$|1\rangle$(channel=1) + $|alpha=1\rangle$(channel2), phase = **0.25 pi**, detection=FIRST.

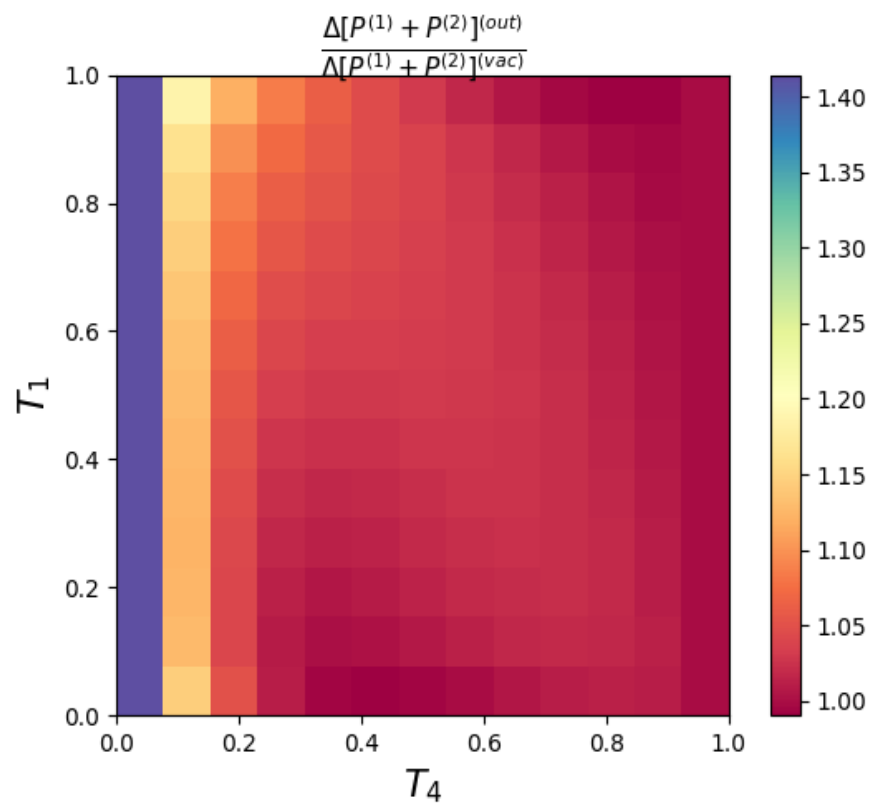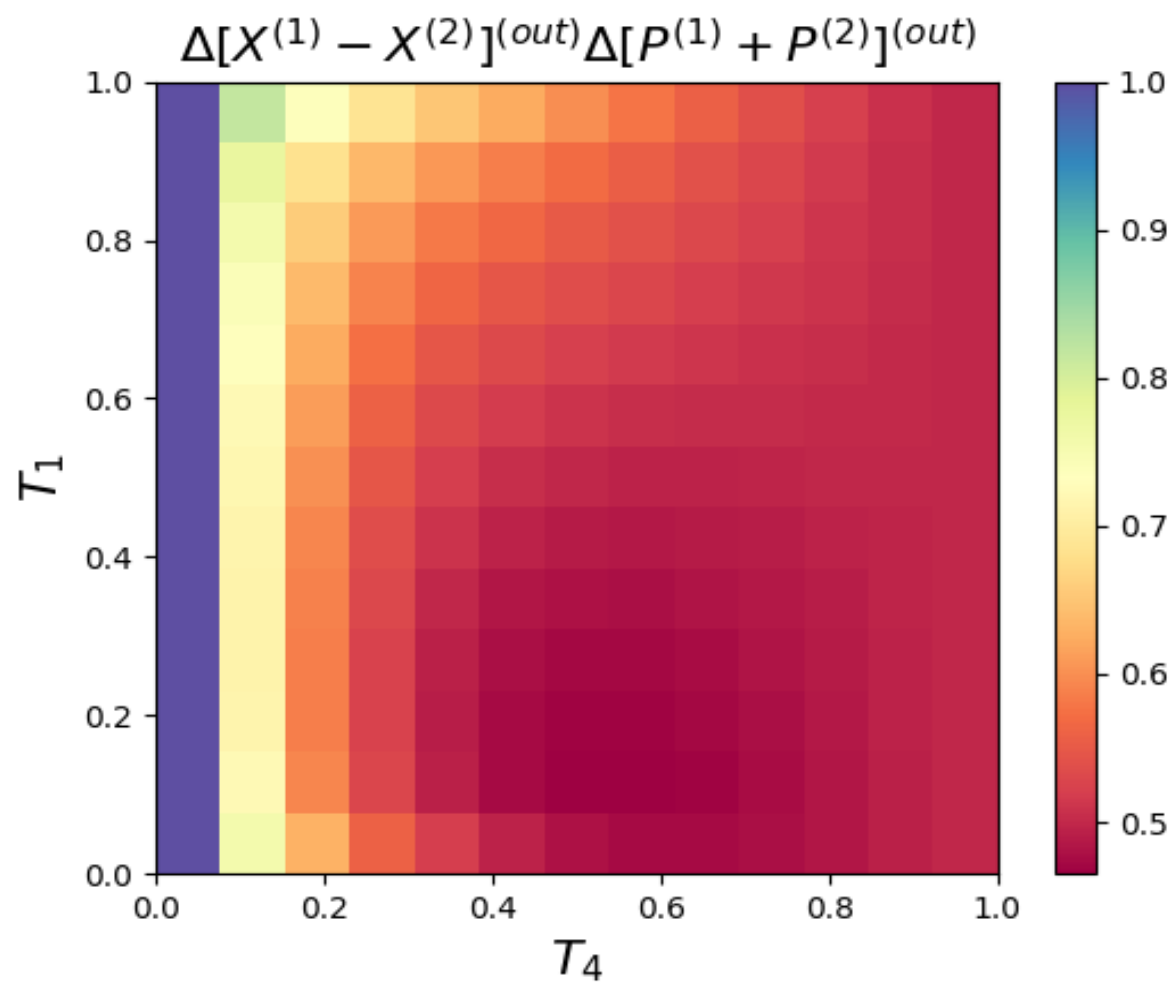