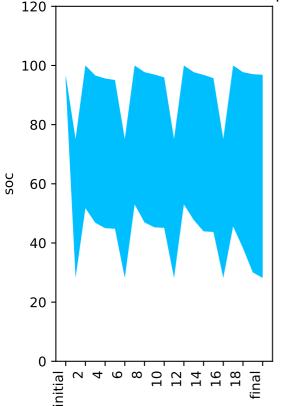
## Possible values of soc over the sequence



```
Power uncertainties
       chrq gen=[2.25,3.2]
       dsn cons=[0.908,3.48]
       sbo cons=[0.291,0.418]
      tcmh cons=[0.0887,0.314]
     tcmdv cons=[0.025, 0.239]
Science uncertainties
        sbo qen=[2.89,4.12]
      dsn speed=[2.91,7.64]
Navigation uncertainties
        sbo imp=[0.633,0.927]
      dsn \ noise=[0.139, 2.09]
     chrg noise=[0.416, 1.72]
   tcm dv noise=[0.293,2.46]
tcm dv progress=[0.0654, 0.723]
Initial conditions
    battery soc=94.5
   science data=69.2
  trai. est. u.=75.3
Constraints @ each step
   min soc exit=28.2
min time alloc=7.76
Optimization bounds
    average soc=[41.9,92.2]
  trai. est. u.=[14.2.470]
  rel. progress=[0,98]
  total science=[136,322]
```