Chi Square Tests

| trial | R | min\_maf | Χ2 | df | p |
| --- | --- | --- | --- | --- | --- |
| 1 | 0.0076 | 0 | 14,514.000 | 14,280 | 0.084 |
| 2 | 0.01 | 0 | 14,175.750 | 13,806 | 0.014 |
| 3 | 0.25 | 0 | 13,571.000 | 12,995 | <0.001 |
| 4 | 0.5 | 0 | 14,145.000 | 13,804 | 0.021 |
| 5 | 0.75 | 0 | 13,837.500 | 13,340 | 0.001 |
| 6 | 1 | 0 | 8,275.167 | 5,451 | <0.001 |
| 7 | 0.0076 | 0.05 | 14,637.000 | 14,399 | 0.081 |
| 8 | 0.01 | 0.05 | 14,760.000 | 14,520 | 0.08 |
| 9 | 0.25 | 0.05 | 14,883.000 | 14,762 | 0.24 |
| 10 | 0.5 | 0.05 | 15,006.000 | 14,884 | 0.239 |
| 11 | 0.75 | 0.05 | 14,514.000 | 14,161 | 0.019 |
| 12 | 1 | 0.05 | 7,134.000 | 4,425 | <0.001 |
| 13 | 0.0038 | 0.05 | 14,760.000 | 14,640 | 0.241 |