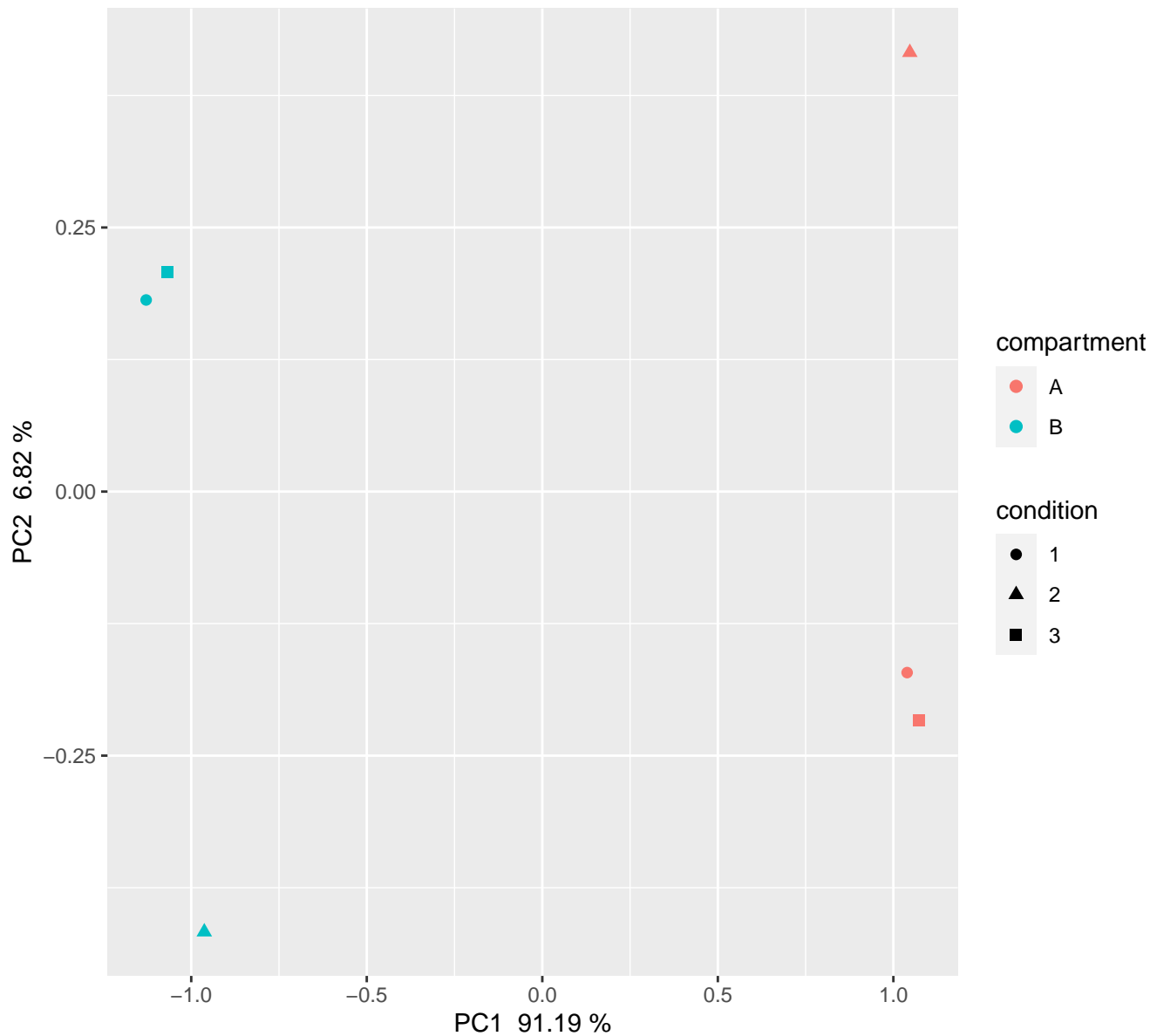