$$\frac{\Delta[P^{(1)} + P^{(2)}]^{(out)}}{\Delta[P^{(1)} + P^{(2)}]^{(vac)}}$$

$$\frac{\Delta[P^{(1)} + P^{(2)}]^{(out)}}{\Delta[P^{(1)} + P^{(2)}]^{(vac)}}$$

$$\Delta[X^{(1)} - X^{(2)}]^{(out)}\Delta[P^{(1)} + P^{(2)}]^{(out)}$$
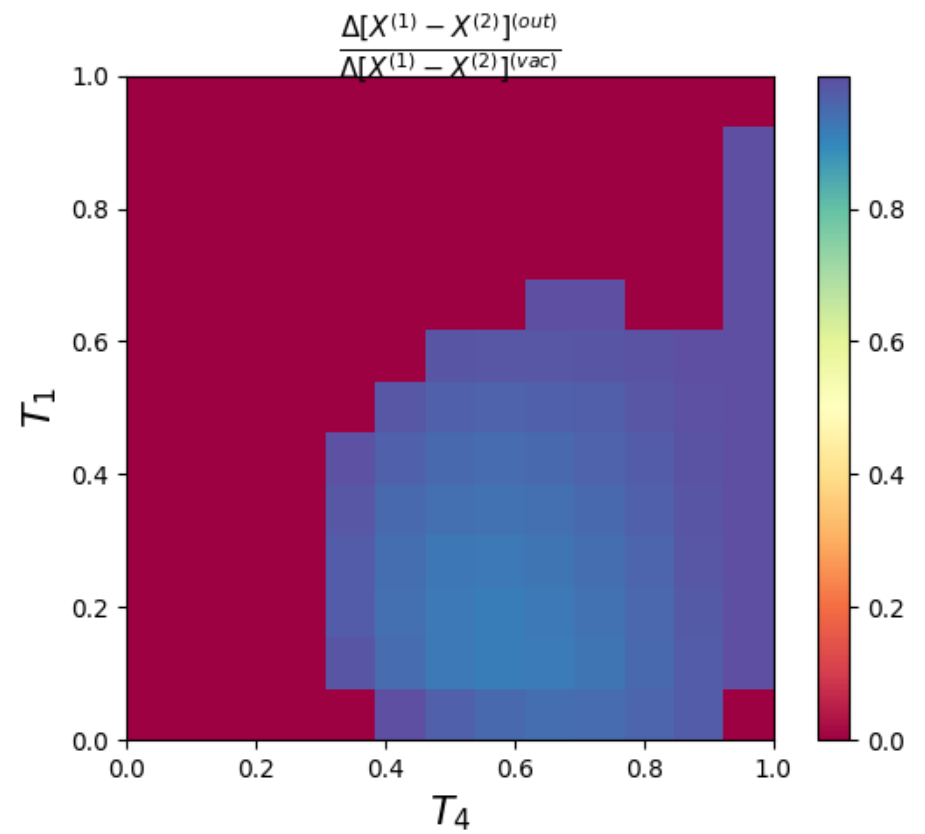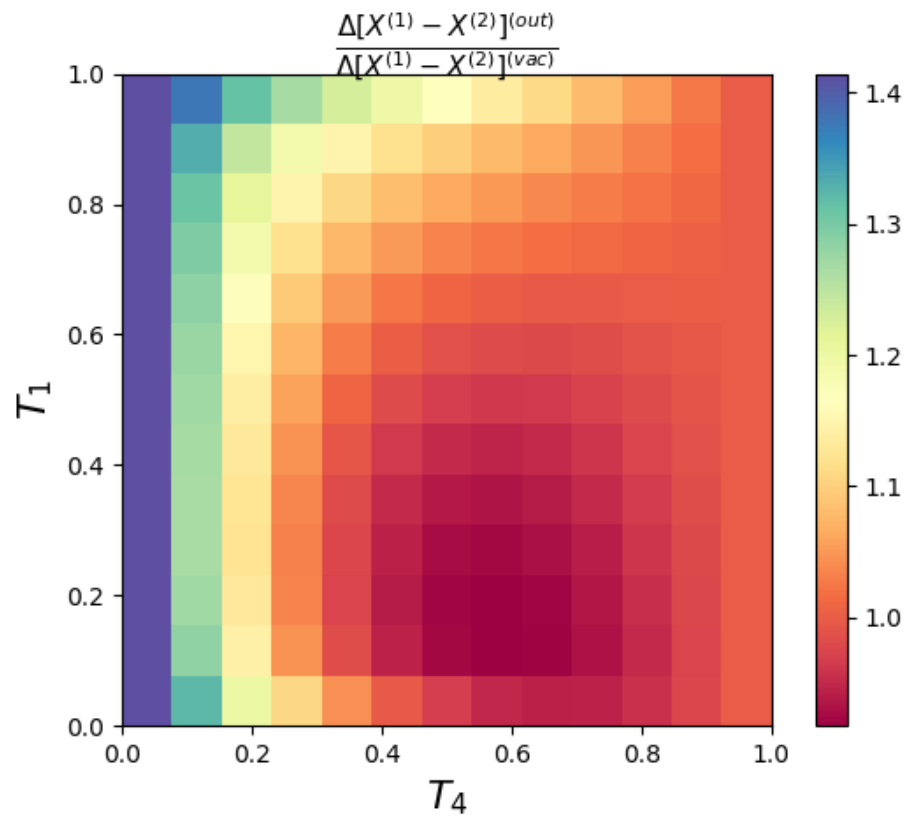