



q=0.05

Active N(6,1); Inactive N(0,1); Error N(0,1)

Averages: for all effects

Sensitivity = 0.6424806 (1000)
Specificity = 0.9856822 (1000)
sPPV = 0.744096 (722)
sNPV = 0.9838866 (1000)



FDR = 0.255904 (722)
FNPV = 0.01611338 (1000)
Type I = 0.01431776 (1000)
Type II = 0.3575194 (1000)

No. of effects in true model = 2.52
No. of effects deemed active = 2.394

Averages: for main effects

Sensitivity = 0.7704604 (782)
Specificity = 0.9346127 (1000)
sPPV = 0.6468324 (684)
sNPV = 0.9748587 (1000)

FDR = 0.3531676 (684)
FNPV = 0.02514127 (1000)
Type I = 0.0653873 (1000)
Type II = 0.2295396 (782)

No. of effects in true model = 1
No. of effects deemed active = 1.337

Averages: for interactions

Sensitivity = 0.5830969 (856)
Specificity = 0.9961866 (1000)
sPPV = 0.8890494 (549)
sNPV = 0.9859644 (1000)

FDR = 0.1109506 (549)
FNPV = 0.01403560 (1000)
Type I = 0.003813428 (1000)
Type II = 0.4169031 (856)

No. of effects in true model = 1.52
No. of effects deemed active = 1.057

Active N(12,4); Inactive N(0,1); Error N(0,1)

Averages: for all effects

Sensitivity = 0.943617 (1000)
Specificity = 0.9880582 (1000)
sPPV = 0.8112606 (966)
sNPV = 0.9975072 (1000)



FDR = 0.1887394 (966)
FNPV = 0.002492846 (1000)
Type I = 0.01194178 (1000)
Type II = 0.05638294 (1000)

No. of effects in true model = 2.57
No. of effects deemed active = 3.068

Averages: for main effects

Sensitivity = 0.9924828 (776)

Specificity = 0.9381571 (1000)
sPPV = 0.6868955 (903)
sNPV = 0.9990944 (1000)

FDR = 0.3131045 (903)
FNPV = 0.0009055556 (1000)
Type I = 0.06184286 (1000)
Type II = 0.007517182 (776)

No. of effects in true model = 0.989
No. of effects deemed active = 1.547

Averages: for interactions
Sensitivity = 0.9287588 (864)
Specificity = 0.99856 (1000)
sPPV = 0.9708542 (829)
sNPV = 0.9971964 (1000)

FDR = 0.02914584 (829)
FNPV = 0.002803643 (1000)
Type I = 0.001440005 (1000)
Type II = 0.07124118 (864)

No. of effects in true model = 1.581
No. of effects deemed active = 1.521

Active N(24,4); Inactive N(0,1); Error N(0,1)

Averages: for all effects
Sensitivity = 0.9427372 (1000)
Specificity = 0.995348 (1000)
sPPV = 0.921505 (976)
sNPV = 0.9967816 (1000)



FDR = 0.07849499 (976)
FNPV = 0.003218408 (1000)
Type I = 0.004651944 (1000)
Type II = 0.05726277 (1000)

No. of effects in true model = 2.465
No. of effects deemed active = 2.541

Averages: for main effects
Sensitivity = 0.9962222 (750)
Specificity = 0.976346 (1000)
sPPV = 0.845982 (813)
sNPV = 0.9993194 (1000)

FDR = 0.1540180 (813)
FNPV = 0.0006805556 (1000)
Type I = 0.02365397 (1000)
Type II = 0.003777778 (750)

No. of effects in true model = 0.935
No. of effects deemed active = 1.145

Averages: for interactions
Sensitivity = 0.9168984 (863)
Specificity = 0.9993425 (1000)
sPPV = 0.9898744 (819)
sNPV = 0.9962951 (1000)

FDR = 0.01012559 (819)
FNPV = 0.003704891 (1000)

Type I = 0.0006574572 (1000)
Type II = 0.08310158 (863)

No. of effects in true model = 1.53
No. of effects deemed active = 1.396

Active N(24,4); Inactive N(0,16); Error N(0,1)

Averages: for all effects
Sensitivity = 0.7136137 (1000)
Specificity = 0.9765121 (1000)
sPPV = 0.6805657 (777)
sNPV = 0.9879649 (1000)