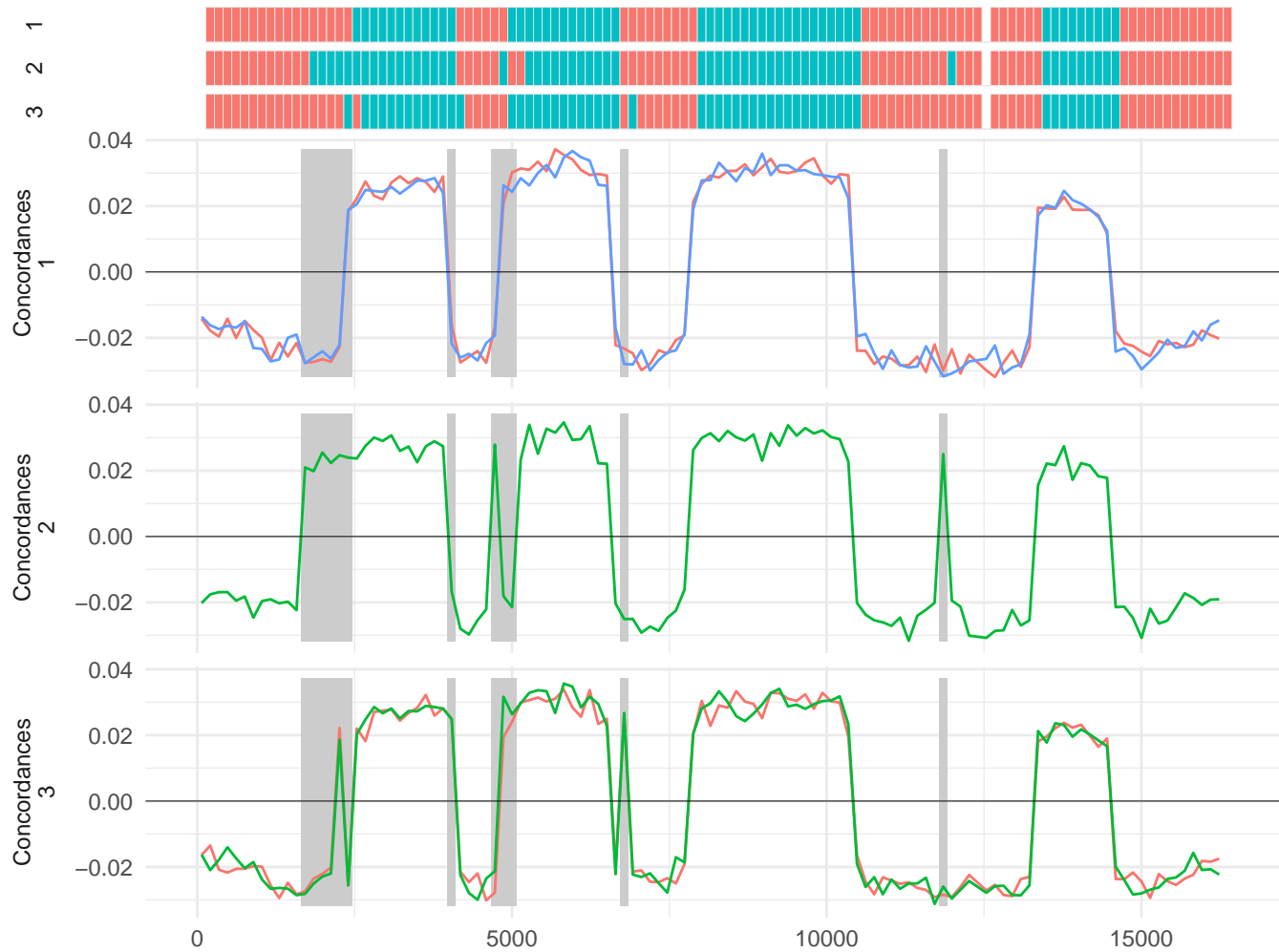


