Norms

What measure do we use to check a model is good?

1. Distance between double and single precision (L2-norm)
    + ECMWF and MeteoSwiss are happy with their single precision code.
    - Quite arbitrary.

2. Ensemble spread from operational forecasts.
    + Designed to capture model uncertainty.
    - Ensembles have initial condition uncertainty, our integrations don't.

How many bits?

~80km horizontal resolution