FDR = 0.3194343 (777)
FNPV = 0.01203510 (1000)
Type I = 0.02348786 (1000)
Type II = 0.2863863 (1000)

No. of effects in true model = 2.443
No. of effects deemed active = 3.026

Averages: for main effects
Sensitivity = 0.858235 (763)
Specificity = 0.9105437 (1000)
sPPV = 0.6030981 (757)
sNPV = 0.9855889 (1000)

FDR = 0.3969019 (757)
FNPV = 0.01441111 (1000)
Type I = 0.08945635 (1000)
Type II = 0.1417650 (763)

No. of effects in true model = 0.953
No. of effects deemed active = 1.616

Averages: for interactions
Sensitivity = 0.6535112 (837)
Specificity = 0.9901313 (1000)
sPPV = 0.8071076 (614)
sNPV = 0.9885762 (1000)

FDR = 0.1928924 (614)
FNPV = 0.01142378 (1000)
Type I = 0.009868713 (1000)
Type II = 0.3464888 (837)

No. of effects in true model = 1.49
No. of effects deemed active = 1.41

q=0.01



Active N(6,1); Inactive N(0,1); Error N(0,1)

Averages: for all effects

Sensitivity = 0.6619533 (1000)
Specificity = 0.9826435 (1000)
sPPV = 0.7338494 (761)
sNPV = 0.9780667 (1000)



FDR = 0.2661506 (761)
FNPV = 0.02193326 (1000)
Type I = 0.01735652 (1000)
Type II = 0.3380467 (1000)

No. of effects in true model = 3.159
No. of effects deemed active = 2.877

Averages: for main effects

Sensitivity = 0.754176 (894)
Specificity = 0.9252841 (1000)
sPPV = 0.667873 (750)
sNPV = 0.9628337 (1000)

FDR = 0.332127 (750)
FNPV = 0.03716627 (1000)
Type I = 0.07471587 (1000)
Type II = 0.245824 (894)

No. of effects in true model = 1.336
No. of effects deemed active = 1.629

Averages: for interactions

Sensitivity = 0.5763987 (829)
Specificity = 0.9941563 (1000)
sPPV = 0.8429097 (559)
sNPV = 0.9814527 (1000)

FDR = 0.1570903 (559)
FNPV = 0.01854728 (1000)
Type I = 0.005843658 (1000)
Type II = 0.4236013 (829)

No. of effects in true model = 1.823
No. of effects deemed active = 1.248

Active N(12,4); Inactive N(0,1); Error N(0,1)

Averages: for all effects

Sensitivity = 0.9544393 (1000)
Specificity = 0.9891772 (1000)
sPPV = 0.8518766 (987)
sNPV = 0.996077 (1000)



FDR = 0.1481234 (987)
FNPV = 0.003922994 (1000)
Type I = 0.01082276 (1000)
Type II = 0.04556073 (1000)

No. of effects in true model = 3.275
No. of effects deemed active = 3.635

Averages: for main effects

Sensitivity = 0.9922001 (906)

Specificity = 0.9451464 (1000)
sPPV = 0.7825559 (954)
sNPV = 0.9980726 (1000)

FDR = 0.2174441 (954)
FNPV = 0.001927381 (1000)
Type I = 0.05485357 (1000)
Type II = 0.007799853 (906)

No. of effects in true model = 1.404
No. of effects deemed active = 1.862

Averages: for interactions
Sensitivity = 0.9301796 (837)
Specificity = 0.9979824 (1000)
sPPV = 0.9624866 (813)
sNPV = 0.995752 (1000)

FDR = 0.03751342 (813)
FNPV = 0.004247938 (1000)
Type I = 0.002017571 (1000)
Type II = 0.06982041 (837)

No. of effects in true model = 1.871
No. of effects deemed active = 1.773

Active N(24,4); Inactive N(0,1); Error N(0,1)

Averages: for all effects
Sensitivity = 0.9591928 (1000)
Specificity = 0.9958357 (1000)
sPPV = 0.939533 (993)
sNPV = 0.996565 (1000)



FDR = 0.06046692 (993)
FNPV = 0.003435016 (1000)
Type I = 0.004164269 (1000)
Type II = 0.04080722 (1000)