PCA on centroids of chromosome X



Quality controls:
Centroid PC1 inertia: OK
A/B clustering consistency: OK

Compartments and concordances of chromosome X by condition



The grey areas are significant changes (adjusted p-value <= 5%)

compartment ■ A ■ B

replicate — R1 — R2 — R3

Quality controls:

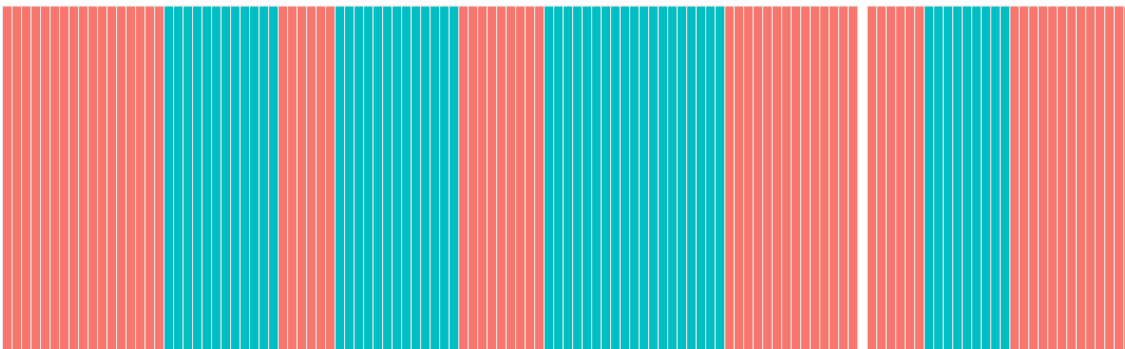
Centroid PC1 inertia: OK

A/B clustering consistency: OK

