

Results for RCXP (in 00:00:03.460):

NB_EV: 19
AP: AP1
NB_AP: 3
NB_MAY: -1
NB_MUST_MINUS: -1
NB_MUST_PLUS: -1
NB_MUST_SHARP: -1
NB_AS: 6
NB_AS_RCHD: 6
TAU_AS: 100.00
NB_AT: 60
NB_AT_RCHD: 56
TAU_AT: 93.33
NB_EXPECTED_AS: 6
NB_EXPECTED_AS_RCHD: 6
TAU_EXPECTED_AS: 100.00
NB_EXPECTED_AT: 56
NB_EXPECTED_AT_RCHD: 56
TAU_EXPECTED_AT: 100.00
NB_CS: 71
NB_CS_RCHD: 59
NB_CT: 129
NB_CT_RCHD: 120
RHO_CS: 83.10
RHO_CT: 93.02
NB_TESTS: 8
NB_STEPS: 233

TESTS:

c0q6 = AC=0, Be=0, CS=0, De=0, Do=0, Gl=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Opening]-> c3q4 = AC=0, Be=0, CS=0, De=0, Do=1, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c3q4 = AC=0, Be=0, CS=0, De=0, Do=1, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Ch_Sec_Activation]-> c14q0 = AC=0, Be=0, CS=1, De=0, Do=1, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c14q0 = AC=0, Be=0, CS=1, De=0, Do=1, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Closing]-> c32q2 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c32q2 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Locking]-> c45q0 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c45q0 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c47q0 = AC=0, Be=0, CS=1, De=1, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c47q0 = AC=0, Be=0, CS=1, De=1, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c48q0 = AC=0, Be=0, CS=1, De=2, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c48q0 = AC=0, Be=0, CS=1, De=2, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c49q0 = AC=0, Be=0, CS=1, De=3, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c49q0 = AC=0, Be=0, CS=1, De=3, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c50q0 = AC=0, Be=0, CS=1, De=4, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c50q0 = AC=0, Be=0, CS=1, De=4, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c27q0 = AC=0, Be=0, CS=1, De=5, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c27q0 = AC=0, Be=0, CS=1, De=5, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c51q0 = AC=0, Be=0, CS=1, De=6, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c51q0 = AC=0, Be=0, CS=1, De=6, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c52q0 = AC=0, Be=0, CS=1, De=7, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c52q0 = AC=0, Be=0, CS=1, De=7, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c53q0 = AC=0, Be=0, CS=1, De=8, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c53q0 = AC=0, Be=0, CS=1, De=8, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c54q0 = AC=0, Be=0, CS=1, De=9, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c54q0 = AC=0, Be=0, CS=1, De=9, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c55q0 = AC=0, Be=0, CS=1, De=10, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c55q0 = AC=0, Be=0, CS=1, De=10, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Alarm_Activation]-> c28q1 = AC=1, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=0, Us=1, Wa=0
c28q1 = AC=1, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=0, Us=1, Wa=0 - [Alarm_Deactivation]-> c43q1 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=0, Us=1, Wa=0
c43q1 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Unlocking]-> c32q2 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c32q2 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Light_Activation]-> c46q2 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=1, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c46q2 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=1, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Light_Deactivation]-> c32q2 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c32q2 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Car_Moving]-> c35q0 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c35q0 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Glasses_Opening]-> c34q0 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=1, Li=0, Lo=0, Mv=1, Tr=0, Us=1, Wa=0
c34q0 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=1, Li=0, Lo=0, Mv=1, Tr=0, Us=1, Wa=0 - [Car_Stopping]-> c30q0 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=1, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c30q0 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=1, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Opening]-> c16q0 = AC=0, Be=0, CS=1, De=0, Do=1, Gl=1, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c16q0 = AC=0, Be=0, CS=1, De=0, Do=1, Gl=1, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Ch_Sec_Deactivation]-> c15q4 = AC=0, Be=0, CS=0, De=0, Do=1, Gl=1, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c15q4 = AC=0, Be=0, CS=0, De=0, Do=1, Gl=1, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Closing]-> c4q4 = AC=0, Be=0, CS=0, De=0, Do=0, Gl=1, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c4q4 = AC=0, Be=0, CS=0, De=0, Do=0, Gl=1, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Opening]-> c15q4 = AC=0, Be=0, CS=0, De=0, Do=1, Gl=1,

SET EXPECTED AS:

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q0 = -(p0 = CS=0), -(p1 = and(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, Ac=0)), -(p2 = and(Tr=0, Lo=1, Do=0, Us=1))
q1 = -(p0 = CS=0), -(p1 = and(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, Ac=0)), -(p2 = and(Tr=0, Lo=1, Do=0, Us=1))
q2 = -(p0 = CS=0), (p1 = and(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, Ac=0)), -(p2 = and(Tr=0, Lo=1, Do=0, Us=1))
q4 = (p0 = CS=0), -(p1 = and(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, Ac=0)), -(p2 = and(Tr=0, Lo=1, Do=0, Us=1))
q5 = (p0 = CS=0), -(p1 = and(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, Ac=0)), -(p2 = and(Tr=0, Lo=1, Do=0, Us=1))
q6 = (p0 = CS=0), (p1 = and(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, Ac=0)), -(p2 = and(Tr=0, Lo=1, Do=0, Us=1))

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SET_RCHD_EXPECTED_AT:

SET_UNRCHD_AS:

SET_UNRCHD_EXPECTED_AS:

SET_UNRCHD_AT:

$q0 = \neg(p0 \wedge CS=0), \neg(p1 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p2 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$
 $\neg(p3 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p4 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$
 $q0 = \neg(p0 = CS=0), \neg(p1 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p2 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$
 $\neg(p3 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p4 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$
 $q2 = \neg(p0 = CS=0), \neg(p1 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p2 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$
 $q4 = \neg(p0 = CS=0), \neg(p1 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p2 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$
 $\neg(p3 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p4 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$
 $q4 = \neg(p0 = CS=0), \neg(p1 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p2 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$
 $\neg(p3 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p4 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$
 $q6 = \neg(p0 = CS=0), \neg(p1 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p2 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$
 $\neg(p3 = \text{and}(Tr=0, Mv=0, Do=0, Us=1, Lo=0, Gl=0, AC=0)), \neg(p4 = \text{and}(Tr=0, Lo=1, Do=0, Us=1))$

SET_UNRCHD_EXPECTED_AT:

TIME_ATS: 00:00:03.460

TIME_TESTS: 00:00:00.005