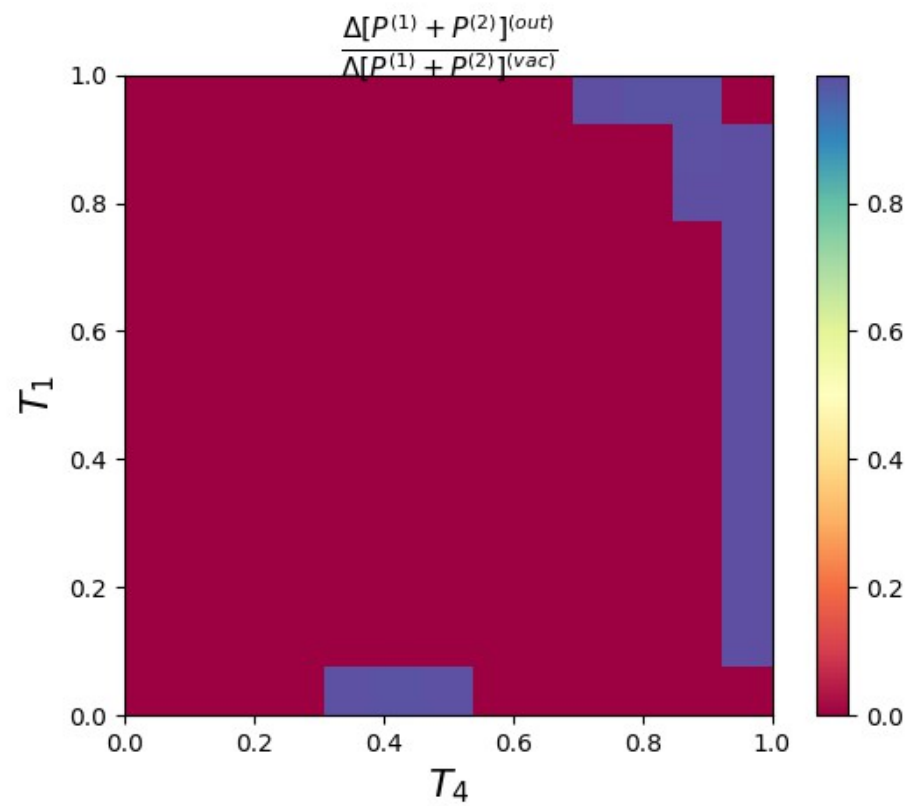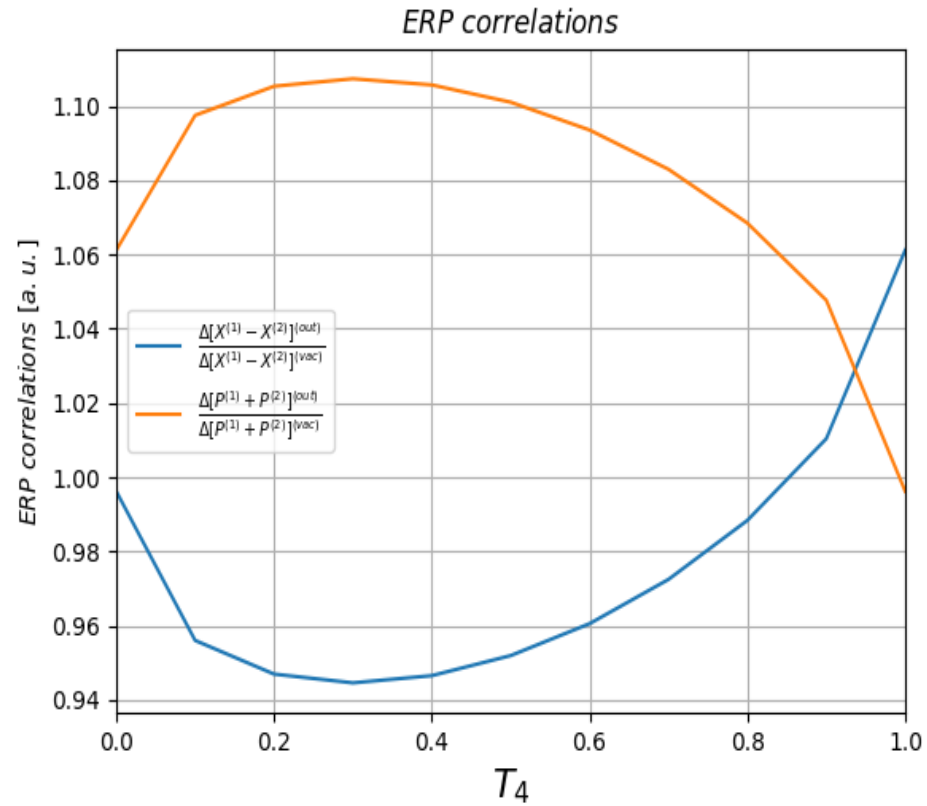
$|1\rangle + |\text{alpha}=1\rangle$, phase = **0 pi**, detection=FIRST.
