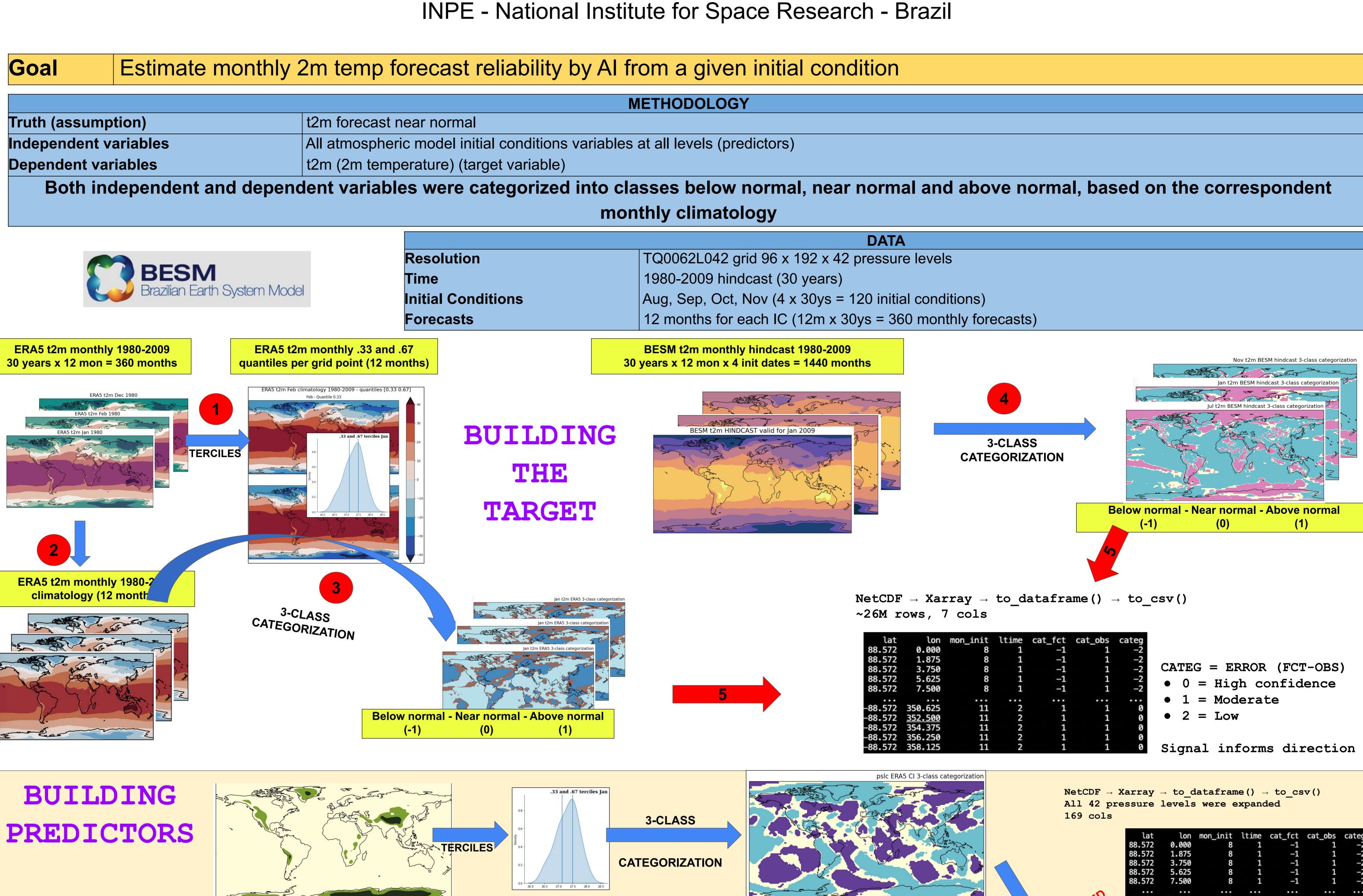








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AI MODELING

ERA5 monthly pressure level

Months: Aug, Sep, Oct, Nov

INITIAL CONDITIONS

Reanalysis 1980-2009

 $30y \times 4 m = 120 ICs$

DECISION
TREE
CLASSIFIER

- Predictors: <all_169_meteo_vars> + lat + lon + cat_fct
- Target: categ

pslc Surface Pressure (hPa)

