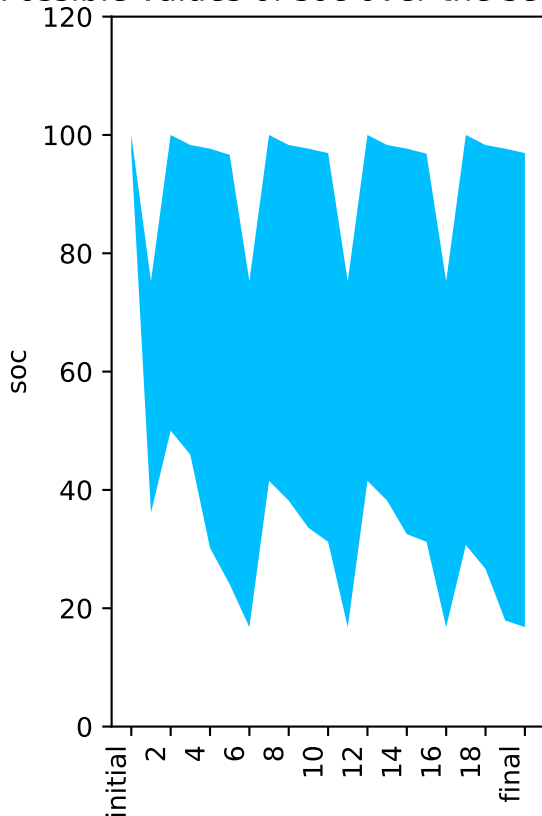# Possible values of soc over the sequence


```
* Power uncertainties
        chrg_gen=[2.4,4.27]
        dsn_cons=[1.25,2.91]
        sbo_cons=[0.294,0.357]
        tcmh_cons=[0.107,0.41]
        tcmdv_cons=[0.128,0.194]
* Science uncertainties
        sbo_gen=[4.18,8.81]
        dsn_speed=[4.42,5.89]
* Navigation uncertainties
        sbo_imp=[0.031,1.46]
        dsn_noise=[0.33,1.74]
        chrg_noise=[0.671,1.69]
        tcm_dv_noise=[0.369,2.32]
    tcm_dv_progress=[0.0205,0.694]
* Initial conditions
        battery soc=97.1
        science data=92.5
        traj. est. u.=72.7
* Constraints @ each step
        min soc exit=16.8
    min time alloc=5.79
* Optimization bounds
        average soc=[32.1,93.1]
        traj. est. u.=[19.2,1.49e+03]
        rel. progress=[0,99.5]
        total science=[96.9,400]
```