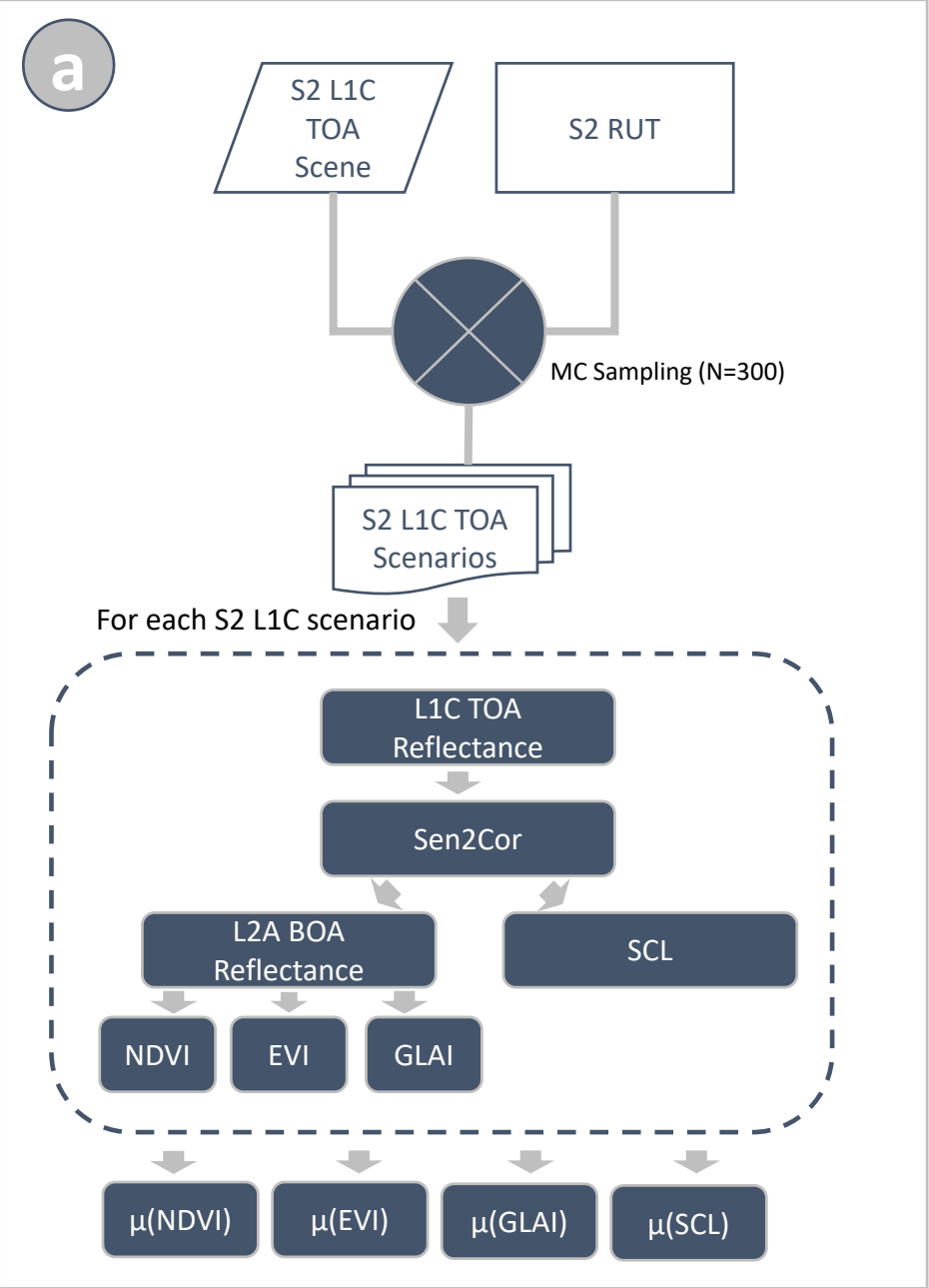
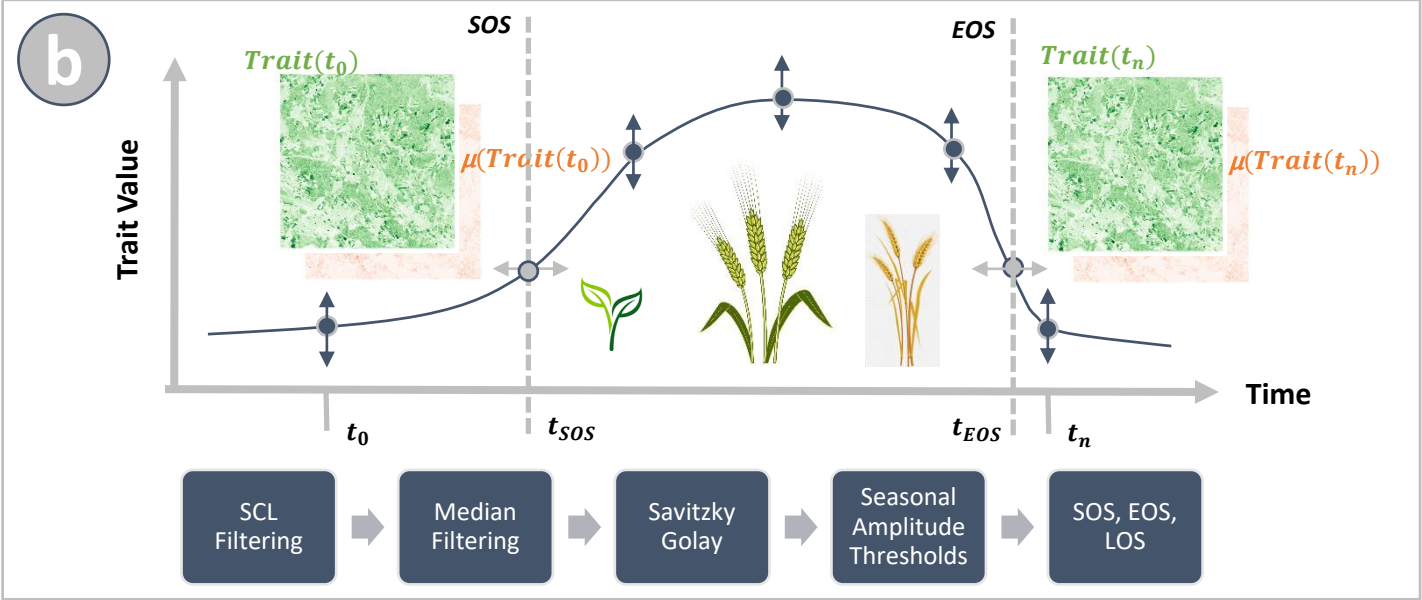


