

Supplementary Material

Survival of the fittest: Genomic investigations of the bay scallop reveal a shift in population structure through a summer mortality event

Denis Grouzdev¹, Emmanuelle Pales Espinosa¹, Stephen Tettelbach², Arnaud Tanguy³,
Isabelle Boutet³, Harrison Tobi², and Bassem Allam^{1*}

* Corresponding author: denis.grouzdev@stonybrook.edu, bassem.allam@stonybrook.edu

¹ School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, NY 11794-5000,
USA

² Cornell Cooperative Extension of Suffolk County, Southold, NY 11971, USA

³ Station Biologique de Roscoff, CNRS/Sorbonne Université, Place Georges Teissier, 29680 Roscoff,
France

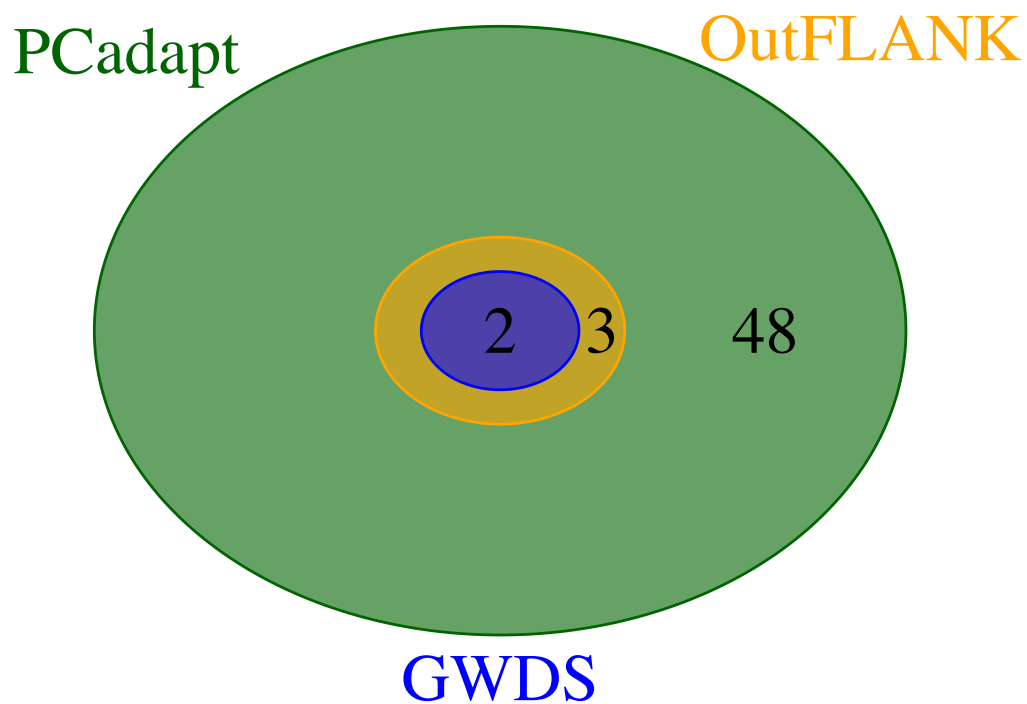


Fig. S1. Venn diagram showing the number of outlier SNPs identified using each tool. PCadapt identified a total of 53 SNPs, while OutFLANK and GWDS identified 5 and 2 SNPs, respectively.

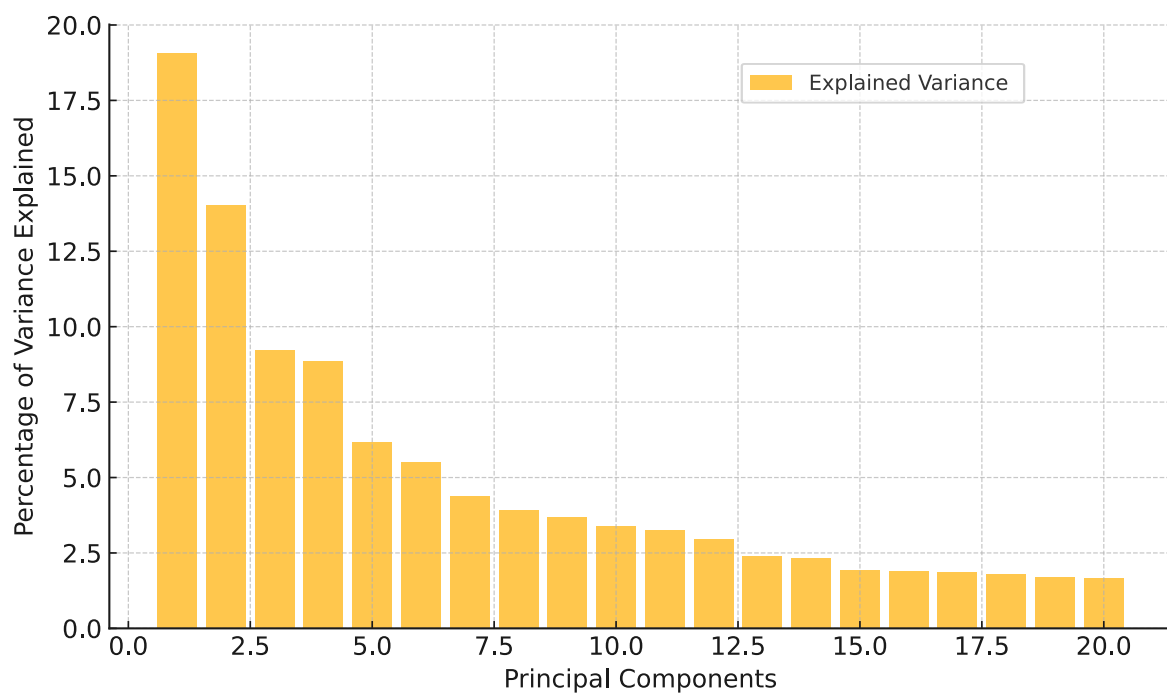


Fig. S2. Scree plot analysis of principal component analysis (PCA).