No. of effects in true model = 3.175
No. of effects deemed active = 3.214

Averages: for main effects
Sensitivity = 0.9935185 (900)
Specificity = 0.9796028 (1000)
sPPV = 0.904552 (930)
sNPV = 0.9986944 (1000)

FDR = 0.09544803 (930)
FNPV = 0.001305556 (1000)
Type I = 0.02039722 (1000)
Type II = 0.006481481 (900)

No. of effects in true model = 1.368
No. of effects deemed active = 1.534

Averages: for interactions
Sensitivity = 0.934034 (836)
Specificity = 0.9991185 (1000)
sPPV = 0.9853913 (811)
sNPV = 0.9962068 (1000)

FDR = 0.01460865 (811)
FNPV = 0.003793175 (1000)

Type I = 0.0008815125 (1000)
Type II = 0.06596605 (836)

No. of effects in true model = 1.807
No. of effects deemed active = 1.68

Active N(24,4); Inactive N(0,16); Error N(0,1)

Averages: for all effects
Sensitivity = 0.766578 (1000)
Specificity = 0.9748058 (1000)
sPPV = 0.7042903 (838)
sNPV = 0.9858344 (1000)



FDR = 0.2957097 (838)
FNPV = 0.01416563 (1000)
Type I = 0.02519421 (1000)
Type II = 0.2334219 (1000)

No. of effects in true model = 3.165
No. of effects deemed active = 3.713

Averages: for main effects
Sensitivity = 0.8494363 (887)
Specificity = 0.9056468 (1000)
sPPV = 0.6583071 (818)
sNPV = 0.978508 (1000)

FDR = 0.3416929 (818)
FNPV = 0.02149206 (1000)
Type I = 0.09435317 (1000)
Type II = 0.1505637 (887)

No. of effects in true model = 1.379
No. of effects deemed active = 1.983

Averages: for interactions
Sensitivity = 0.7122087 (846)
Specificity = 0.988563 (1000)
sPPV = 0.7867773 (694)
sNPV = 0.9875924 (1000)

FDR = 0.2132227 (694)
FNPV = 0.01240756 (1000)
Type I = 0.01143691 (1000)
Type II = 0.2877913 (846)

No. of effects in true model = 1.786
No. of effects deemed active = 1.73

q=0.015



Active N(6,1); Inactive N(0,1); Error N(0,1)

Averages: for all effects

Sensitivity = 0.6597003 (1000)
Specificity = 0.983135 (1000)
sPPV = 0.7773522 (765)
sNPV = 0.9713651 (1000)



FDR = 0.2226478 (765)
FNPV = 0.02863485 (1000)
Type I = 0.01686496 (1000)
Type II = 0.3402997 (1000)

No. of effects in true model = 4.026
No. of effects deemed active = 3.343

Averages: for main effects

Sensitivity = 0.7297245 (956)
Specificity = 0.9292159 (1000)
sPPV = 0.7382245 (755)
sNPV = 0.9438802 (1000)

FDR = 0.2617755 (755)
FNPV = 0.05611984 (1000)
Type I = 0.07078413 (1000)
Type II = 0.2702755 (956)

No. of effects in true model = 1.788
No. of effects deemed active = 1.827

Averages: for interactions

Sensitivity = 0.5974037 (879)
Specificity = 0.9933794 (1000)
sPPV = 0.868307 (606)
sNPV = 0.9774237 (1000)

FDR = 0.131693 (606)
FNPV = 0.02257627 (1000)
Type I = 0.006620624 (1000)
Type II = 0.4025963 (879)

No. of effects in true model = 2.238
No. of effects deemed active = 1.516

Active N(12,4); Inactive N(0,1); Error N(0,1)

Averages: for all effects

Sensitivity = 0.9571212 (1000)
Specificity = 0.989631 (1000)
sPPV = 0.8766682 (992)
sNPV = 0.9950576 (1000)



FDR = 0.1233318 (992)
FNPV = 0.004942433 (1000)
Type I = 0.01036899 (1000)
Type II = 0.04287884 (1000)

No. of effects in true model = 3.942
No. of effects deemed active = 4.22

Averages: for main effects

Sensitivity = 0.9867804 (967)

Specificity = 0.9482841 (1000)
sPPV = 0.8307313 (980)
sNPV = 0.9956254 (1000)

FDR = 0.1692687 (980)
FNPV = 0.004374603 (1000)
Type I = 0.05171587 (1000)
Type II = 0.01321958 (967)

