

Online tuning

Nelder-Mead optimizes tunable parameters P_f of f and P_{ICON} such that ICON-A-MLe $(P_f \cup P_{ICON})$ yields accurate metrics M in T-long simulations

Begin with T = two days, set

to a week/month/year in subsequent iterations

Final ICON-A-MLe model, tested in 20-year simulations

