|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Combined genotype | Control (n = 229) | | Depression (n = 281) | | Crude OR (95% CI)\* | p | Adjusted OR (95% CI)\* | p |
| Number | Frequency | Number | Frequency |
| c.47T>C (p.Val16Ala) – *SOD2* (rs4880) and c.-420-34221G>A – *NOS1* (rs1879417) | | | | | | | | |
| T/T-G/G | 0 | - | 0 | - | - | - | - | - |
| T/T-G/A | 6 | 0.026 | 17 | 0.060 | 2.393 (0.928-6.174) | 0.071 | 2.393 (0.928-6.174) | 0.071 |
| T/T-A/A | 3 | 0.013 | 12 | 0.043 | 3.361 (0.937-12.056) | 0.063 | 3.360 (0.936-12.058) | 0.063 |
| T/C-G/G | 1 | 0.004 | 0 | - | - | - | - | - |
| T/C-G/A | 100 | 0.437 | 127 | 0.452 | 1.049 (0.738-1.490) | 0.791 | 1.049 (0.738-1.492) | 0.788 |
| T/C-A/A | 49 | 0.214 | 43 | 0.153 | 0.664 (0.422-1.044) | 0.076 | 0.664 (0.422-1.044) | 0.076 |
| C/C-G/G | 0 | - | 0 | - | - | - | - | - |
| C/C-G/A | 50 | 0.218 | 60 | 0.214 | 0.972 (0.636-1.485) | 0.895 | 0.971 (0.635-1.485) | 0.892 |
| C/C-A/A | 20 | 0.087 | 22 | 0.078 | 0.888 (0.472-1.671) | 0.712 | 0.887 (0.471-1.670) | 0.710 |
| c.1823C>T (p.Ser608Leu) – *NOS2* (rs2297518) and c.-420-34221G>A – *NOS1*  (rs1879417) | | | | | | | | |
| C/C-G/G | 0 | - | 0 | - | - | - | - | - |
| C/C-G/A | 13 | 0.057 | 7 | 0.249 | 0.424 (0.166-1.082) | 0.073 | 0.422 (0.165-1.078) | 0.071 |
| C/C-A/A | 2 | 0.009 | 7 | 0.249 | 2.900 (0.596-14.096) | 0.187 | 2.914 (0.596-14.242) | 0.186 |
| C/T-G/G | 0 | - | 0 | - | - | - | - | - |
| C/T-G/A | 43 | 0.188 | 54 | 0.192 | 1.029 (0.659-1.606) | 0.900 | 1.029 (0.659-1.606) | 0.900 |
| C/T-A/A | 24 | 0.105 | 24 | 0.085 | 0.798 (0.440-1.446) | 0.456 | 0.798 (0.439-1.449) | 0.458 |
| T/T-G/G | 1 | 0.004 | 0 | - | - | - | - | - |
| T/T-G/A | 100 | 0.437 | 143 | 0.509 | 1.337 (0.941-1.898) | 0.105 | 1.337 (0.942-1.899) | 0.104 |
| T/T-A/A | 46 | 0.201 | 46 | 0.164 | 0.779 (0.496-1.224) | 0.278 | 0.778 (0.495-1.223) | 0.277 |
| c.-420-34221G>A – *NOS1*(rs1879417) and c.-227G>C – *NOS2* (rs10459953) | | | | | | | | |
| C/C-C/C | 0 | - | 0 | - | - | - | - | - |
| C/C-C/G | 1 | 0.004 | 0 | - | - | - | - | - |
| C/C-G/G | 0 | - | 0 | - | - | - | - | - |
| C/T-C/C | 23 | 0.100 | 32 | 0.114 | 1.151 (0.653-2.029) | 0.627 | 1.152 (0.653-2.030) | 0.625 |
| C/T-C/G | 78 | 0.341 | 89 | 0.317 | 0.897 (0.619-1.301) | 0.568 | 0.897 (0.619-1.301) | 0.568 |
| C/T-G/G | 55 | 0.0.240 | 83 | 0.295 | 1.326 (0.892-1.972) | 0.163 | 1.326 (0.891-1.973) | 0.164 |
| T/T-C/C | 14 | 0.061 | 11 | 0.039 | 0.626 (0.278-1.406) | 0.256 | 0.626 (0.278-1.406) | 0.256 |
| T/T-C/G | 35 | 0.153 | 31 | 0.110 | 0.687 (0.409-1.154) | 0.156 | 0.687 (0.409-1.154) | 0.156 |
| T/T-G/G | 23 | 0.100 | 35 | 0.125 | 1.274 (0.730-2.226) | 0.394 | 1.274 (0.730-2.226) | 0.394 |