No. of effects in true model = 1.789
No. of effects deemed active = 2.181

Averages: for interactions
Sensitivity = 0.9319308 (859)
Specificity = 0.9976249 (1000)
sPPV = 0.9634147 (846)
sNPV = 0.9950168 (1000)

FDR = 0.03658533 (846)
FNPV = 0.004983177 (1000)
Type I = 0.002375126 (1000)
Type II = 0.06806918 (859)

No. of effects in true model = 2.153
No. of effects deemed active = 2.039

Active N(24,4); Inactive N(0,1); Error N(0,1)

Averages: for all effects
Sensitivity = 0.964182 (1000)
Specificity = 0.9948465 (1000)
sPPV = 0.9435094 (998)
sNPV = 0.995646 (1000)



FDR = 0.05649055 (998)
FNPV = 0.004353989 (1000)
Type I = 0.0051535 (1000)
Type II = 0.03581802 (1000)

No. of effects in true model = 3.919
No. of effects deemed active = 3.961

Averages: for main effects
Sensitivity = 0.9965023 (953)
Specificity = 0.976525 (1000)
sPPV = 0.9217329 (965)
sNPV = 0.9987183 (1000)

FDR = 0.07826713 (965)
FNPV = 0.001281746 (1000)
Type I = 0.023475 (1000)
Type II = 0.003497726 (953)

No. of effects in true model = 1.755
No. of effects deemed active = 1.934

Averages: for interactions
Sensitivity = 0.938555 (871)
Specificity = 0.9983163 (1000)
sPPV = 0.9819849 (859)
sNPV = 0.9951678 (1000)

FDR = 0.01801513 (859)
FNPV = 0.004832213 (1000)

Type I = 0.001683699 (1000)
Type II = 0.06144506 (871)

No. of effects in true model = 2.164
No. of effects deemed active = 2.027

Active N(24,4); Inactive N(0,16); Error N(0,1)

Averages: for all effects

Sensitivity = 0.7759473 (1000)
Specificity = 0.9737466 (1000)
sPPV = 0.7292579 (860)
sNPV = 0.9789421 (1000)



FDR = 0.2707421 (860)
FNPV = 0.02105787 (1000)
Type I = 0.0262534 (1000)
Type II = 0.2240527 (1000)

No. of effects in true model = 4.012
No. of effects deemed active = 4.233

Averages: for main effects

Sensitivity = 0.8345537 (956)
Specificity = 0.9055738 (1000)
sPPV = 0.7036218 (850)
sNPV = 0.9626433 (1000)

FDR = 0.2963782 (850)
FNPV = 0.03735675 (1000)
Type I = 0.09442619 (1000)
Type II = 0.1654463 (956)

No. of effects in true model = 1.798
No. of effects deemed active = 2.23

Averages: for interactions

Sensitivity = 0.7140238 (859)
Specificity = 0.9869563 (1000)
sPPV = 0.7894115 (710)
sNPV = 0.982615 (1000)

FDR = 0.2105885 (710)
FNPV = 0.01738509 (1000)
Type I = 0.01304372 (1000)
Type II = 0.2859762 (859)

No. of effects in true model = 2.214
No. of effects deemed active = 2.003

q=0.2

Active N(6,1); Inactive N(0,1); Error N(0,1)

Averages: for all effects

Sensitivity = 0.6824538 (1000)
Specificity = 0.9811426 (1000)
sPPV = 0.7899069 (809)
sNPV = 0.9659189 (1000)



FDR = 0.2100931 (809)
FNPV = 0.03408114 (1000)
Type I = 0.01885740 (1000)
Type II = 0.3175462 (1000)

No. of effects in true model = 4.897
No. of effects deemed active = 4.027

Averages: for main effects

Sensitivity = 0.7591016 (970)
Specificity = 0.9198659 (1000)
sPPV = 0.759888 (804)
sNPV = 0.9354659 (1000)

FDR = 0.2401119 (804)
FNPV = 0.06453413 (1000)
Type I = 0.08013413 (1000)
Type II = 0.2408984 (970)

No. of effects in true model = 2.209
No. of effects deemed active = 2.23

Averages: for interactions

Sensitivity = 0.6038015 (902)
Specificity = 0.99238 (1000)
sPPV = 0.8521635 (657)
sNPV = 0.972588 (1000)

