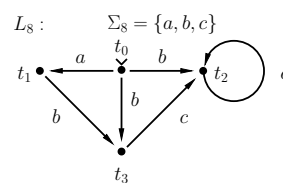
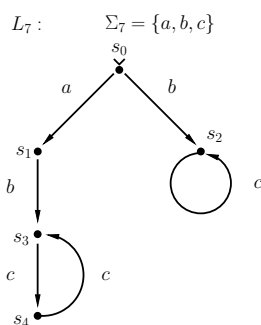
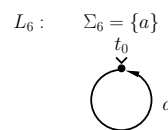
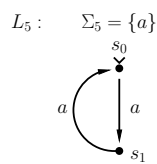
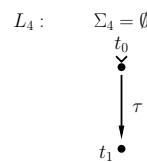
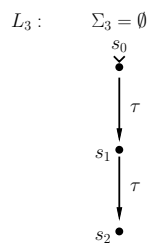
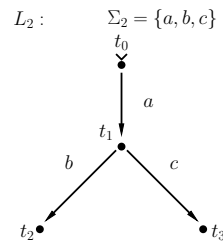
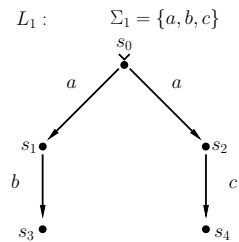


1. Consider the following LTSs L_1 to L_8 .



- Is it the case that $L_1 \sim L_2$?
- Is it the case that $L_3 \sim L_4$?
- Is it the case that $L_5 \sim L_6$?
- Is it the case that $L_7 \sim L_8$?

(In each case, either find a bisimulation relation to show that the two LTSs are bisimilar, or show that no such bisimulation relation exists.)