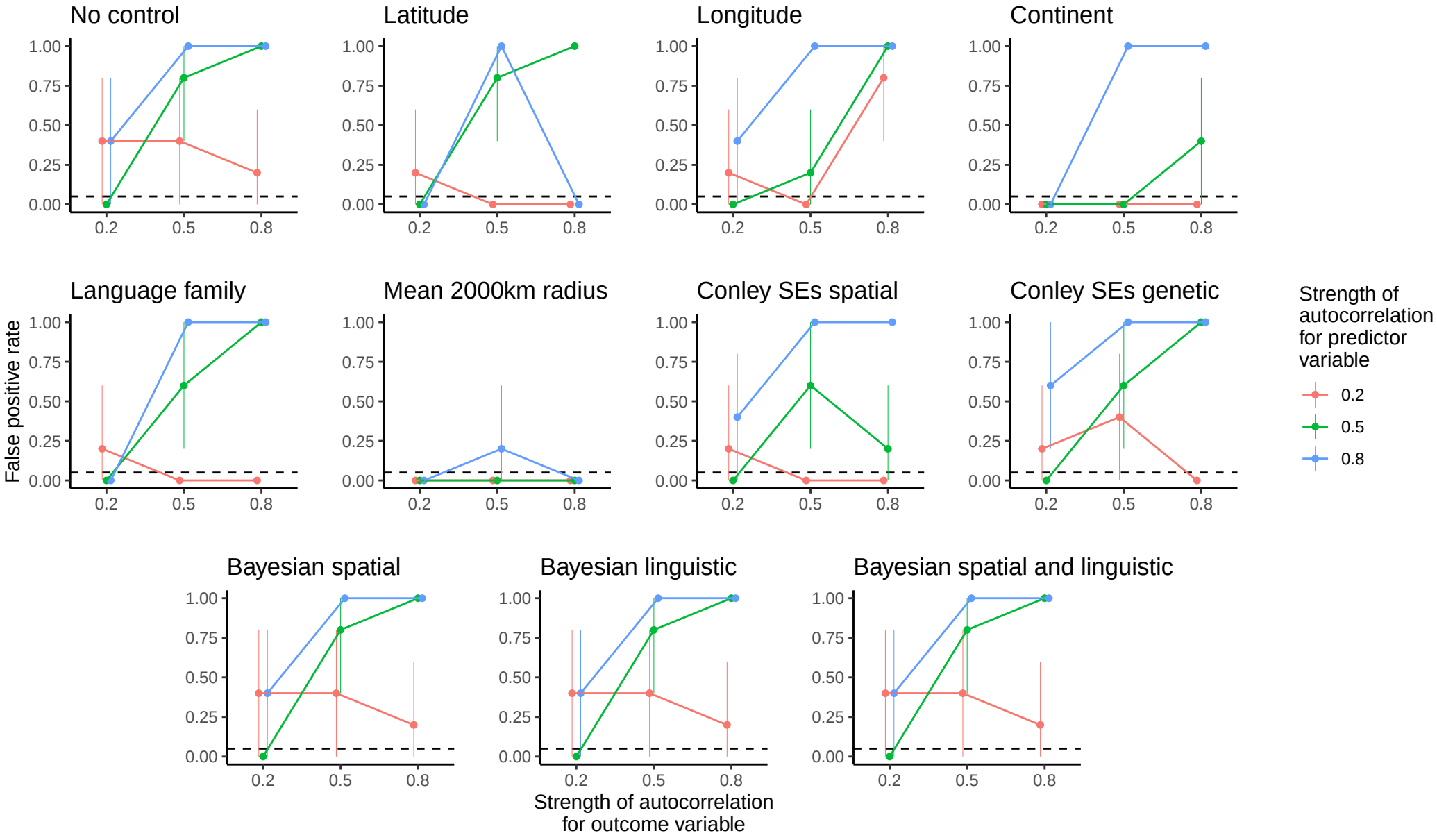Simulation with spatial non−independence