0.4329 0.018 -23.836 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.297 0.000 0.151 0.181

Birth\_year -0.0720 0.009 -8.332 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.654 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1311 0.009 15.246 0.000 0.114 0.148

Israeli 0.2804 0.029 9.571 0.000 0.223 0.338

has\_allele 0.1937 0.098 1.979 0.048 0.002 0.386

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

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01415

Time: 11:50:21 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3082 0.038 -60.497 0.000 -2.383 -2.233

MIN -0.4329 0.018 -23.837 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.298 0.000 0.151 0.181

Birth\_year -0.0721 0.009 -8.340 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.661 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.259 0.000 0.114 0.148

Israeli 0.2806 0.029 9.577 0.000 0.223 0.338

has\_allele 0.1304 0.101 1.290 0.197 -0.068 0.329

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

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01417

Time: 11:50:22 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3068 0.038 -60.462 0.000 -2.382 -2.232

MIN -0.4329 0.018 -23.836 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.292 0.000 0.151 0.181

Birth\_year -0.0720 0.009 -8.331 0.000 -0.089 -0.055

dapar\_3gr 0.0570 0.009 6.637 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.657 0.000 0.015 0.050

Eshkol\_3gr 0.1311 0.009 15.240 0.000 0.114 0.148

Israeli 0.2813 0.029 9.601 0.000 0.224 0.339

has\_allele -0.2185 0.125 -1.746 0.081 -0.464 0.027

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

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Logit Regression Results

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

Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01415

Time: 11:50:23 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3081 0.038 -60.496 0.000 -2.383 -2.233

MIN -0.4329 0.018 -23.835 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.299 0.000 0.151 0.181

Birth\_year -0.0722 0.009 -8.355 0.000 -0.089 -0.055

dapar\_3gr 0.0571 0.009 6.647 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.658 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.253 0.000 0.114 0.148

Israeli 0.2805 0.029 9.574 0.000 0.223 0.338

has\_allele 0.1316 0.101 1.301 0.193 -0.067 0.330

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01419

Time: 11:50:24 Log-Likelihood: -53935.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3091 0.038 -60.515 0.000 -2.384 -2.234

MIN -0.4331 0.018 -23.842 0.000 -0.469 -0.397

Age\_BMI 0.1662 0.008 21.304 0.000 0.151 0.181

Birth\_year -0.0718 0.009 -8.307 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.654 0.000 0.040 0.074

Educ\_GE11YN 0.0324 0.009 3.665 0.000 0.015 0.050

Eshkol\_3gr 0.1312 0.009 15.256 0.000 0.114 0.148

Israeli 0.2808 0.029 9.587 0.000 0.223 0.338

has\_allele 0.2436 0.098 2.486 0.013 0.052 0.436

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:25 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3078 0.038 -60.489 0.000 -2.383 -2.233

MIN -0.4329 0.018 -23.836 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.300 0.000 0.151 0.181

Birth\_year -0.0725 0.009 -8.391 0.000 -0.089 -0.056

dapar\_3gr 0.0574 0.009 6.681 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.270 0.000 0.114 0.148

Israeli 0.2805 0.029 9.575 0.000 0.223 0.338

has\_allele 0.0761 0.109 0.696 0.487 -0.138 0.290

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01414

Time: 11:50:26 Log-Likelihood: -53937.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3078 0.038 -60.487 0.000 -2.383 -2.233

MIN -0.4329 0.018 -23.832 0.000 -0.468 -0.397

Age\_BMI 0.1661 0.008 21.291 0.000 0.151 0.181

Birth\_year -0.0726 0.009 -8.395 0.000 -0.090 -0.056

dapar\_3gr 0.0574 0.009 6.677 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.659 0.000 0.015 0.050

Eshkol\_3gr 0.1313 0.009 15.269 0.000 0.114 0.148

Israeli 0.2806 0.029 9.578 0.000 0.223 0.338

has\_allele 0.0504 0.111 0.455 0.649 -0.167 0.267

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01418

Time: 11:50:26 Log-Likelihood: -53935.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3065 0.038 -60.452 0.000 -2.381 -2.232

MIN -0.4330 0.018 -23.842 0.000 -0.469 -0.397

Age\_BMI 0.1661 0.008 21.292 0.000 0.151 0.181

Birth\_year -0.0723 0.009 -8.359 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.655 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.660 0.000 0.015 0.050

Eshkol\_3gr 0.1310 0.009 15.230 0.000 0.114 0.148

Israeli 0.2812 0.029 9.598 0.000 0.224 0.339

has\_allele -0.2511 0.128 -1.963 0.050 -0.502 -0.000

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01417

Time: 11:50:27 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3072 0.038 -60.472 0.000 -2.382 -2.232

MIN -0.4327 0.018 -23.825 0.000 -0.468 -0.397

Age\_BMI 0.1660 0.008 21.287 0.000 0.151 0.181

Birth\_year -0.0731 0.009 -8.447 0.000 -0.090 -0.056

dapar\_3gr 0.0575 0.009 6.692 0.000 0.041 0.074

Educ\_GE11YN 0.0323 0.009 3.661 0.000 0.015 0.050

Eshkol\_3gr 0.1314 0.009 15.279 0.000 0.115 0.148

Israeli 0.2813 0.029 9.600 0.000 0.224 0.339

has\_allele -0.2137 0.124 -1.725 0.085 -0.457 0.029

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

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Logit Regression Results

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Dep. Variable: has\_disease No. Observations: 223016

Model: Logit Df Residuals: 223007

Method: MLE Df Model: 8

Date: Thu, 28 Apr 2022 Pseudo R-squ.: 0.01418

Time: 11:50:28 Log-Likelihood: -53936.

converged: True LL-Null: -54711.

LLR p-value: 0.000

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

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

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

const -2.3062 0.038 -60.440 0.000 -2.381 -2.231

MIN -0.4329 0.018 -23.834 0.000 -0.468 -0.397

Age\_BMI 0.1662 0.008 21.308 0.000 0.151 0.182

Birth\_year -0.0722 0.009 -8.353 0.000 -0.089 -0.055

dapar\_3gr 0.0572 0.009 6.661 0.000 0.040 0.074

Educ\_GE11YN 0.0323 0.009 3.653 0.000 0.015 0.050

Eshkol\_3gr 0.1311 0.009 15.244 0.000 0.114 0.148

Israeli 0.2805 0.029 9.577 0.000 0.223 0.338

has\_allele -0.2517 0.131 -1.920 0.055 -0.509 0.005

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