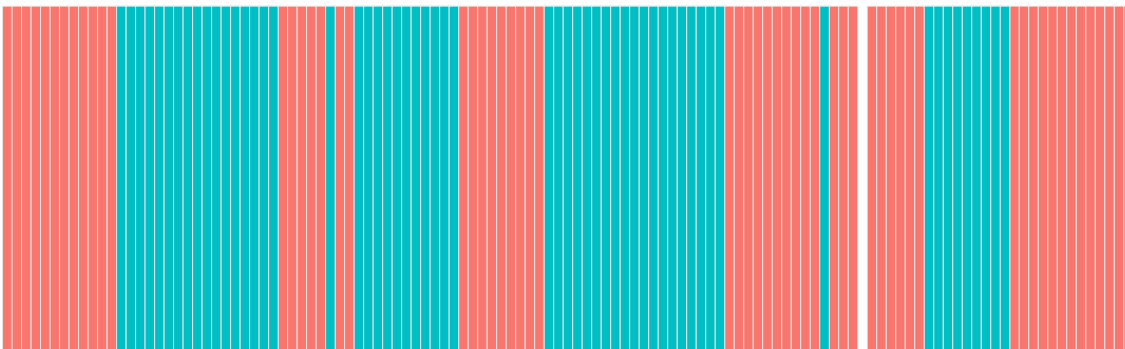
A/B assignment reliability: OK

Compartments of chromosome X by condition

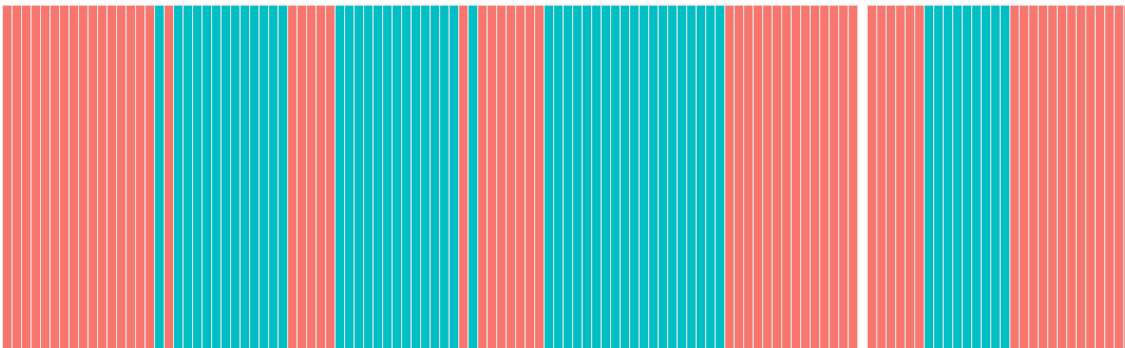
1



2



3



compartment

