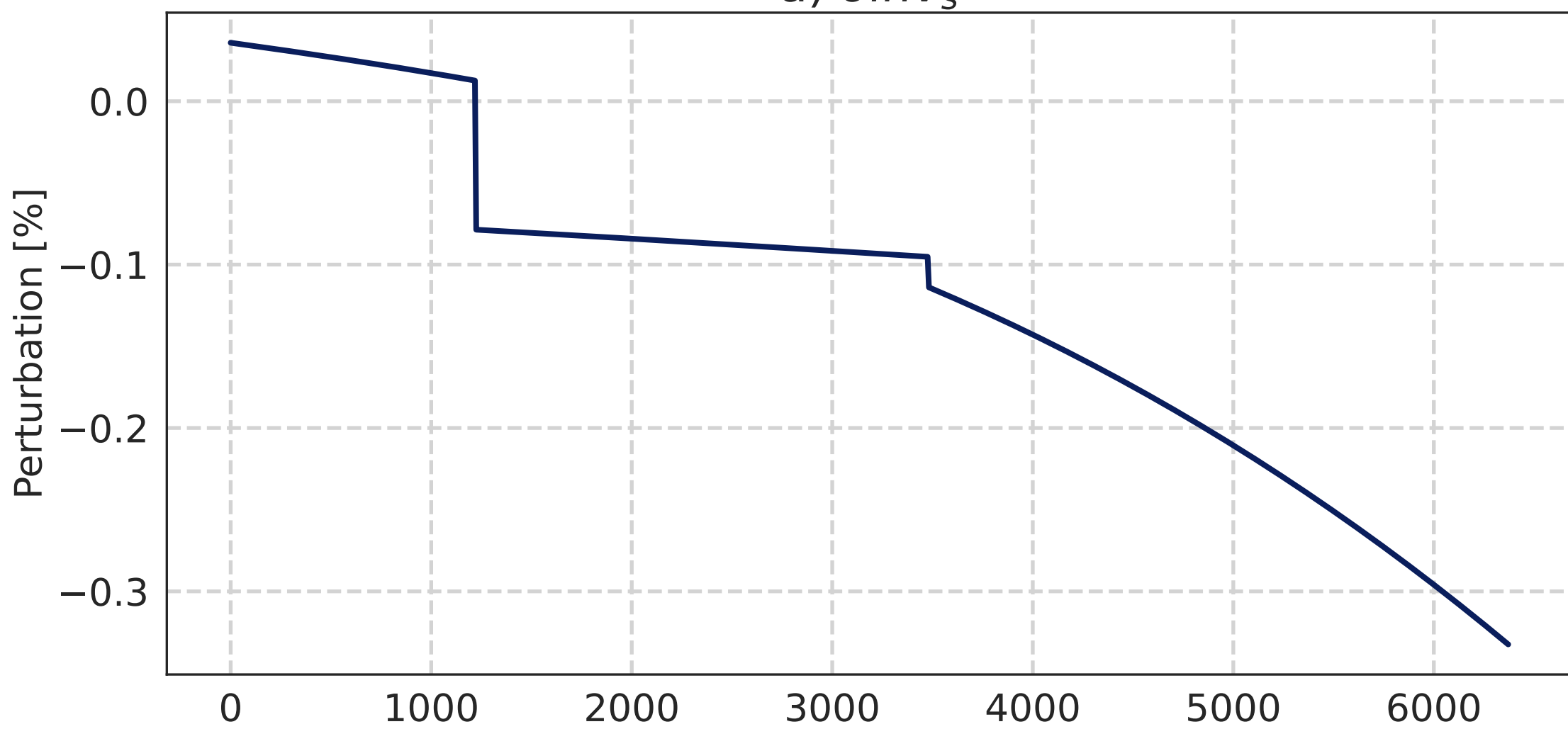
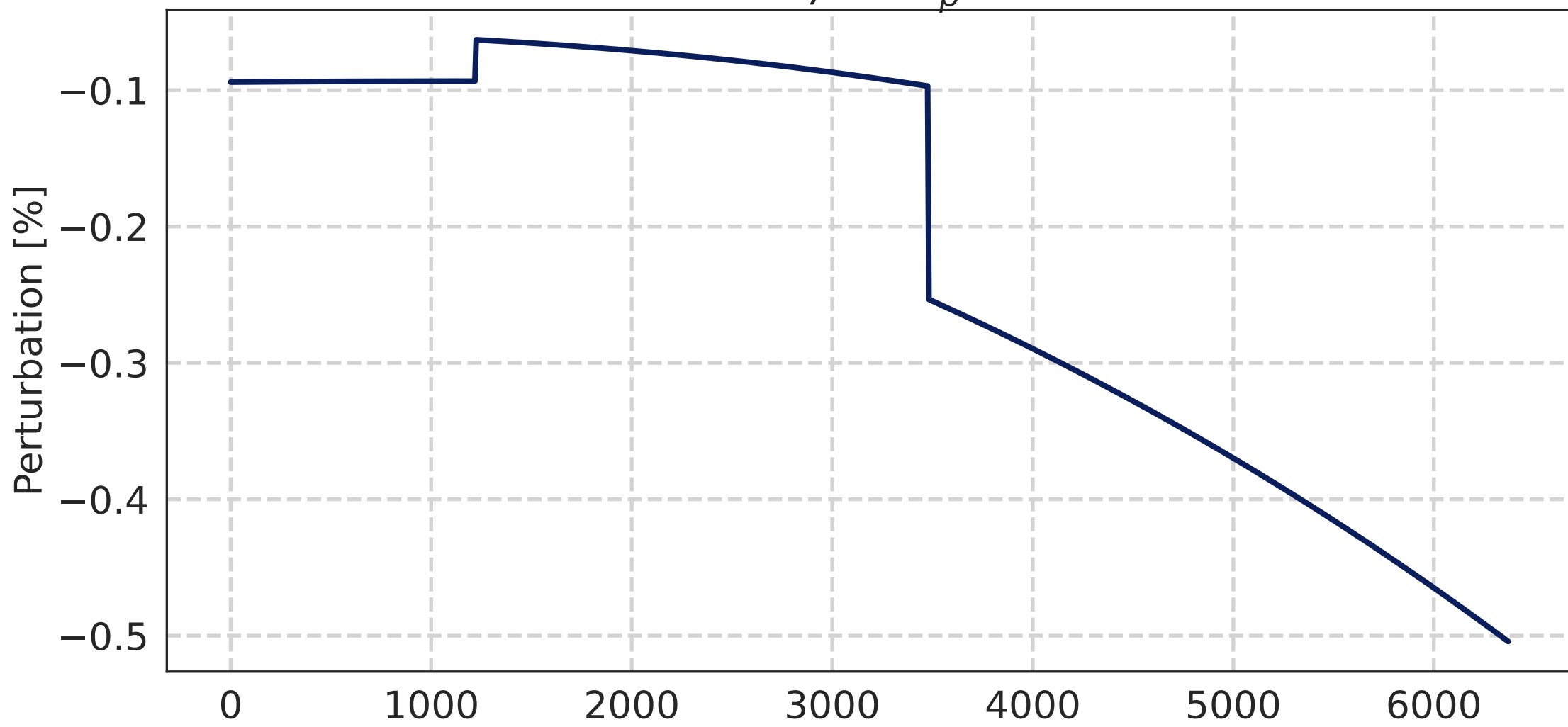


a)  $\delta \ln v_s$ b)  $\delta \ln v_p$ c)  $\delta \ln \rho$ 