```
Results for CXPASO (in 00:00:00.897):
NB EV: 11
AP: AP1
NB AP: 3
NB_MAY: -1
NB_MUST_MINUS: -1
NB MUST PLUS: -1
NB MUST SHARP: -1
NB AS: 4
NB AS RCHD: 4
TAU AS: 100.00
NB AT: 23
NB_AT_RCHD: 16
TAU AT: 69.57
NB_EXPECTED_AS: 4
NB_EXPECTED_AS_RCHD: 4
TAU EXPECTED AS: 100.00
NB EXPECTED AT: 1
NB EXPECTED AT RCHD: 0
TAU_EXPECTED_AT: 0.00
NB CS: 31
NB CS RCHD: 15
NB CT: 27
NB CT RCHD: 16
RHO CS: 48.39
RHO CT: 59.26
NB TESTS: 5
NB_STEPS: 26
TESTS:
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
clq1 = 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 ]-> clq1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
clq1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ insert100 ]-> c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6,
Pot=0, Status=1 c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ insert100 ]-> c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6,
Pot=0, Status=1 c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c7q2 = AskChange=1, AskCof=0, Status=1 -[ changeReq ]-> c7q2 -[ changeReq ]-> c7q2 -[ changeReq ]-[ cha
Pot=0, Status=1
c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c12q0 = AskChange=1, AskCof=0, Balance=200, CofLeft=6,
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ insert100 ]-> c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6,
Pot=0, Status=1

C3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ cofReq ]-> c1lq4 = AskChange=0, AskCof=1, Balance=100, CofLeft=6,
Pot=0, Status=1

cl1q4 = AskChange=0, AskCof=1, Balance=100, CofLeft=6, Pot=0, Status=1 -[ serveCof ]-> c14q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=5, Pot=50, Status=1
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1 clq1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert100]-> c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[insert100]-> c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = 
Status=1
c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c13q0 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=2
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ insert100 ]-> c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6,
Pot=0, Status=1 c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ insert100 ]-> c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6,
C4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c6q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6,
Pot=0, Status=2 c6q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]- c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]- c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[ powerDown ]- c9q0 = AskChange=0, Status=2 -[ powerDown ]- c9q0 = AskC
Pot=0, Status=0
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
clq1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ insert50 ]-> c5q1 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0,
Status=1
```