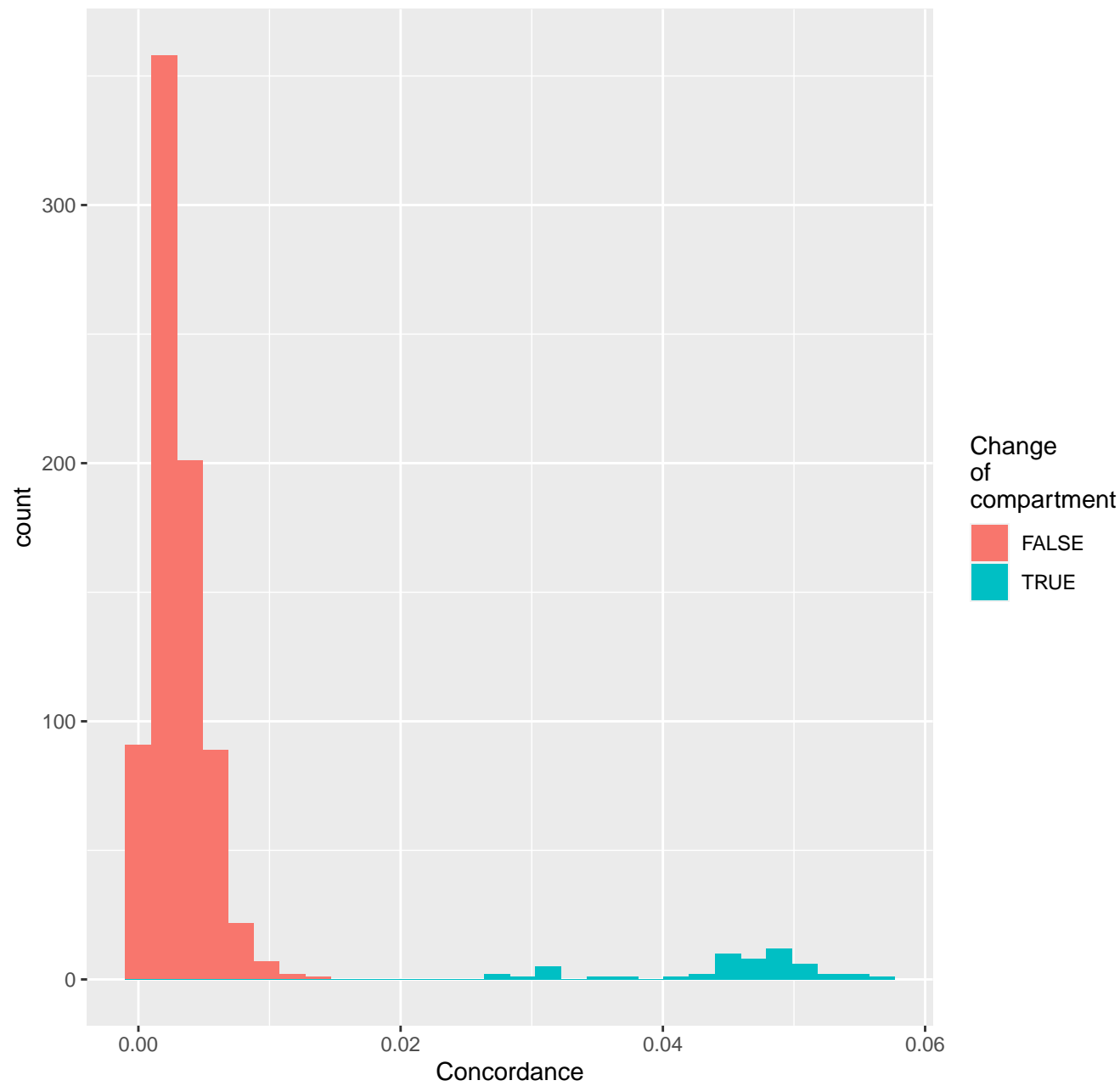


A

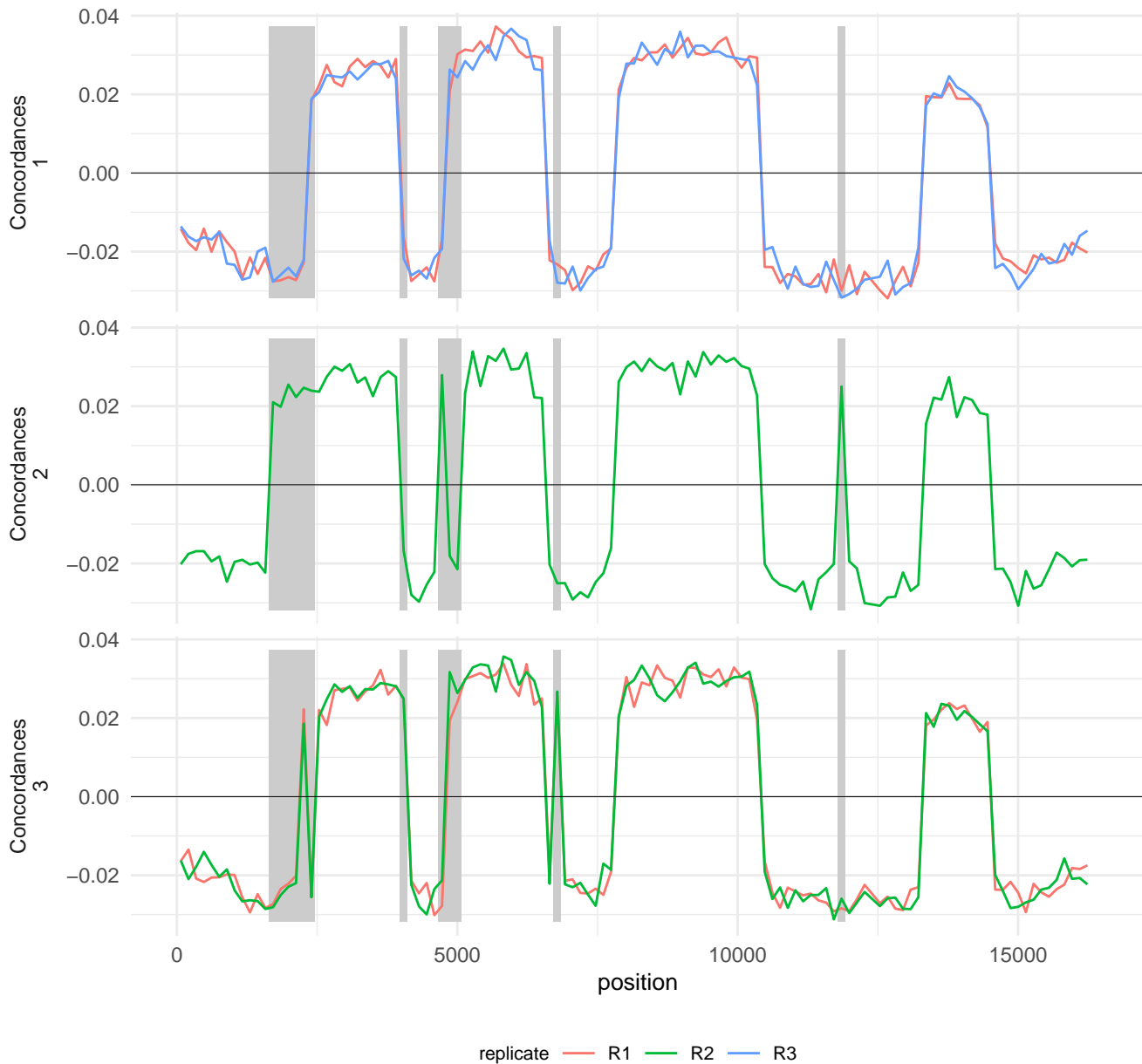


B

Distribution of concordance differences

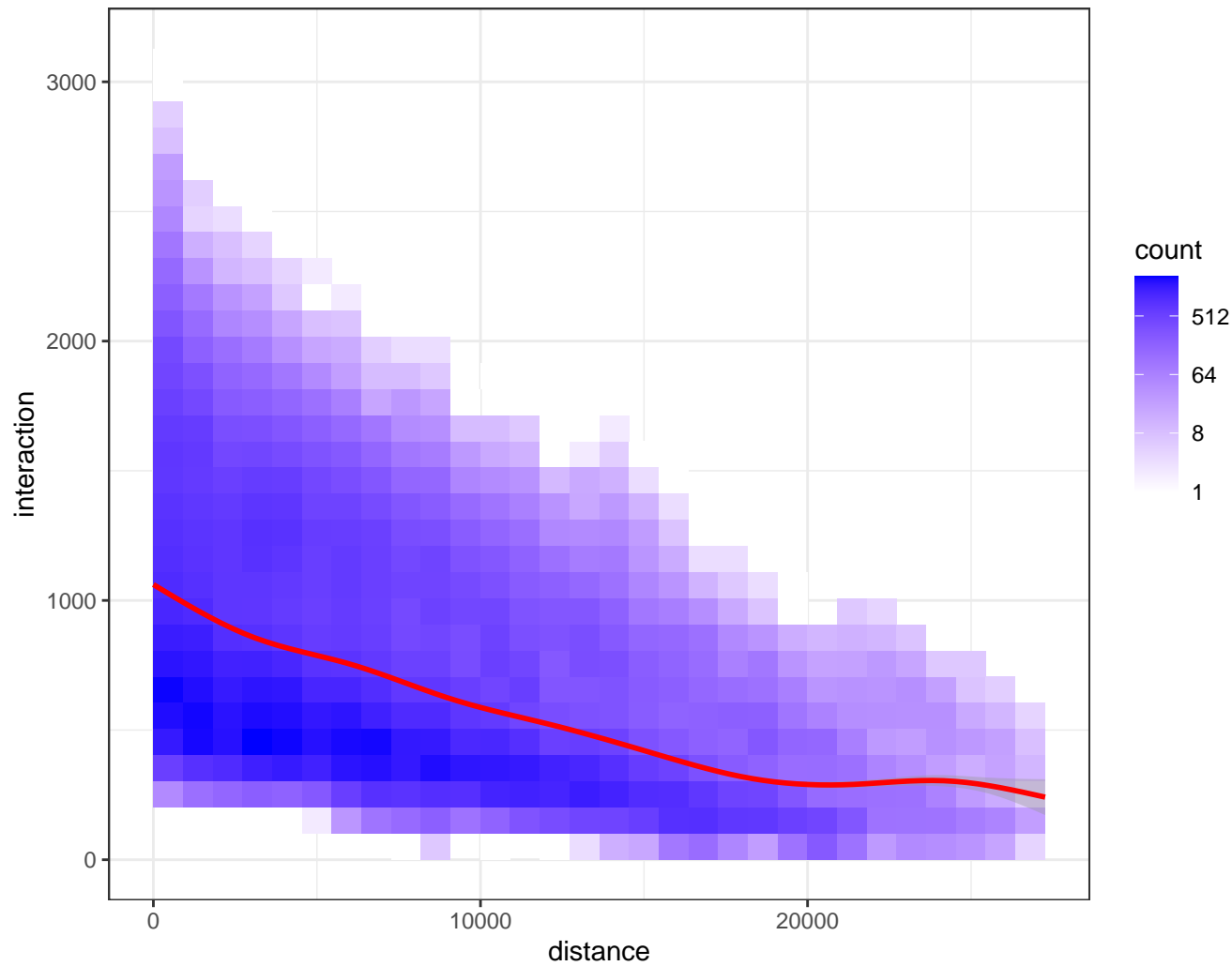
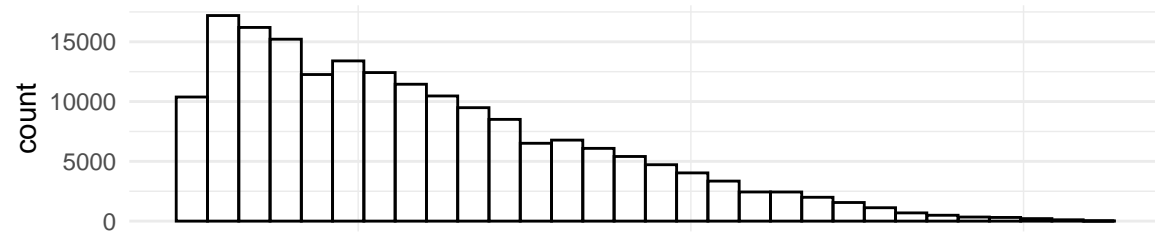


