| overlap | variance of test statistics | | false positive rate per SNP | | # false positives per study | |
|---|---|---|---|---|---|---|
| | mean (s.e.m.) | max | mean (s.e.m.) | max | mean (s.e.m.) | max |
| **100%** | | | | | | |
| all null-SNPs | 1.74e+00 (6.16e-04) | 1.76E+00 | 3.94e-03 (1.60e-05) | 3.94e-03 (1.60e-05) | 6.65e+02 (2.71e+00) | 6.65e+02 (2.71e+00) |
| null-SNPs not used in PRS | 9.79e-01 (3.25e-04) | 9.89E-01 | 6.24e-08 (6.24e-08) | 6.24e-08 (6.24e-08) | 1.00e-02 (1.00e-02) | 1.00e-02 (1.00e-02) |
| null-SNPs used in PRS | 1.61e+01 (1.43e-02) | 1.65E+01 | 7.87e-02 (3.56e-04) | 7.87e-02 (3.56e-04) | 6.65e+02 (2.71e+00) | 6.65e+02 (2.71e+00) |
| **50%** | | | | | | |
| all null-SNPs | 1.70e+00 (6.36e-04) | 1.72E+00 | 3.21e-03 (1.59e-05) | 3.21e-03 (1.59e-05) | 5.42e+02 (2.68e+00) | 5.42e+02 (2.68e+00) |
| null-SNPs not used in PRS | 9.94e-01 (3.19e-04) | 1.00E+00 | 6.24e-08 (6.24e-08) | 6.24e-08 (6.24e-08) | 1.00e-02 (1.00e-02) | 1.00e-02 (1.00e-02) |
| null-SNPs used in PRS | 1.50e+01 (1.49e-02) | 1.54E+01 | 6.41e-02 (3.48e-04) | 6.41e-02 (3.48e-04) | 5.42e+02 (2.68e+00) | 5.42e+02 (2.68e+00) |
| **0%** | | | | | | |
| all null-SNPs | 1.64e+00 (6.05e-04) | 1.66E+00 | 2.42e-03 (1.22e-05) | 2.42e-03 (1.22e-05) | 4.08e+02 (2.06e+00) | 4.08e+02 (2.06e+00) |
| null-SNPs not used in PRS | 1.00e+00 (3.80e-04) | 1.01E+00 | 6.23e-08 (6.23e-08) | 6.23e-08 (6.23e-08) | 1.00e-02 (1.00e-02) | 1.00e-02 (1.00e-02) |
| null-SNPs used in PRS | 1.38e+01 (1.42e-02) | 1.41E+01 | 4.83e-02 (2.70e-04) | 4.83e-02 (2.70e-04) | 4.08e+02 (2.07e+00) | 4.08e+02 (2.07e+00) |