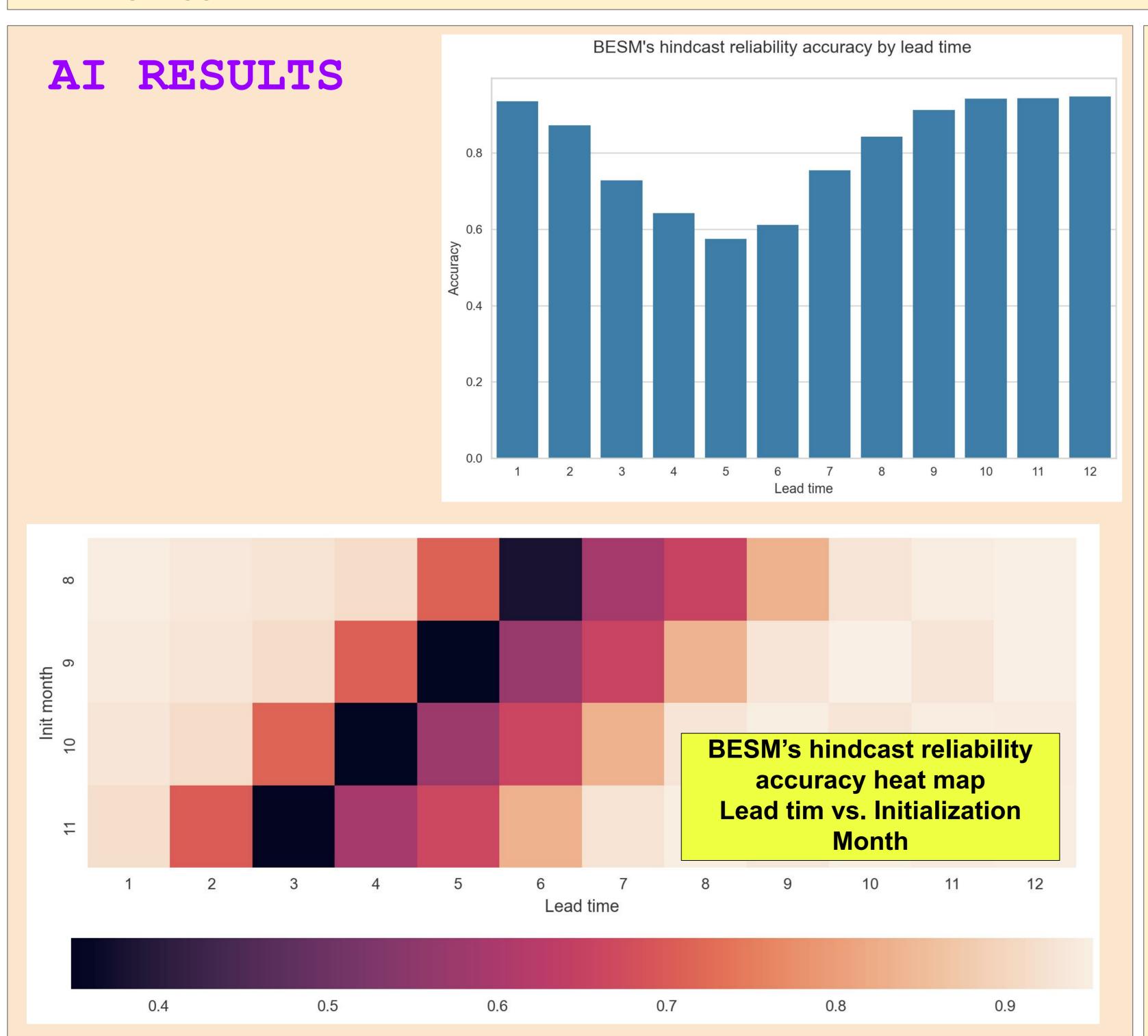
Specific Humidity (kg/kg)