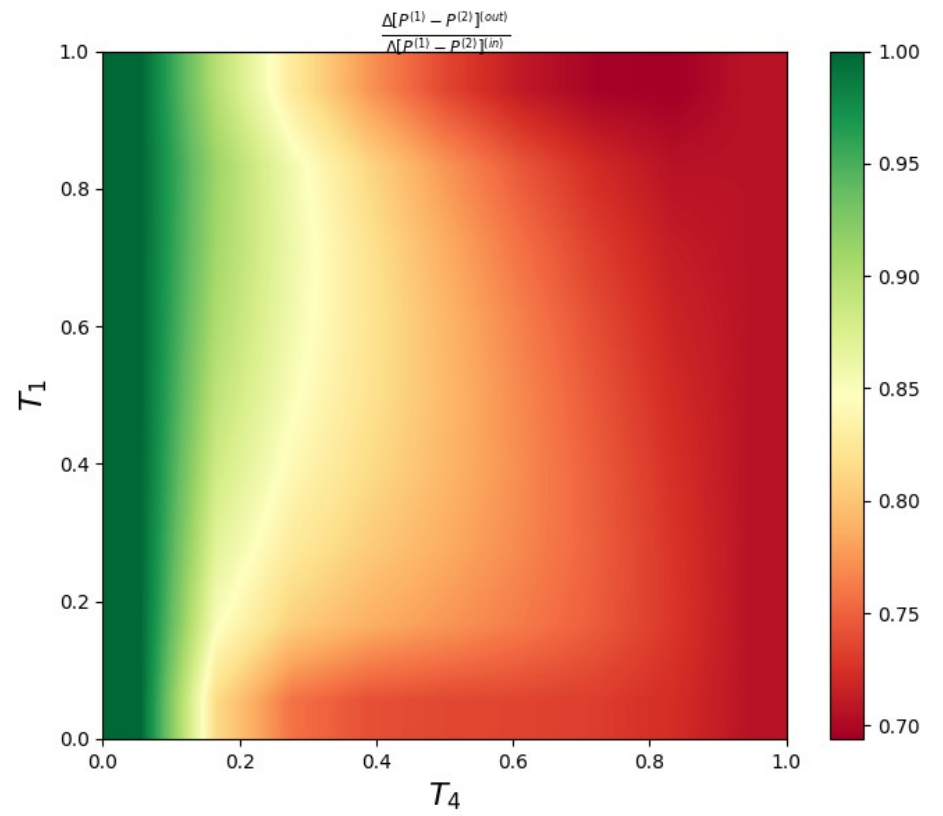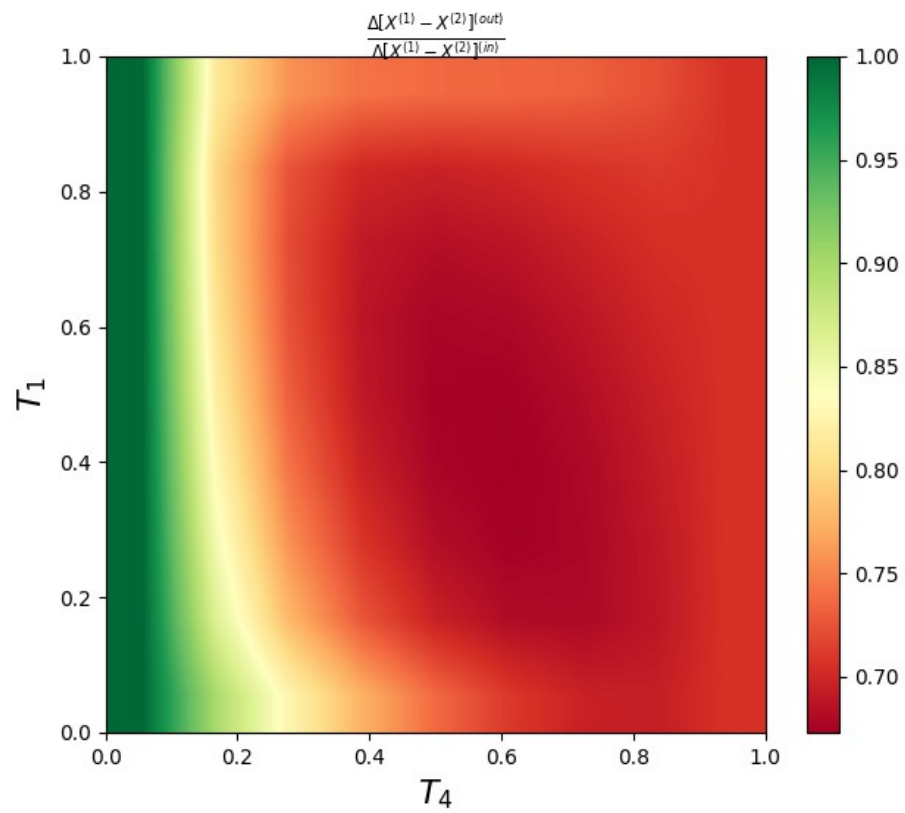
|1>(channel=1) + |alpha=1>(channel2),
phase = **0 pi**, detection=FIRST.

T2 = 0.7, T3 = 0.3.

T2 = 0.9, T3 = 0.1.