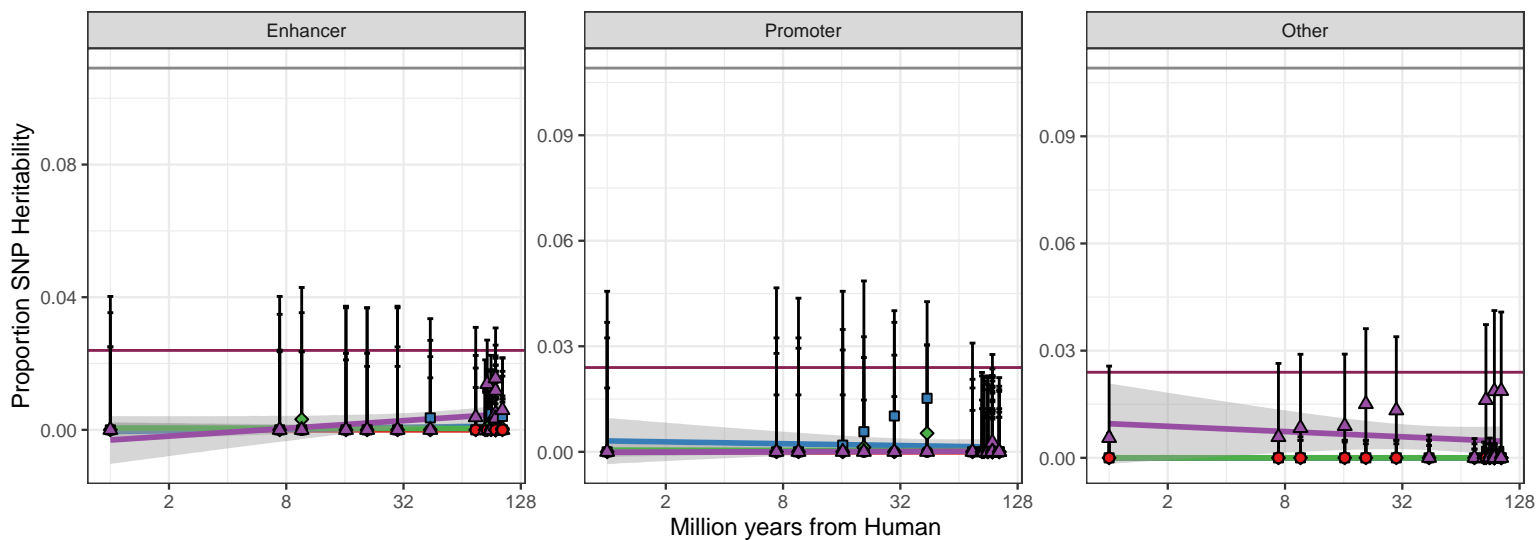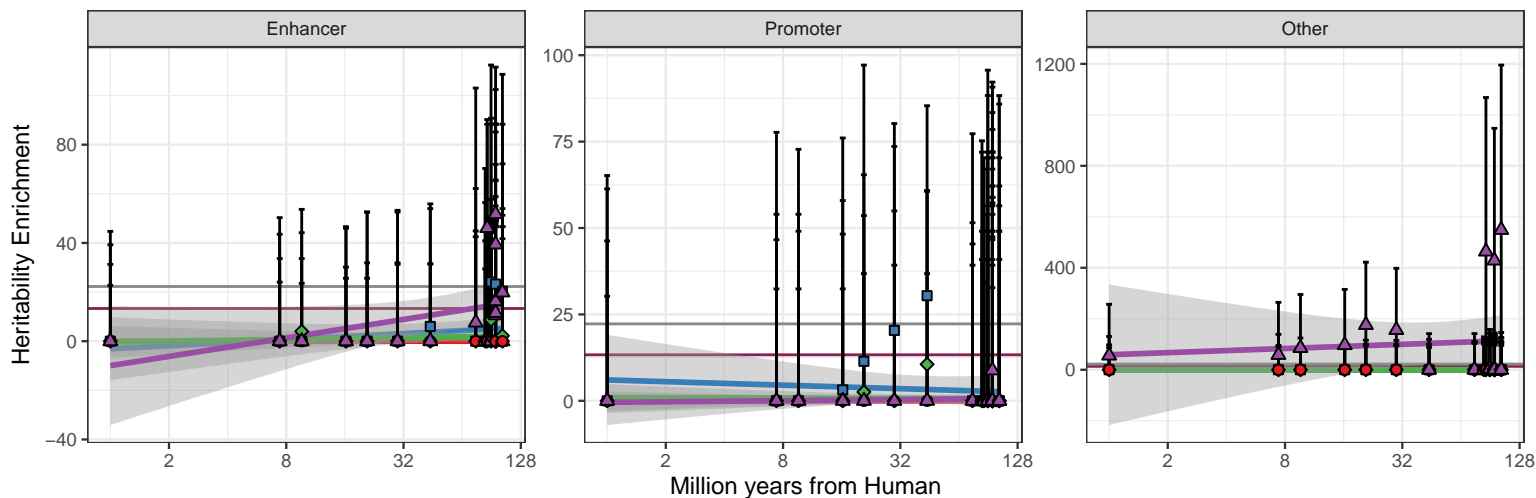MSN_D1, LDL_E