



**Figure S22:** Effects of demographic treatments on the relationship between measures of genetic divergence across all sampling generations for  $\text{Pheno}_{\text{Null}}$  simulations. Point colour and shape denote treatment groups for founding bottlenecks (**A**), prolonged bottlenecks (**B**) and migration (**C**). Each point represents correlation coefficients calculated across all genes within individual treatments groups, averaged within treatment levels, and averaged over 20 iterations.