Concordances of chromosome X by condition

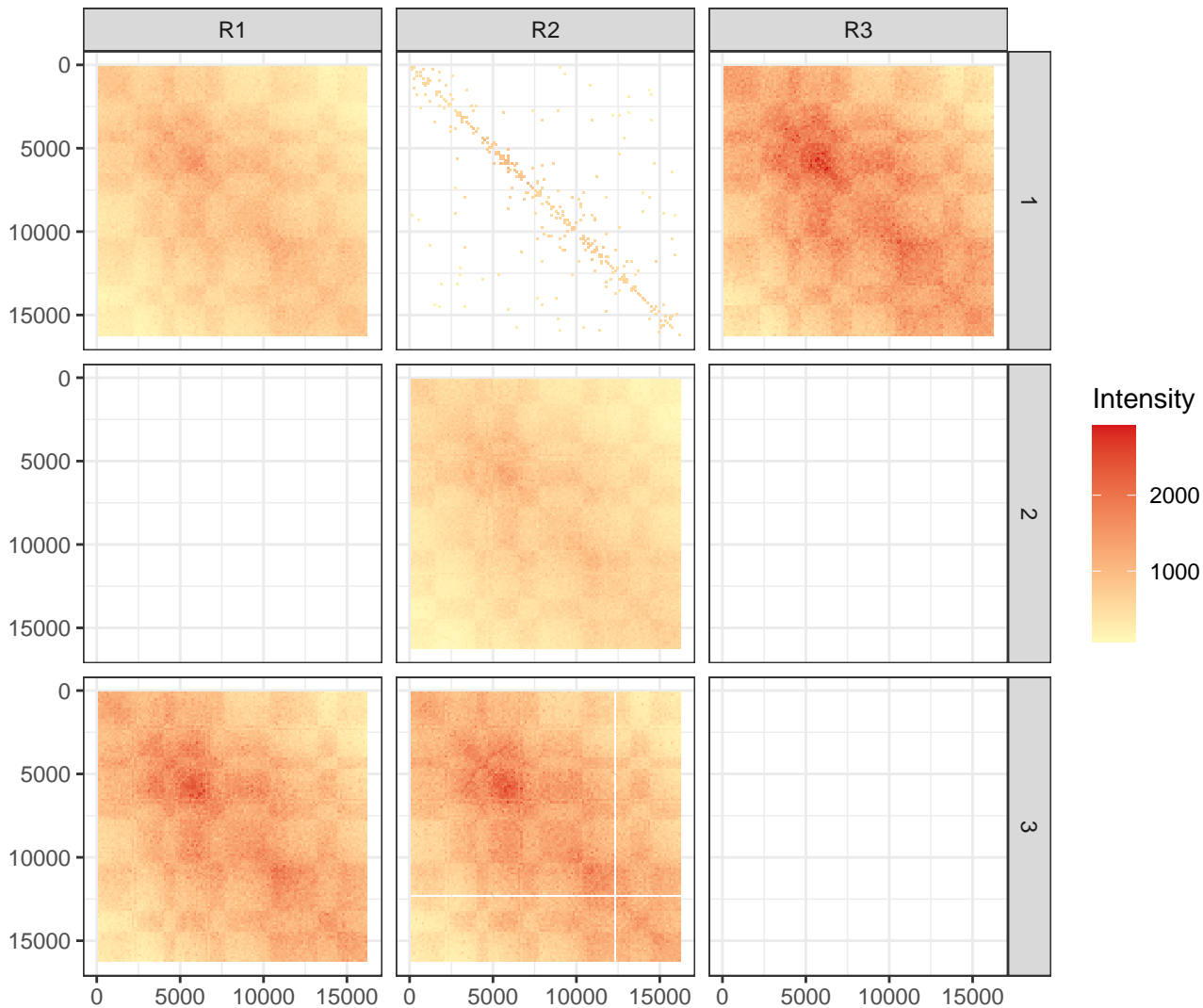


The grey areas are significant changes (adjusted p-value $\leq 5\%$)

