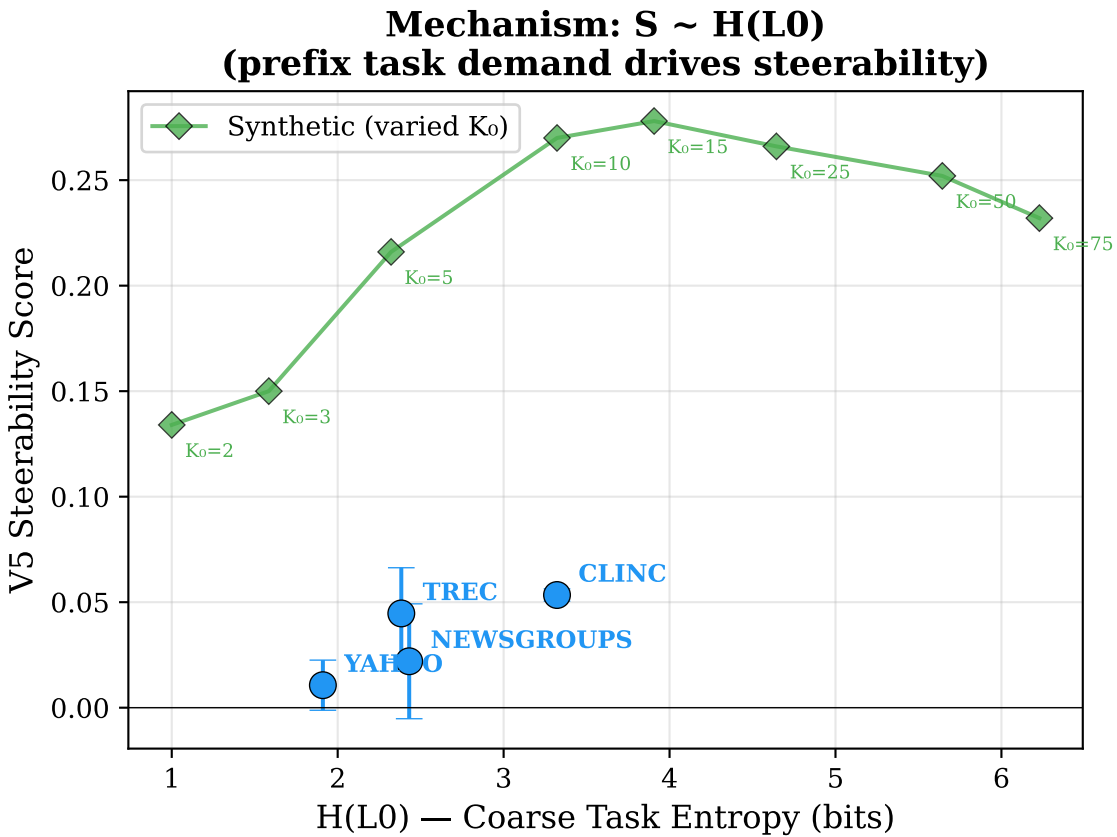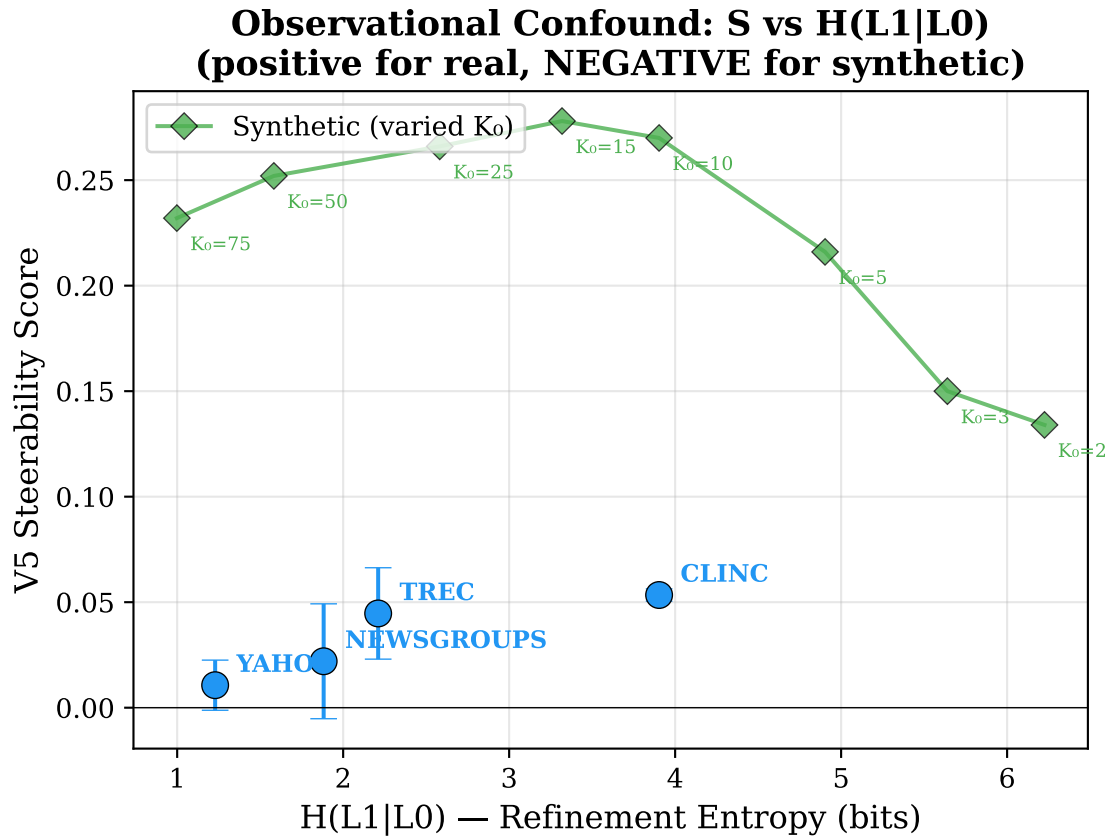Disentangling the Scaling Law: H(L0) is the True Driver