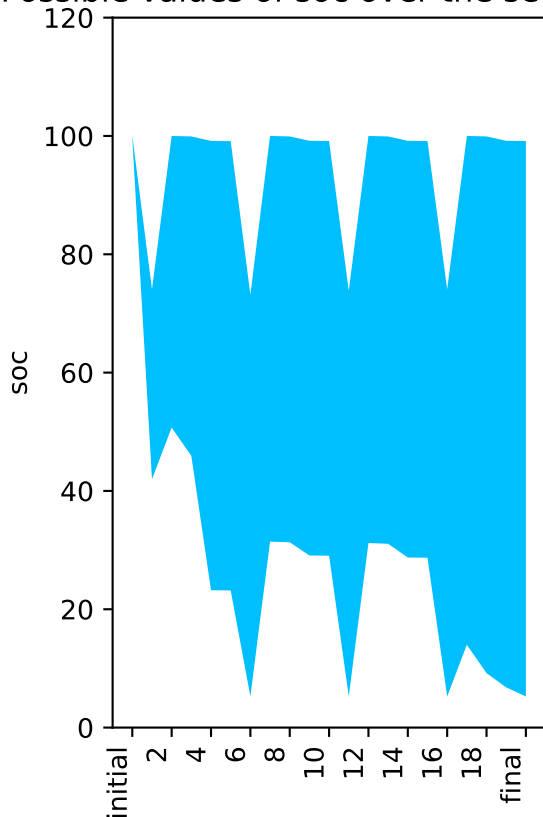# Possible values of soc over the sequence


```
* Power uncertainties
        chrg_gen=[1.7,5.05]
        dsn_cons=[1.38,3]
        sbo_cons=[0.0155,0.585]
        tcmh_cons=[0.144,0.388]
        tcmdv_cons=[0.00713,0.297]
* Science uncertainties
        sbo_gen=[0.478,12.2]
        dsn_speed=[4.53,6.54]
* Navigation uncertainties
        sbo_imp=[0.511,0.803]
        dsn_noise=[0.186,2.19]
        chrg_noise=[0.362,1.65]
        tcm_dv_noise=[0.441,2.24]
    tcm_dv_progress=[0.146,0.464]
* Initial conditions
        battery soc=99.6
        science data=87.1
        traj. est. u.=69.5
* Constraints @ each step
        min soc exit=5.27
    min time alloc=5.13
* Optimization bounds
        average soc=[24.1,94.3]
        traj. est. u.=[54.5,453]
        rel. progress=[21.1,97]
        total science=[10.9,400]
```