Distance effect

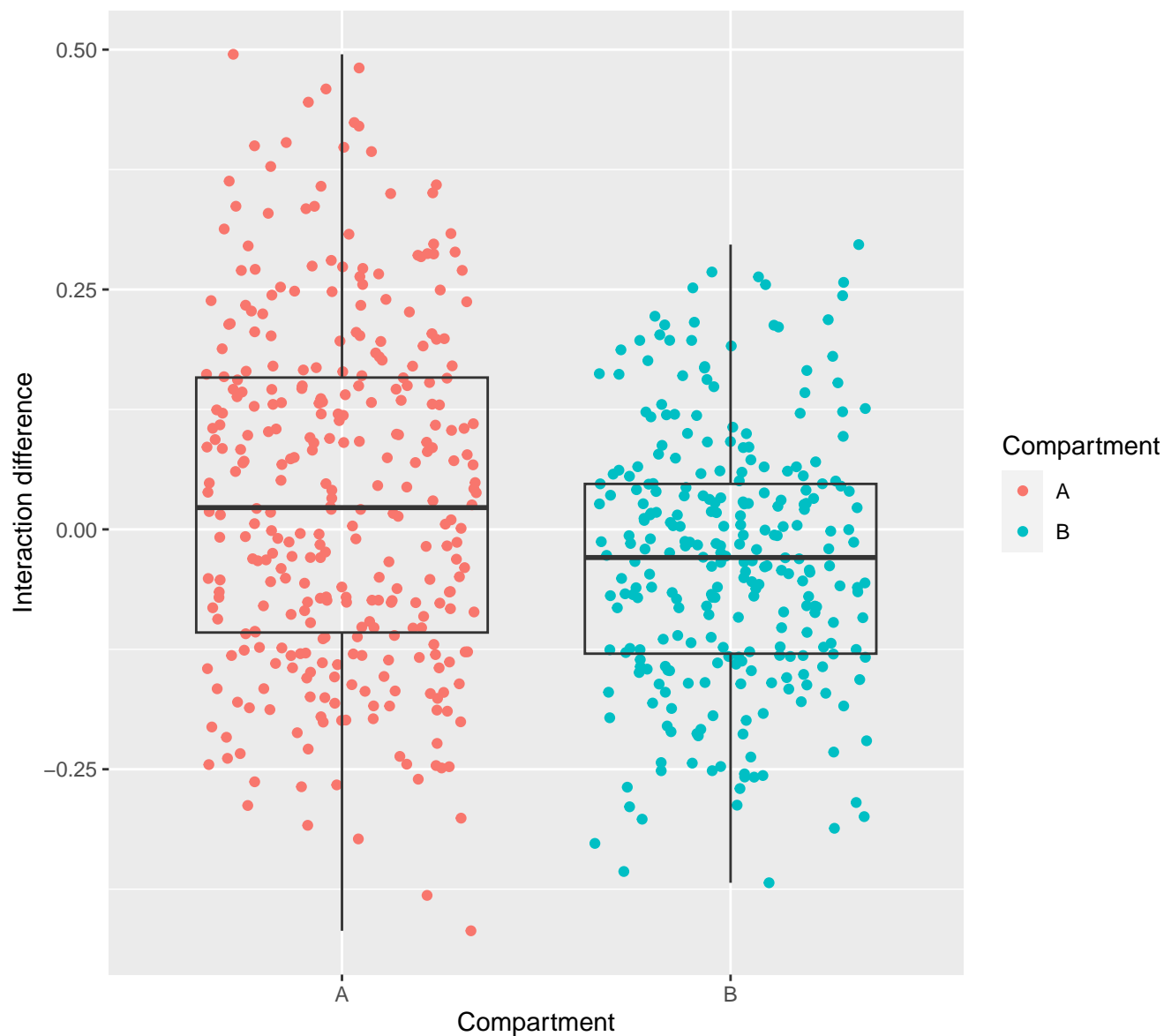


Chromosome X



Differences between self-interactions and other interactions

Chromosome X



Quality control:
A/B assignment reliability: OK