Fishers method tables and plots

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Table 1: RPE- Power of Fisher's method given large sample sizes for varying δ and true # of non-null effects (i.e. "Best-case scenario")

| # of false negatives | $\delta = 0.2$ | $\delta = 0.5$ | $\delta = 0.8$ |
|----------------------|----------------|----------------|----------------|
| 1 | 0.0946 | 0.1873 | 0.2029 |
| 2 | 0.1520 | 0.4430 | 0.5192 |
| 3 | 0.2020 | 0.6824 | 0.8294 |
| 4 | 0.2538 | 0.8467 | 0.9630 |
| 5 | 0.3068 | 0.9361 | 0.9950 |
| 6 | 0.3610 | 0.9749 | 1.0000 |
| 7 | 0.3993 | 0.9894 | 1.0000 |

Table 2: RPP- Power of Fisher's method given large sample sizes for varying δ and true # of non-null effects (i.e. "Best-case scenario")

| # of false negatives | $\delta = 0.2$ | $\delta = 0.5$ | $\delta = 0.8$ |
|----------------------|----------------|----------------|----------------|
| 1 | 0.0819 | 0.0848 | 0.0920 |
| 2 | 0.1285 | 0.1382 | 0.1568 |
| 3 | 0.1846 | 0.2135 | 0.2484 |
| 4 | 0.2151 | 0.3044 | 0.3650 |
| 5 | 0.2511 | 0.4111 | 0.4936 |
| 6 | 0.2850 | 0.5191 | 0.6266 |
| 13 | 0.5159 | 0.9667 | 0.9969 |
| 19 | 0.6536 | 0.9989 | 1.0000 |
| 26 | 0.7709 | 1.0000 | 1.0000 |
| 32 | 0.8290 | 1.0000 | 1.0000 |
| 38 | 0.8672 | 1.0000 | 1.0000 |
| 45 | 0.9000 | 1.0000 | 1.0000 |
| 51 | 0.9148 | 1.0000 | 1.0000 |
| 58 | 0.9243 | 1.0000 | 1.0000 |
| 64 | 0.9297 | 1.0000 | 1.0000 |
| | | | |

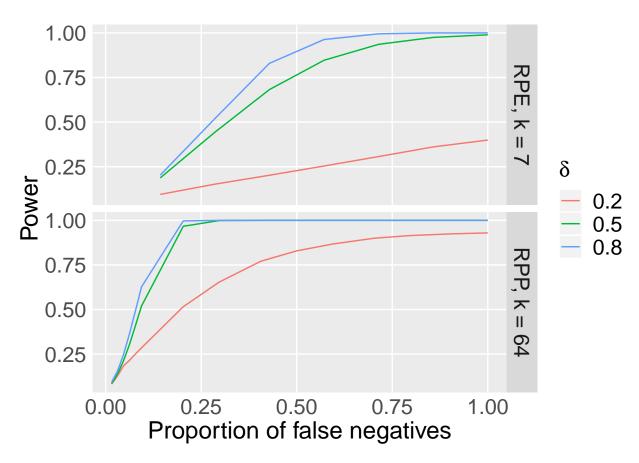


Figure 1: Power of Fisher's method, best-case scenario using RPE and RPP sample sizes

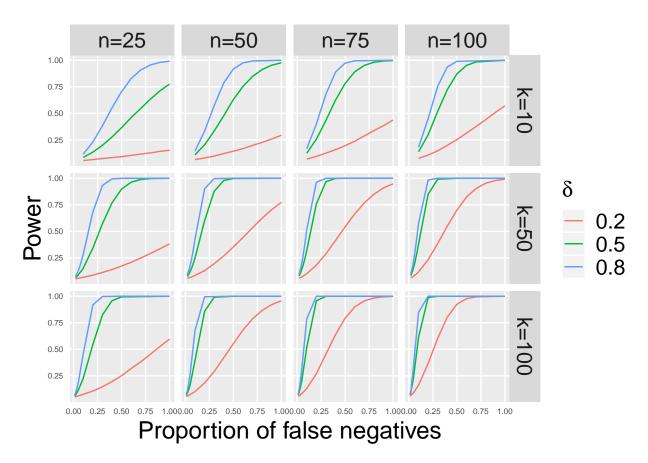


Figure 2: Power of Fisher's method, general case