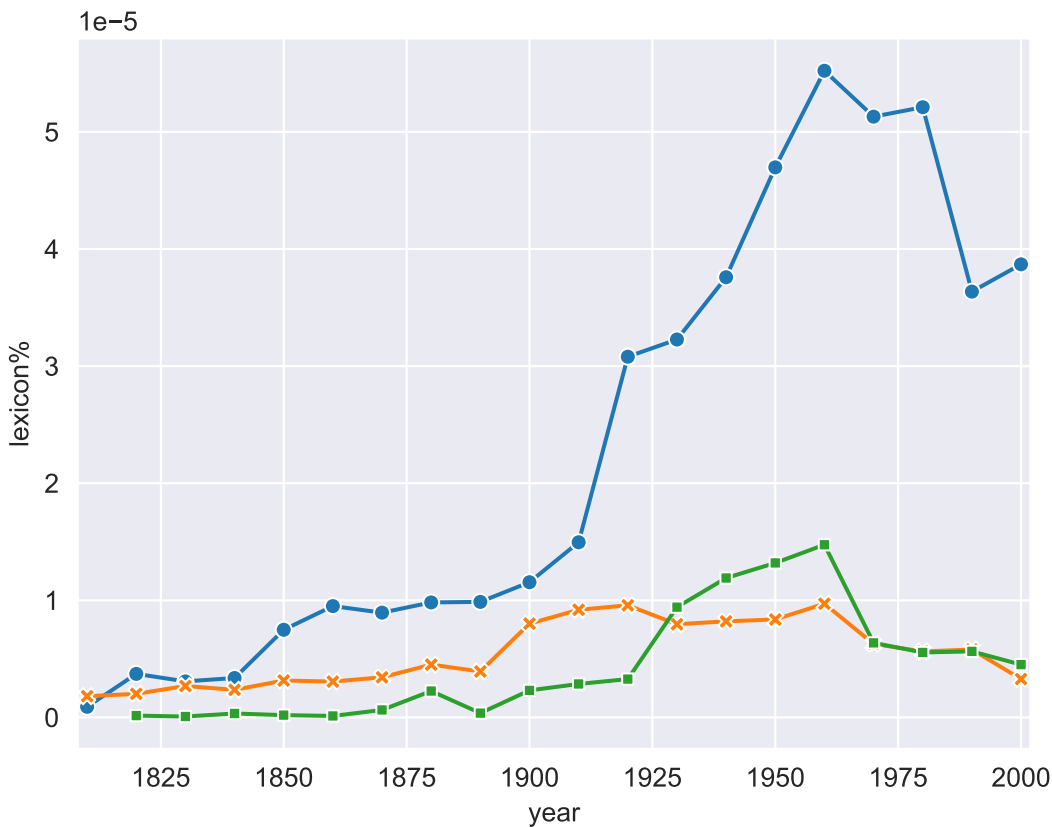reaction