

Figure S1. The site frequency spectra (SFS) for different mutation categories at 0-fold degenerated sites: S-to-S (strong-to-strong; dark grey); S-to-W (strong-to-weak; blue); W-to-S (weak-to-strong; red); W-to-W (weak-to-weak; light grey). (A) SFS based on derived allele counts from 14,354 polymorphic sites. (B) Proportion of each mutation category for a given derived allele frequency.

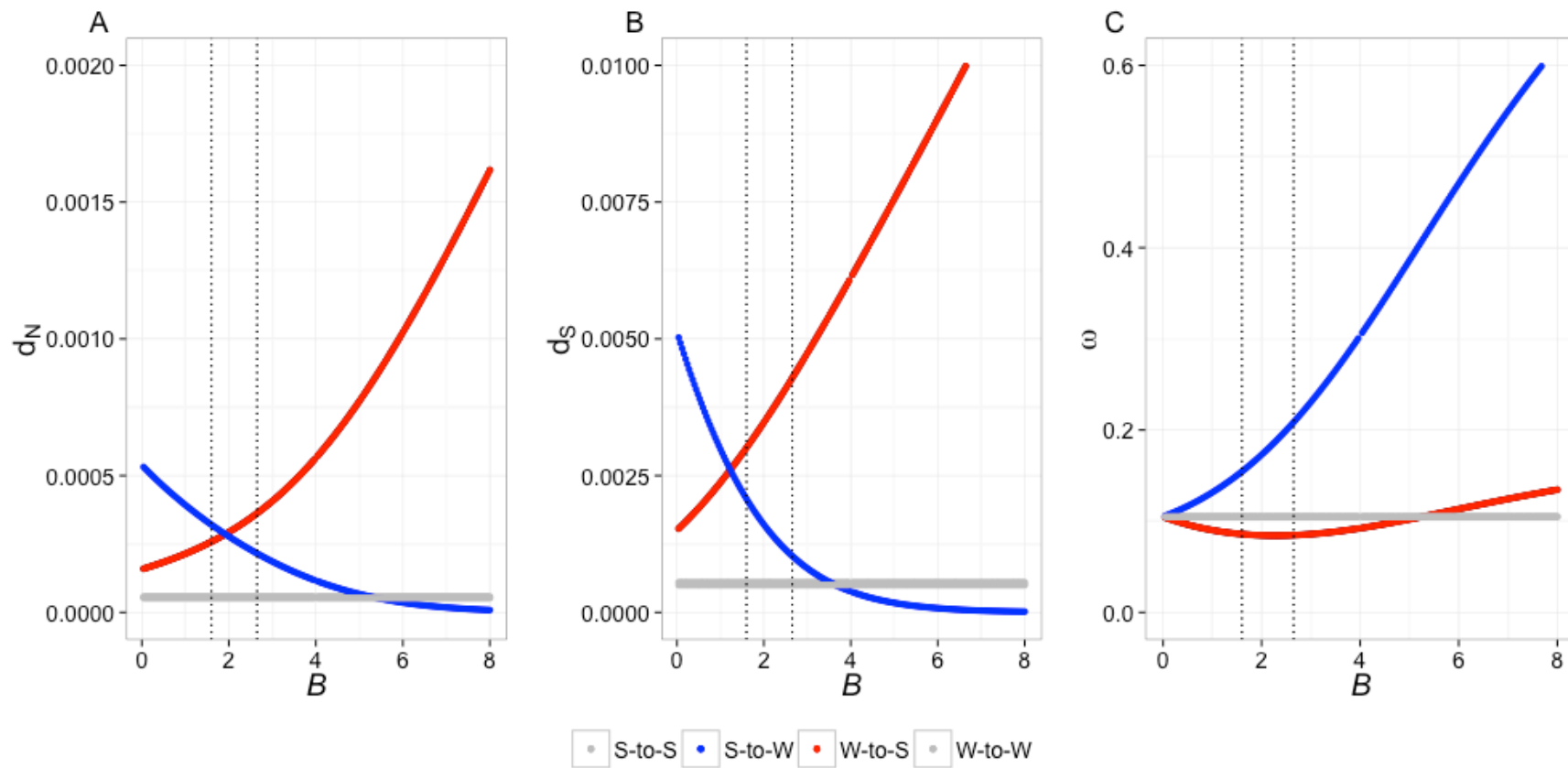


Figure S2. Mathematical description of the effect of gBGC on d_N , d_S and ω for different mutation categories; S-to-W (strong-to-weak; blue); W-to-S (weak-to-strong; red); W-to-W and S-to-S (weak-to-weak and strong-to-strong; grey). Dashed vertical lines indicate the range of observed values of GC^* in the different recombination bins.