```
Results for CXP (in 00:00:00.520):
NB EV: 11
AP: AP0
NB_AP: 3
NB_MAY: -1
NB_MUST_MINUS: -1
NB MUST PLUS: -1
NB MUST SHARP: -1
NB AS: 5
NB AS RCHD: 4
TAU AS: 80.00
NB AT: 21
NB_AT_RCHD: 12
TAU AT: 57.14
NB_EXPECTED_AS: 5
NB_EXPECTED_AS_RCHD: 4
TAU EXPECTED AS: 80.00
NB EXPECTED AT: 2
NB EXPECTED AT RCHD: 0
TAU_EXPECTED_AT: 0.00
NB CS: 44
NB CS RCHD: 11
NB CT: 33
NB CT RCHD: 12
RHO CS: 25.00
RHO CT: 36.36
NB TESTS: 4
NB_STEPS: 19
TESTS:
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
C3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ powerDown ]-> c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=0
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
c3g3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c6q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=2
c6q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=0
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
c3g3 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[ insert50 ]-> c12g2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0,
Status=1
c12q2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[ cofReq ]-> c26q2 = AskChange=0, AskCof=1, Balance=50, CofLeft=6, Pot=0,
Status=1
c26q2 = AskChange=0, AskCof=1, Balance=50, CofLeft=6, Pot=0, Status=1 -[ serveCof ]-> c36q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=5, Pot=50, Status=1
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ insert50 ]-> c12q2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0,
Status=1
cl2q2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[insert100]-> c27q2 = AskChange=0, AskCof=0, Balance=150, CofLeft=6, Pot=0, Status=1 c27q2 = AskChange=0, AskCof=0, Balance=150, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Status=1 -[insert50]-> c29q2 = AskChange=0, Status=1 -[insert50]-> c29q2 =
Pot=0. Status=1
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
c3g3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert50]-> c12g2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0,
Status=1
cl2q2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c25q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ insert100 ]-> c9q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=6,
Pot=0, Status=1 c9q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2lq1 -[ autoOut ]-> c2lq1 -[ autoOut ]-[ a
SET_EXPECTED_AS
 q0 = \neg(p0 = and(Status = off[0], Pot >= (MaxPot - 50))), \neg(p1 = Status = on[1]), \neg(p2 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p1 = Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p2 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), \neg(p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Ask
Status=error[2])
q1 = \neg(p0 = and(Status = off[0], Pot >= (MaxPot - 50))), \neg(p1 = Status = on[1]), (p2 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), and (Status = on[1], AskChange = 0, AskCof = 0, Balance = 0, AskCof = 0, 
Status=error[2]))
 q2 = \neg(p0 = and(Status = off[0], Pot >= (MaxPot - 50))), (p1 = Status = on[1]), \neg(p2 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), Status = error(2]))
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q3 = \neg(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), (p1 = Status=on[1]), (p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2]))
        q4 = (p0 = and(Status=off[0], Pot >= (MaxPot - 50))), \ \neg(p1 = Status=on[1]), \ \neg(p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2])) 
        \begin{array}{l} \text{SET\_RCHD\_AS:} \\ \text{q0} = \neg(\text{p0} = \text{and}(\text{Status=off[0]}, \text{ Pot} >= (\text{MaxPot - 50}))), \ \neg(\text{p1} = \text{Status=on[1]}), \ \neg(\text{p2} = \text{or}(\text{and}(\text{Status=on[1]}, \text{AskChange=0}, \text{AskCof=0}, \text{Balance=0}), \ \neg(\text{p2} = \text{or}(\text{and}(\text{Status=on[1]}, \text{AskChange=0}, \text{AskCof=0}, \text{Balance=0}), \ \neg(\text{p3} = \text{and}(\text{Status=on[1]}, \text{AskChange=0}, \text{AskCof=0}, \text{Balance=0}), \ \neg(\text{p3} = \text{p3} = \text{p3}, \text{p3}
       Status=error[2]))
q1 = \neg(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), \neg(p1 = Status=on[1]), (p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0),
        Status=error[2]))
        g2 = \neg(p0 = and(Status = off[0], Pot >= (MaxPot - 50))), (p1 = Status = on[1], \neg(p2 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0)).
       Status=error[2]))
       q3 = \neg(p0 = and(Status = off[0], Pot >= (MaxPot - 50))), (p1 = Status = on[1]), (p2 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p3 = or(and(Status = on[1], AskChange = 0, AskCof = 0, AskCof
       Status=error[2]))
       Status=error[2]))
       q1 = \neg(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), \neg(p1 = Status=on[1]), (p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), and a status=on[1] and a status=on[1] and a status=on[1] are status=on[1] and a status=on[1] are status=on[1] and a status=on[1] are stat
       Status=error[2]))
                                   \neg(p0 = and(Status = off[0], Pot >= (MaxPot - 50))), (p1 = Status = on[1]), \neg(p2 = or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0), (p1 = Status = on[1], Or(and(Status = on[1], AskChange = 0, AskCof = 0, Balance = 0))
       Status=error[2]))
       33 = -(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), (p1 = Status=on[1]), (p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0),
       Status=error[2]))
       SET_EXPECTED_AT:
     SET_EXPECTED_AT: q1 = -(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), \neg(p1 = Status=on[1]), (p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2])) -[ powerDown]-> pade = pad
SET_RCHD_EXPECTED_AT:
        \begin{array}{l} \mathsf{SET\_UNRCHD\_EXPECTED\_AS:} \\ \mathsf{q4} = (\mathsf{p0} = \mathsf{and}(\mathsf{Status=onf[0]}, \ \mathsf{Pot} >= (\mathsf{MaxPot} \ \mathsf{-} \ \mathsf{50}))), \ \neg(\mathsf{p1} = \mathsf{Status=on[1]}), \ \neg(\mathsf{p2} = \mathsf{or}(\mathsf{and}(\mathsf{Status=on[1]}, \ \mathsf{AskChange=0}, \ \mathsf{AskCof=0}, \ \mathsf{Balance=0}), \\ \end{array} 
       Status=error[2]))
   SET_UNRCHD_AT:

q0 = q(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2])) -[ addCof ]-> q0 = ¬(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1]), ¬(p2 = or(an
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AskChange=0, AskCof=0, Balance=0), Status=error[2]))
q4 = (p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2])) -[ addCof ]-> q4 = (p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1]), ¬(p2 =
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TIME_ATS: 00:00:00.520
TIME TESTS: 00:00:00.000