

**Figure S3.** Mantel test for matrix correlation between expected heterozygosity  $(H_e, \mathbf{a})$ , allelic richness  $(A_r, \mathbf{b})$ , haplotype diversity  $(H_d, \mathbf{c})$ , nucleotide diversity  $(P_i, \mathbf{d})$ , and latitude for *Populus koreana* populations.