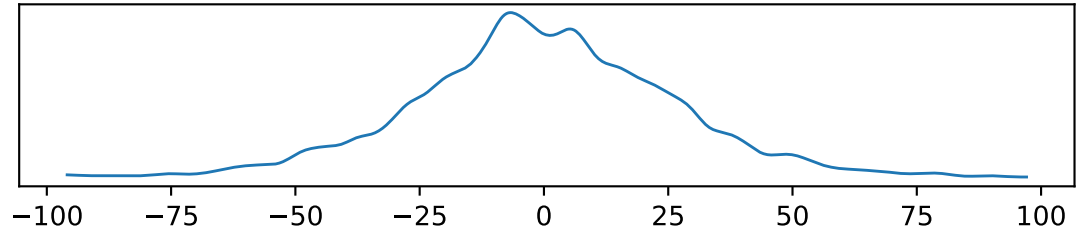Trace Plot of posterior[8] (SMC, dimension_mv = 10)