FDR = 0.1478365 (657)
FNPV = 0.02741199 (1000)
Type I = 0.007620093 (1000)
Type II = 0.3961985 (902)

No. of effects in true model = 2.688
No. of effects deemed active = 1.797

Active N(12,4); Inactive N(0,1); Error N(0,1)

Averages: for all effects

Sensitivity = 0.9486593 (1000)
Specificity = 0.988754 (1000)
sPPV = 0.8884461 (985)
sNPV = 0.9919418 (1000)



FDR = 0.1115539 (985)
FNPV = 0.008058203 (1000)
Type I = 0.01124601 (1000)
Type II = 0.05134072 (1000)

No. of effects in true model = 4.964
No. of effects deemed active = 5.116

Averages: for main effects

Sensitivity = 0.9802243 (981)

Specificity = 0.943483 (1000)
sPPV = 0.8451991 (977)
sNPV = 0.9918143 (1000)

FDR = 0.1548009 (977)
FNPV = 0.008185714 (1000)
Type I = 0.05651706 (1000)
Type II = 0.01977574 (981)

No. of effects in true model = 2.229
No. of effects deemed active = 2.601

Averages: for interactions
Sensitivity = 0.9230882 (908)
Specificity = 0.9971133 (1000)
sPPV = 0.965539 (885)
sNPV = 0.9921068 (1000)

FDR = 0.03446103 (885)
FNPV = 0.007893186 (1000)
Type I = 0.002886677 (1000)
Type II = 0.07691182 (908)

No. of effects in true model = 2.735
No. of effects deemed active = 2.515

Active N(24,4); Inactive N(0,1); Error N(0,1)

Averages: for all effects
Sensitivity = 0.9559784 (1000)
Specificity = 0.9939793 (1000)
sPPV = 0.9510834 (994)
sNPV = 0.9926118 (1000)



FDR = 0.04891663 (994)
FNPV = 0.007388199 (1000)
Type I = 0.006020731 (1000)
Type II = 0.04402162 (1000)

No. of effects in true model = 4.738
No. of effects deemed active = 4.666

Averages: for main effects
Sensitivity = 0.9891709 (985)
Specificity = 0.9752679 (1000)
sPPV = 0.9386383 (985)
sNPV = 0.9955452 (1000)

FDR = 0.0613617 (985)
FNPV = 0.004454762 (1000)
Type I = 0.02473214 (1000)
Type II = 0.01082910 (985)

No. of effects in true model = 2.159
No. of effects deemed active = 2.304

Averages: for interactions
Sensitivity = 0.9255967 (886)
Specificity = 0.997339 (1000)
sPPV = 0.974669 (875)
sNPV = 0.9923206 (1000)

FDR = 0.02533107 (875)
FNPV = 0.007679407 (1000)

Type I = 0.002660902 (1000)
Type II = 0.07440334 (886)

No. of effects in true model = 2.579
No. of effects deemed active = 2.362

Active N(24,4); Inactive N(0,16); Error N(0,1)

Averages: for all effects

Sensitivity = 0.7515452 (1000)
Specificity = 0.9760634 (1000)
sPPV = 0.7666635 (851)
sNPV = 0.974047 (1000)



FDR = 0.2333365 (851)
FNPV = 0.02595308 (1000)
Type I = 0.02393661 (1000)
Type II = 0.2484548 (1000)

No. of effects in true model = 4.804
No. of effects deemed active = 4.629

Averages: for main effects

Sensitivity = 0.8134387 (981)
Specificity = 0.9077944 (1000)
sPPV = 0.7468755 (847)
sNPV = 0.9518147 (1000)

FDR = 0.2531245 (847)
FNPV = 0.04818532 (1000)
Type I = 0.09220556 (1000)
Type II = 0.1865613 (981)

No. of effects in true model = 2.2
No. of effects deemed active = 2.466

Averages: for interactions

Sensitivity = 0.6921134 (898)
Specificity = 0.9886063 (1000)
sPPV = 0.8129468 (722)
sNPV = 0.9790271 (1000)

FDR = 0.1870532 (722)
FNPV = 0.0209729 (1000)
Type I = 0.01139374 (1000)
Type II = 0.3078866 (898)

No. of effects in true model = 2.604
No. of effects deemed active = 2.163