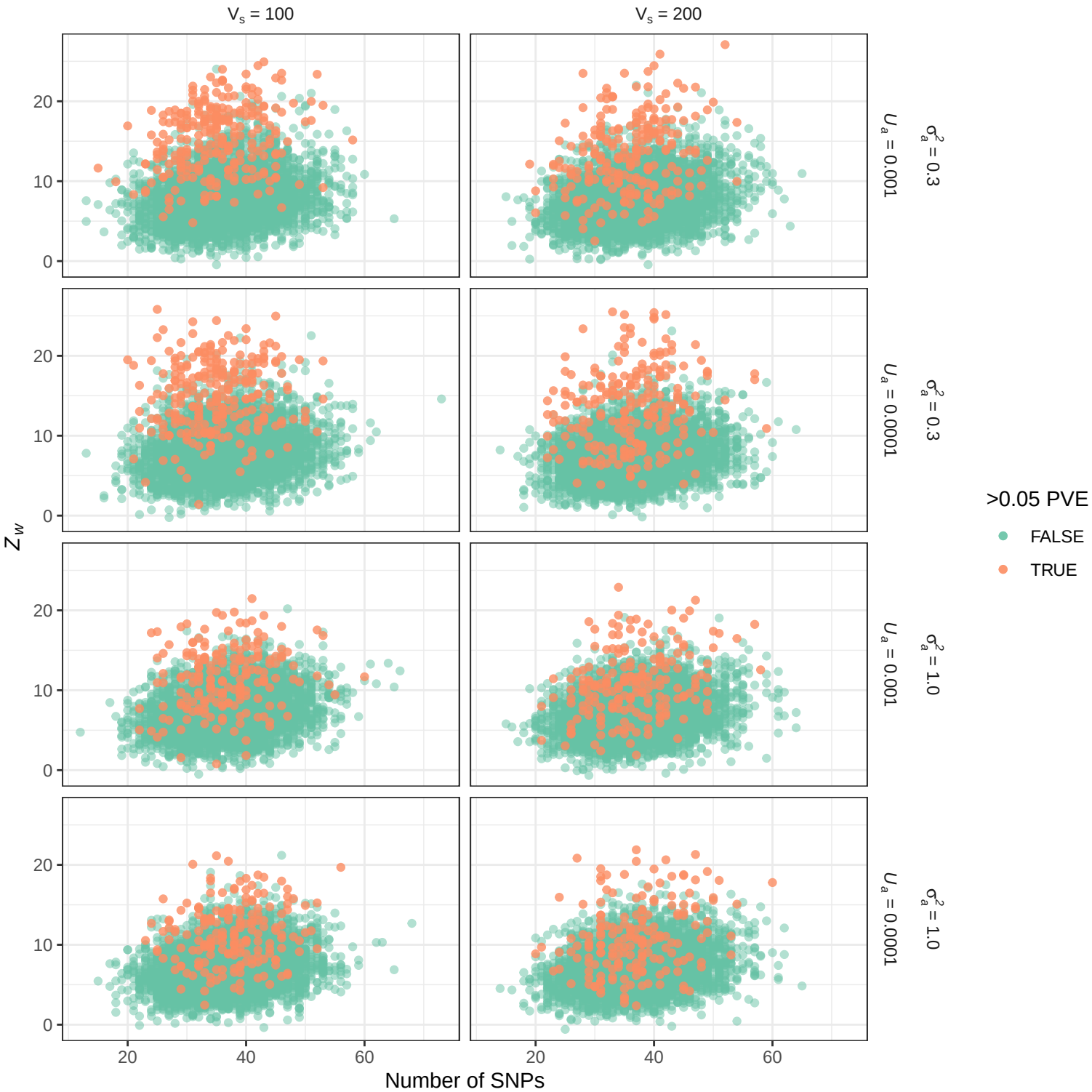
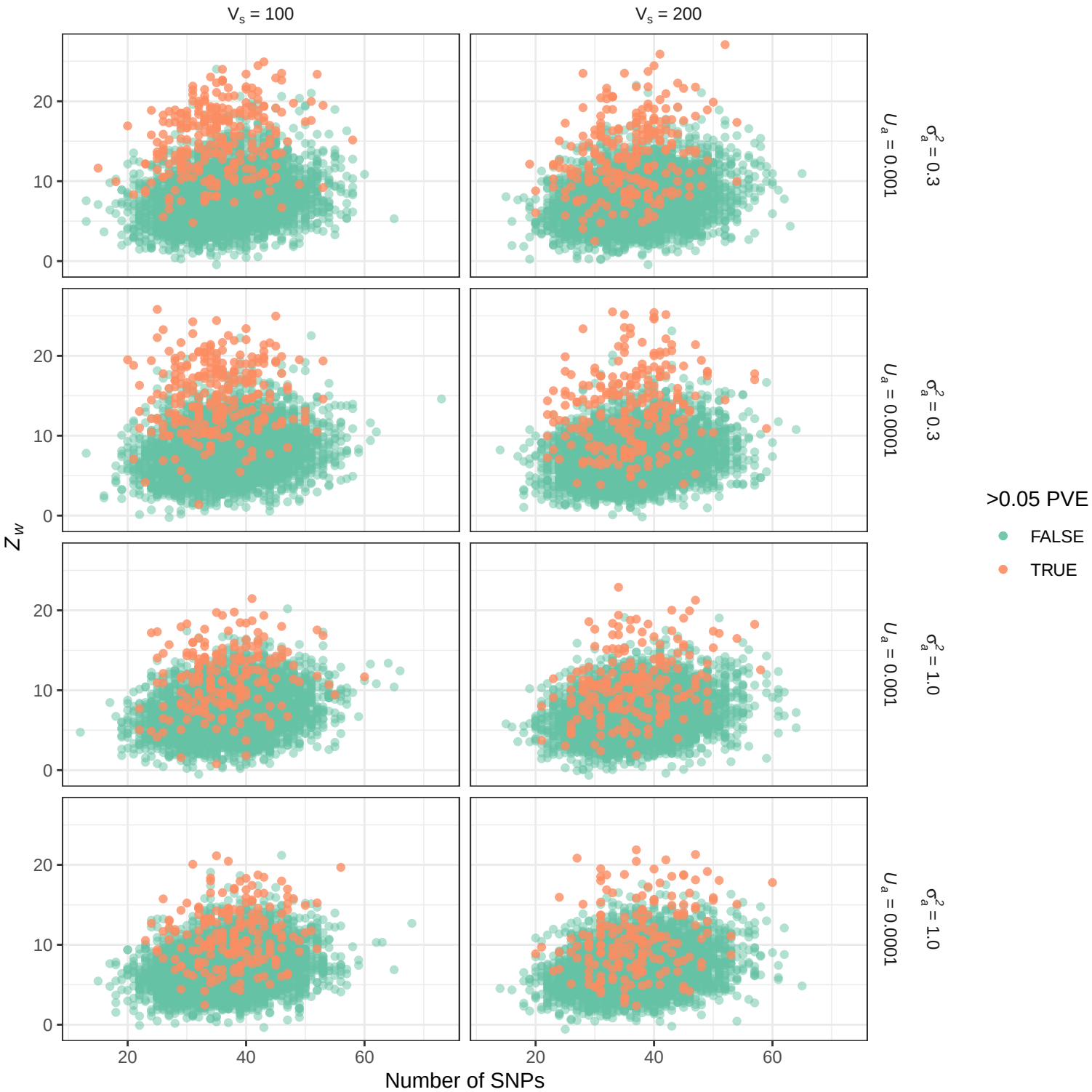
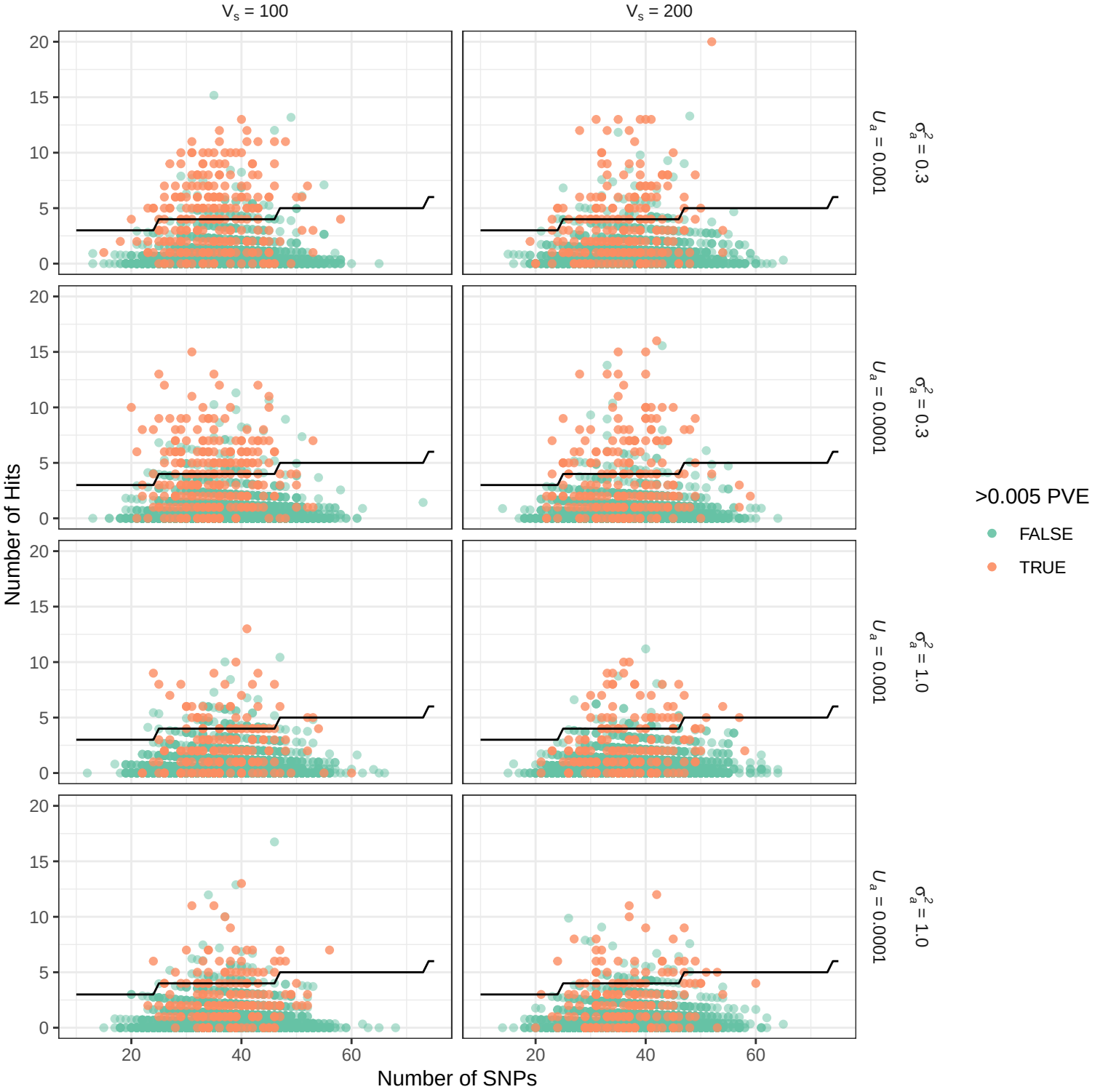
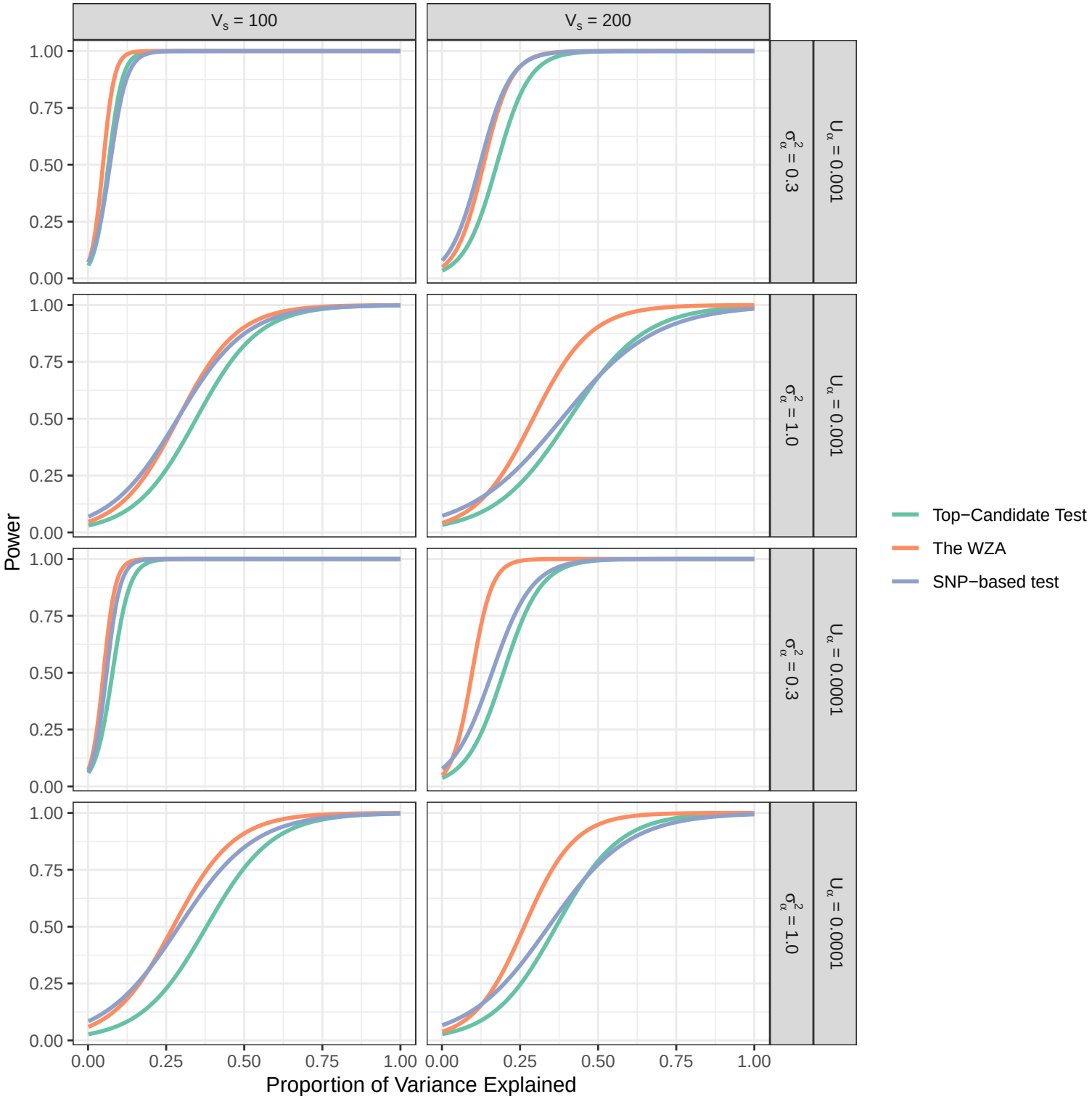

V_s = 100
V_s = 200
U_a = 0.001
σ_a^2 = 0.3
U_a = 0.0001
σ_a^2 = 0.3
U_a = 0.001
σ_a^2 = 1.0
U_a = 0.0001
σ_a^2 = 1.0
Z_W
0
10
20
20
40
60
Number of SNPs
>0.05 PVE
FALSE
TRUE


V_s = 100
V_s = 200
U_a = 0.001
σ_a^2 = 0.3
U_a = 0.0001
σ_a^2 = 0.3
U_a = 0.001
σ_a^2 = 1.0
U_a = 0.0001
σ_a^2 = 1.0
Z_W
0
10
20
20
40
60
Number of SNPs
>0.05 PVE
FALSE
TRUE


V_s = 100
V_s = 200
U_a = 0.001
σ_a^2 = 0.3
U_a = 0.0001
σ_a^2 = 0.3
U_a = 0.001
σ_a^2 = 1.0
U_a = 0.0001
σ_a^2 = 1.0
Number of Hits
Number of SNPs
>0.005 PVE
FALSE
TRUE


V_s = 100
V_s = 200
σ^2_α = 0.3
σ^2_α = 1.0
U_α = 0.001
U_α = 0.0001
Power
Proportion of Variance Explained
0.00
0.25
0.50
0.75
1.00
Top−Candidate Test
The WZA
SNP−based test