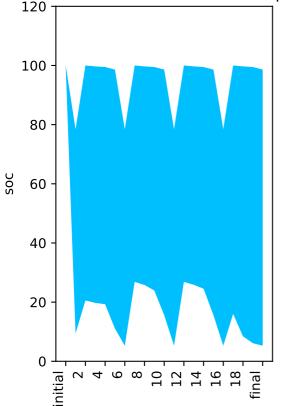
Possible values of soc over the sequence



```
Power uncertainties
       chrg gen=[2.1,4.2]
       dsn cons=[1.12,3.26]
       sbo cons=[0.0587,0.641]
      tcmh cons = [0.0434, 0.45]
     tcmdv cons=[0.168, 0.168]
Science uncertainties
        sbo qen=[2.45,5.63]
      dsn speed=[3.14,8.43]
Navigation uncertainties
        sbo imp=[0.0245, 1.14]
      dsn \ noise=[1.08, 1.09]
     chrg noise=[0.455, 1.66]
   tcm dv noise=[1.29, 1.41]
tcm dv progress=[0.0903,0.568]
Initial conditions
    battery soc=99.6
   science data=87.1
  trai. est. u.=69.5
Constraints @ each step
   min soc exit=5.27
min time alloc=5.13
Optimization bounds
    average soc=[17.2,95.1]
  trai. est. u.=[24.6.858]
  rel. progress=[0,98.1]
  total science=[50.3,383]
```