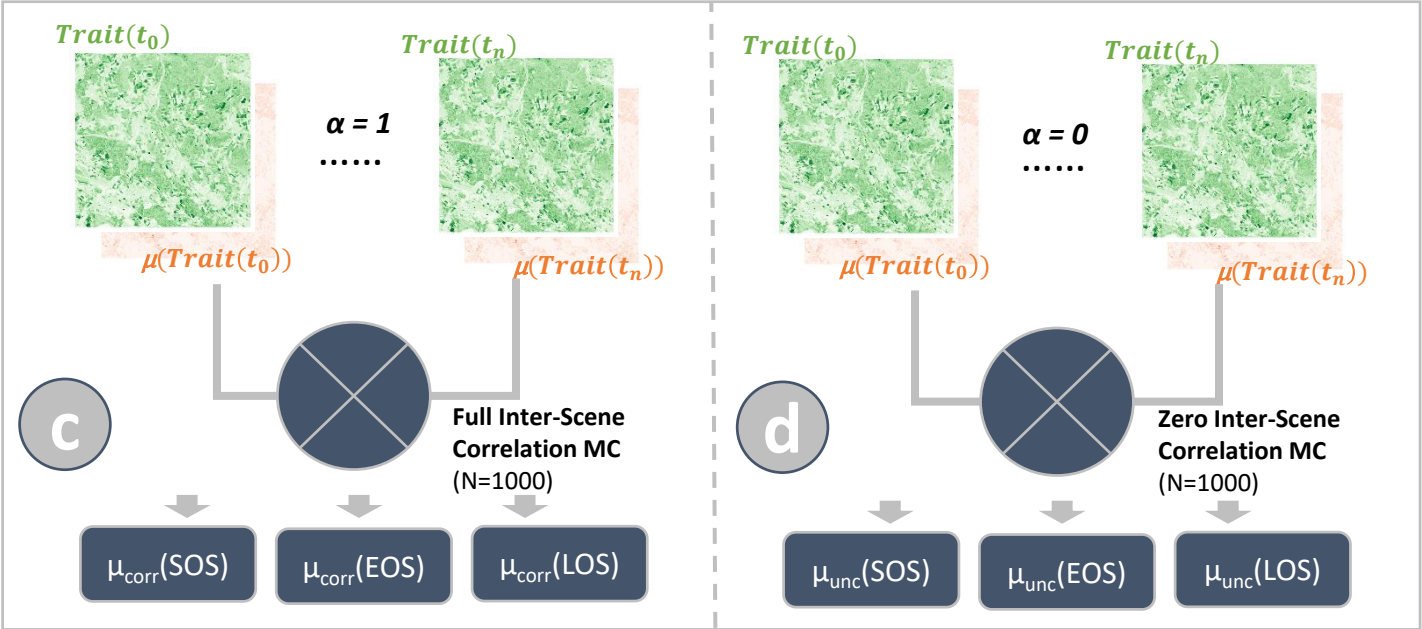
MC Framework 1 (per single S2 scene)



Time Series Processing and Phenology Extraction (multiple S2 scenes over a crop growing season)



MC Framework 2 (multiple S2 scenes over a crop growing season)



BOA = Bottom of Atmosphere; EVI = Enhanced Vegetation Index; EOS = End of Season; GLAI = Green Leaf Area Index; MC = Monte Carlo; LOS = Length of Season; SOS = Start of Season; SCL = Scene Classification Layer; S2 = Sentinel-2; RUT = Radiometric Uncertainty Toolbox; TOA = Top of Atmosphere; μ_{corr} = uncertainty correlated among multi-temporal S2 scenes; μ_{unc} = uncertainty not correlated among multi-temporal S2 scenes.