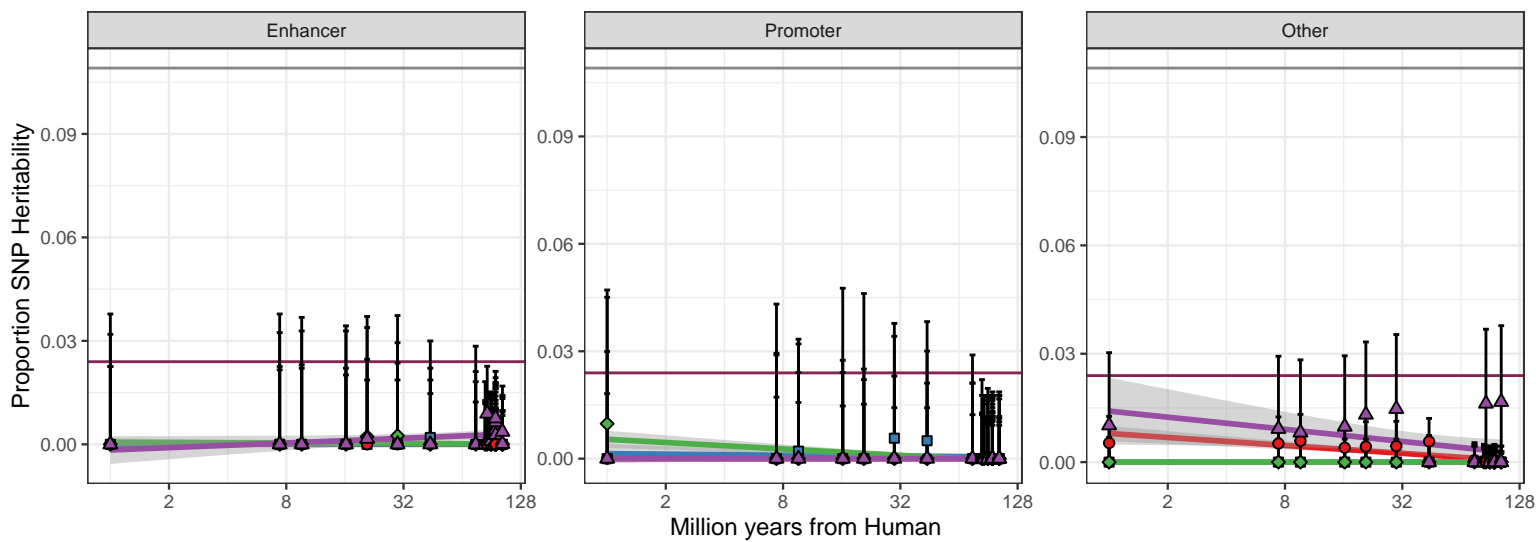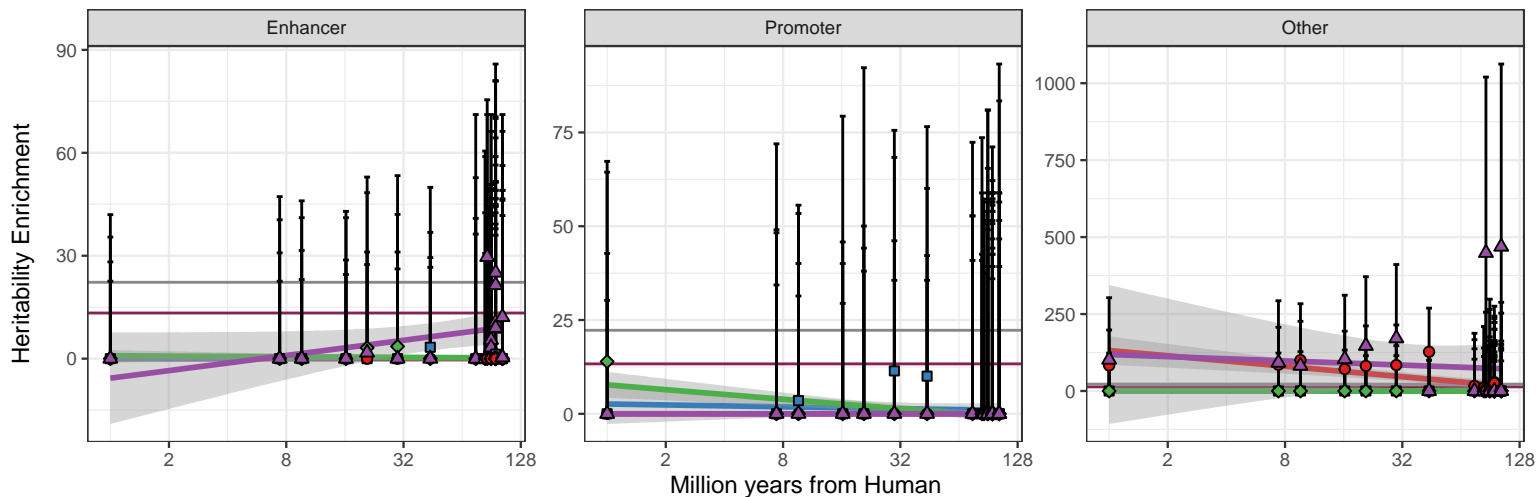MSN_D2, LDL_E