

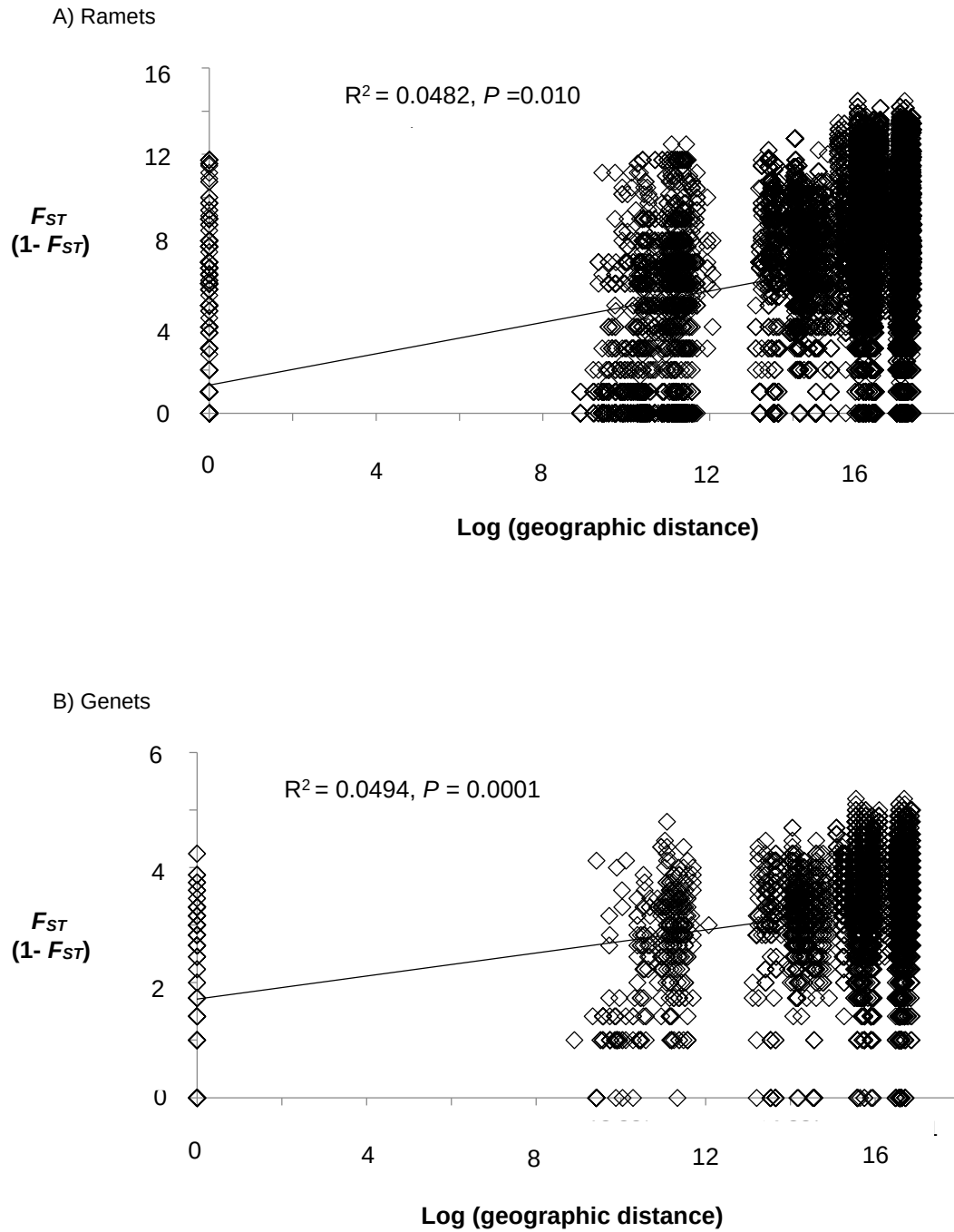


Fig. S2. Estimation of Isolation By Distance (IBD) between *Phymatolithon calcareum* beds. Scatterplot of $F_{ST}/(1 - F_{ST})$ values against the logarithm of the geographical distance in kilometres are represented. Only the ten maerl beds sampled along the North Atlantic coast and for which at least 10 diploids of *Phymatolithon calcareum* were available were considered for the analysis. A) Calculations performed with the whole data set (i.e. “ramets” data set) and B) with a data set including only the distinct genets (i.e. the “genets” data set).