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Erratum to: 'Mapping the genomic architecture of adaptive traits with interspecific introgressive origin: a coalescent-based approach'

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Unfortunately, the original version of this article [1] contained an error. The figures was included incorrectly. The correct figures and their captions can be found below:

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Reference

 Hejase HA, Liu KJ. Mapping the genomic architecture of adaptive traits with interspecific introgressive origin: a coalescent-based approach. BMC Genomics. 2016;17 Suppl 1:8.

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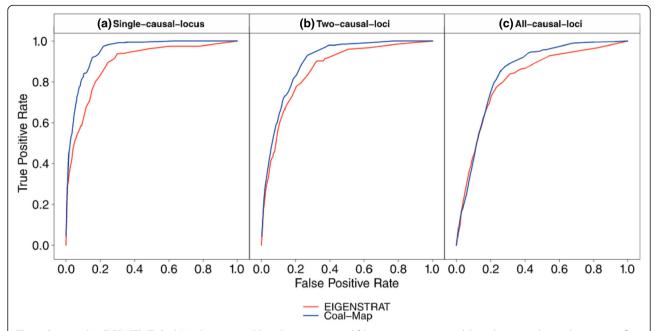


Fig. 4 Compared to EIGENSTRAT, Coal-Map has comparable or better power and false positive rate on model conditions involving adaptive gene flow (hybridization frequency $\gamma = 0.5$ and selection coefficient s = 0.56). True positive rate and false positive rate are shown for both methods using receiver operating characteristic (ROC) curves. **a** Results are shown for the model condition where causal SNPs are drawn from a single locus. Coal-Map and EIGENSTRAT have AUROC of 0.947 and 0.889, respectively. **b** Results are shown for the two-causal-loci model condition. Coal-Map has an AUROC of 0.897 and EIGENSTRAT has an AUROC of 0.859. **c** Results are shown for the all-causal-loci model condition, where Coal-Map and EIGENSTRAT have AUROC of 0.845 and 0.816, respectively

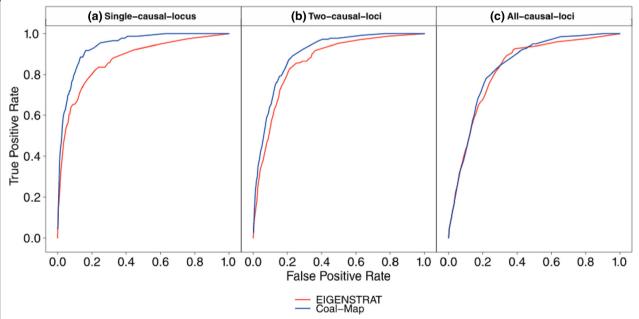


Fig. 5 Compared to EIGENSTRAT, Coal-Map has comparable or better power and false positive rate on model conditions involving neutral gene flow (hybridization frequency y = 0.5). True positive rate and false positive rate are shown for both methods using receiver operating characteristic (ROC) curves. **a** Results are shown for the model condition where causal SNPs are drawn from a single locus. Coal-Map and EIGENSTRAT have area-under-ROC-curve (AUROC) of 0.938 and 0.870, respectively. **b** Results are shown for the two-causal-loci model condition. Coal-Map has an AUROC of 0.898 and EIGENSTRAT has an AUROC of 0.860. **c** Results are shown for the all-causal-loci model condition, where Coal-Map and EIGENSTRAT have AUROC of 0.837 and 0.827, respectively

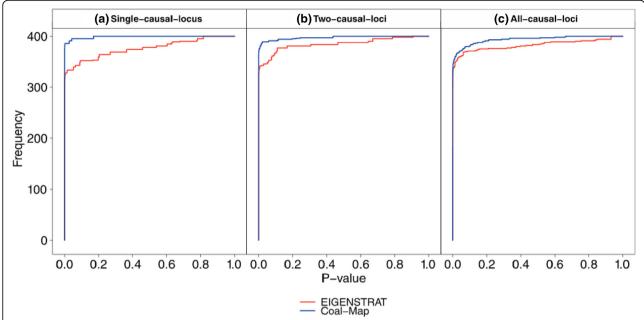


Fig. 6 The cumulative histogram of p-values reported by Coal-Map and EIGENSTRAT at causal SNPs is shown on model conditions involving neutral gene flow (hybridization frequency $\gamma = 0.5$). Results are shown for the **a** single-causal-locus, **b** two-causal-loci, and **c** all-causal-loci model conditions, respectively. Cumulative frequency is reported over all replicates from a model condition