Population 1

T1+T2+: $P1*Se1*Se2+(1-P1)*(1-Sp1)*(1-Sp2)$

T1+T2-: $P1*Se1*(1-Se2)+(1-P1)*(1-Sp1)*Sp2$

T1-T2+: $P1*(1-Se1)*Se2+(1-P1)*Sp1*(1-Sp2)$

T1-T2-: $P1*(1-Se1)*(1-Se2)+(1-P1)*Sp1*Sp2$

- 5 parameter and 3 degrees of freedom
- Non identifiable model