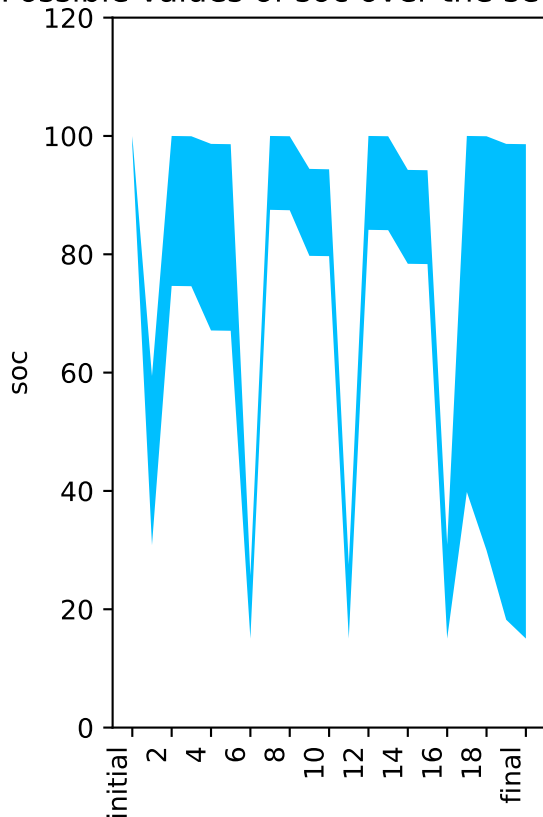# Possible values of soc over the sequence


```
* Power uncertainties
        chrg_gen=[2,3.27]
        dsn_cons=[1.82,2.22]
        sbo_cons=[0.00398,0.737]
        tcmh_cons=[0.104,0.487]
        tcmdv_cons=[0.00409,0.257]
* Science uncertainties
        sbo_gen=[5.41,5.65]
        dsn_speed=[2.02,8.26]
* Navigation uncertainties
        sbo_imp=[0.31,0.772]
        dsn_noise=[0.766,1.25]
        chrg_noise=[0.509,1.66]
        tcm_dv_noise=[0.314,2.47]
        tcm_dv_progress=[0.377,0.613]
* Initial conditions
        battery soc=98.3
        science data=63
        traj. est. u.=69
* Constraints @ each step
        min soc exit=15
        min time alloc=12.4
* Optimization bounds
        average soc=[56.7,85.5]
        traj. est. u.=[43.1,491]
        rel. progress=[0,81.3]
        total science=[269,341]
```