c5q1 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[changeReq]-> c10q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=6,

```
Pot=0, Status=1 c10q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 -[ backBalance ]-> 
          Pot=0, Status=1 clq1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c2q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
            Status=2
            SET_EXPECTED_AS:
                                                         \neg (p0 = and(Status = on[1], Balance >= 50, AskCof = 1, Cof Left > 0)), \neg (p1 = and(Status = on[1], Balance > 0, AskChange = 1)), \neg (p2 = and(Status = on[1], Balance > 0, AskChange = 1)), \neg (p2 = and(Status = on[1], Balance > 0, AskChange = 1)), \neg (p2 = and(Status = on[1], Balance > 0, AskChange = 1)), \neg (p2 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬ (p3 = and(Status = on[1], Balance > 0, AskChange = 1)), ¬
      q0 = ¬(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ¬(p1 = and(Status=on[1], Balance > 0, AskChange=1)), ¬(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
q1 = ¬(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ¬(p1 = and(Status=on[1], Balance > 0, AskChange=1)), (p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
q2 = ¬(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), (p1 = and(Status=on[1], Balance > 0, AskChange=1)), ¬(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
q4 = (p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ¬(p1 = and(Status=on[1], Balance > 0, AskChange=1)), ¬(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
          SET_RCHD_AS:

q\theta = \neg(p\theta = 0)
         \begin{aligned} & \mathsf{SET}_\mathsf{RCHD}_\mathsf{AS:} \\ & \emptyset = \neg(\mathsf{p}\emptyset = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{Balance} >= 50, \; \mathsf{AskCof=1}, \; \mathsf{CofLeft} > 0)), \; \neg(\mathsf{p}1 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{Balance} > 0, \; \mathsf{AskChange=1})), \; \neg(\mathsf{p}2 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{AskChange=0}, \; \mathsf{AskCof=0}, \; \mathsf{MaxBal} >= (\mathsf{Balance} + 50))) \\ & \emptyset = \neg(\mathsf{p}0 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{Balance} >= 50, \; \mathsf{AskCof=1}, \; \mathsf{CofLeft} > 0)), \; \neg(\mathsf{p}1 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{Balance} > 0, \; \mathsf{AskChange=1})), \; (\mathsf{p}2 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{AskChange=0}, \; \mathsf{AskCof=0}, \; \mathsf{MaxBal} >= (\mathsf{Balance} + 50))) \\ & \emptyset = \neg(\mathsf{p}0 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{Balance} >= 50, \; \mathsf{AskCof=1}, \; \mathsf{CofLeft} > 0)), \; (\mathsf{p}1 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{Balance} > 0, \; \mathsf{AskChange=1})), \; \neg(\mathsf{p}2 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{AskChange=0}, \; \mathsf{AskCof=0}, \; \mathsf{MaxBal} >= (\mathsf{Balance} + 50))) \\ & \emptyset = \neg(\mathsf{p}0 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{Balance} >= 50, \; \mathsf{AskCof=1}, \; \mathsf{CofLeft} > 0)), \; \neg(\mathsf{p}1 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{Balance} > 0, \; \mathsf{AskChange=1})), \; \neg(\mathsf{p}2 = \mathsf{and}(\mathsf{Status=on}[1], \; \mathsf{AskChange=0}, \; \mathsf{AskChange=0}), \; \mathsf{AskCof=0}, \; \mathsf{MaxBal} >= (\mathsf{Balance} + 50)) \end{aligned}
          SET_RCHD_EXPECTED_AS:
       \begin{array}{l} \text{SEI} & \text{RCHD} & \text{EXPECTED} & \text{As:} \\ 0 & = & & \text{nd} (\text{Status} = \text{on}[1], \text{ Balance} >= 50, \text{ AskCof} = 1, \text{ CofLeft} > 0)), \\ \neg (\text{p1} & = & \text{and} (\text{Status} = \text{on}[1], \text{ Balance} > 0, \text{ AskChange} = 1)), \\ \neg (\text{p2} & = & \text{and} (\text{Status} = \text{on}[1], \text{ AskChange} = 0, \text{ AskCof} = 0, \text{ MaxBal} >= (\text{Balance} + 50))) \\ \text{q1} & = & & \text{q0} & = & \text{and} (\text{Status} = \text{on}[1], \text{ Balance} > 50, \text{ AskCof} = 1, \text{ CofLeft} > 0)), \\ \text{q2} & = & & \text{q0} & = & \text{and} (\text{Status} = \text{on}[1], \text{ Balance} > 50, \text{ AskCof} = 0, \text{ MaxBal} >= (\text{Balance} + 50))) \\ \text{q2} & = & & \text{q0} & = & \text{and} (\text{Status} = \text{on}[1], \text{ Balance} > 50, \text{ AskCof} = 0, \text{ CofLeft} > 0)), \\ \text{q3} & = & \text{q0} & = & \text{and} (\text{Status} = \text{on}[1], \text{ AskChange} = 0, \text{ AskCof} = 0, \text{ MaxBal} >= (\text{Balance} + 50))) \\ \text{q4} & = & & \text{q0} & = & \text{and} (\text{Status} = \text{on}[1], \text{ Balance} > 50, \text{ AskCof} = 1, \text{ CofLeft} > 0)), \\ \text{q4} & = & & \text{q0} & = & \text{and} (\text{Status} = \text{on}[1], \text{ Balance} > 50, \text{ AskCof} = 0, \text{ MaxBal} >= (\text{Balance} + 50))) \\ \text{q5} & = & \text{q0} & = & \text{q0} & \text{q0} & \text{q0} & \text{q0} \\ \text{q5} & = & \text{q0} & = & \text{q0} & \text{q0} & \text{q0} \\ \text{q5} & = & \text{q0} & = & \text{q0} & \text{q0} \\ \text{q6} & = & \text{q0} & = & \text{q0} & \text{q0} \\ \text{q6} & = & \text{q0} & = & \text{q0} & \text{q0} \\ \text{q7} & = & \text{q0} & = & \text{q0} \\ \text{q7} & = & \text{q0} & = & \text{q0} & \text{q0} \\ \text{q7} & = & \text{q0} & = & \text{q0} \\ \text{q7} & = & \text{q0} & = & \text{q0} \\ \text{q8} & = & \text{q0} & = & \text{q0} \\ \text{q9} & = & \text{q0} & = & \text{q0} \\ \text{q9} & = & \text{q0} & = & \text{q0} \\ \text{q9} & = & \text{q0} & = & \text{q0} \\ \text{q9} & = & \text{q0} & = & \text{q0} \\ \text{q9} & = & \text{q0} & = & \text{q0} \\ \text{q9} & = & \text{q0} & = & \text{q0} \\ \text{q9} & = & \text{q0} & = & \text{q0} \\ \text{q9} & = & \text{q0} & = & \text{q0} \\ \text{q9} & = & \text{q0} & = & \text{q0} \\ \text{q9} & = 
          SET EXPECTED AT
          At = (p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ¬(p1 = and(Status=on[1], Balance > 0, AskChange=1)), ¬(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50))) -[ serveCof ]-> q0 = ¬(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ¬(p1 = and(Status=on[1], Balance >= 0, AskChange=1)), ¬(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
SET_RCHO_AT.

SET_RCHO_EXCLORUP.

SET_RCHO_AT.

SET_RCHO_EXPECTED_AT.

SET_RCHO_EXPECTED_AT
          SET RCHD EXPECTED AT:
          SET UNRCHD AS:
```

SET UNRCHD EXPECTED AS:

```
SET_UNRCHD_AT:
    q0 = -(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance > 0, AskChange=1)), -(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50))) -[ addCof ]-> q0 = -(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskChange=1)), -(p2 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)),
```

Sel_UNNCHD_CATECIEU_AI.

q4 = (p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ¬(p1 = and(Status=on[1], Balance > 0, AskChange=1)), ¬(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50))) -[serveCof]-> q0 = ¬(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ¬(p1 = and(Status=on[1], Balance > 0, AskChange=1)), ¬(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))

TIME ATS: 00:00:00.897 TIME TESTS: 00:00:00.000