

HW # 1 notes

* ODE45 or MatHode (matHode has functions that may be needed for future HW eg tangent linear models).

* For HW #1 either will be fine

↗ also diff model @ timestep t
* used in 4DVar.

* Talk # 2 (simple)

• trial class . m

• $rmse \leq \sqrt{\text{variance}}$

↖ t comparison plot will be uploaded.

* Datools → main branch (IAG experiments)

* RMSE + RMSE heatmap gives ensemble/inflation results.