* Demographic results
* Age

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | N | Mean | SD | p-value |
| Schizophrenia | 101 | 39.85 | 11.727 | 0.265 |
| Healthy controls | 102 | 38.18 | 9.336 |

* Gender

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Male | Female | Total | df | p-value |
| Schizophrenia | 58 (57%) | 43 (44%) | 101 (100%) | 1 | 0.672 |
| Healthy controls | 55 (53%) | 47 (47%) | 102 (100%) |

* HWE calculation

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | rs1006737 | | | Total | Chi-square score | df | HWE p-value |
| GG | AG | AA |
| Schizophrenia | 84 (83%) | 8 (7%) | 9 (8%) | 101 (100%) | 42.2603 | 1 | 0.00001 |
| Healthy controls | 77 (75%) | 14 (14%) | 11 (11%) | 102 (100%) | 28.412 | 1 | 0.00001 |

* Allele frequency comparison

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | rs1006737 | | Total | Chi-square score | df | p-value |
| A | G |
| Schizophrenia | 26 | 176 | 202 | 1.7891 | 1 | 0.181031 |
| Healthy controls | 36 | 168 | 204 |

* Genotype comparison between cases and controls

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | rs2007044 | | | Total | Chi-square score | df | HWE p-value |
| GG | AG | AA |
| Schizophrenia | 84 (83%) | 8 (7%) | 9 (8%) | 101 (100%) | 2.136 | 2 | 0.343723 |
| Healthy controls | 77 (75%) | 14 (14%) | 11 (11%) | 102 (100%) |

* Genotype comparison between gender

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | Gender | | Chi-square score | df | p-value |
| Males | Females |
| Schizophrenia | GG | 48 (82%) | 36 (84%) | 0.497537 | 2 | 0.779760 |
| AG | 4 (7%) | 4 (9%) |
| AA | 6 (11%) | 3 (7%) |
| Healthy controls | GG | 43 (78%) | 34 (72%) | 5.301264 | 2 | 0.070607 |
| AG | 4 (7%) | 10 (21%) |
| AA | 8 (15%) | 3 (7%) |
| Total | GG | 91 (80%) | 70 (78%) | 5.034207 | 2 | 0.080693 |
| AG | 8 (7%) | 14 (15%) |
| AA | 14 (13%) | 6 (7%) |