|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | TP | FP*CL* | FP*V* | FP*Q* |
| Scenario 1 |  |  |  |  |
| Step. Proc. | 30.5 [24.5-37.1] | 0.01000 [0.00270-0.03570] | 0.00470 [0.00080-0.02720] | 0.00330 [0.00040-0.02480] |
| Lasso | 28.3 [22.5-34.9] | 0.00470 [0.00080-0.02720] | 0.00400 [0.00060-0.02610] | 0.00000 [0.00000-0.01884] |
| HLasso | 27.9 [22.1-34.5] | 0.00270 [0.00030-0.02380] | 0.00470 [0.00080-0.02720] | 0.00060 [0.00001-0.02000] |
| Scenario 2 |  |  |  |  |
| Step. Proc. | 61.3 [54.3-67.7] | 0.02350 [0.00980-0.05510] | 0.00640 [0.00130-0.03000] | 0.00290 [0.00030-0.02420] |
| Lasso | 60.1 [53.2-66.6] | 0.00700 [0.00150-0.03100] | 0.00230 [0.00020-0.02310] | 0.00000 [0.00000-0.01884] |
| HLasso | 60.0 [53.1-66.5] | 0.00870 [0.00220-0.03370] | 0.00350 [0.00040-0.02520] | 0.00000 [0.00000-0.01884] |
| Scenario 3 |  |  |  |  |
| Step. Proc. | 66.4 [59.5-72.5] | 0.01190 [0.00360-0.03860] | 0.00460 [0.00070-0.02710] | 0.01430 [0.00480-0.04210] |
| Lasso | 72.7 [66.1-72.7] | 0.00130 [0.00007-0.02130] | 0.00850 [0.00210-0.03340] | 0.01410 [0.00470-0.04180] |
| HLasso | 73.7 [67.1-79.3] | 0.00000 [0.00000-0.01884] | 0.00650 [0.00140-0.00650] | 0.01580 [0.04430-0.00550] |

Table 3 True and false positive (TP and FP) rate estimates (%) and their 95% conﬁdence intervals for the three methods on each scenario; TP = SNP in r2 *≥* 0.05 with a causal variant (Supplementary table, related to Figure 2)