

**Table S3. Number of top predicted genes that overlap between different models at different cutoffs in the Mixed-Pop cross-validation scheme. KNN, K-Nearest-Neighbor; EN, Elastic-Net; SS, Single-SNP.**

<b>Top genes</b>	<b>KNN-EN</b>	<b>KNN-SS</b>	<b>EN-SS</b>	<b>All models</b>
10	7	5	6	4
20	14	11	12	9
50	36	30	37	26
100	74	64	72	58
200	143	131	149	117