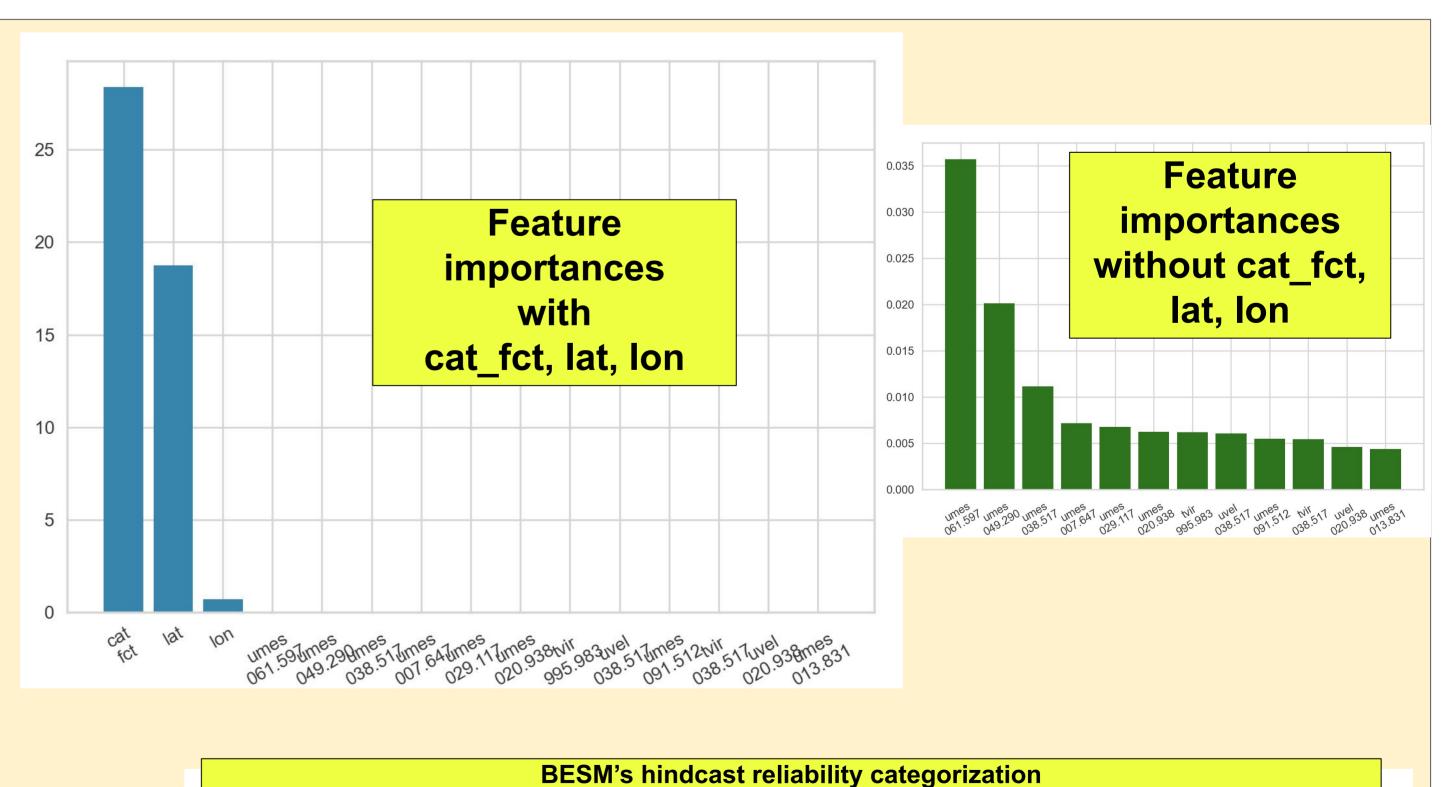
tvir Virt Temperature (K)

vvel Meridional Wind (m/s)

uvel Zonal Wind (m/s)

Loop in init month and lead time → so data were separated at each iteration





pslc tvir_002.042 tvir_007.647 tvir_013.831 tvir_020.938 ... vvel_921.760 vvel_938.427 vvel_953.154 vvel_966.105 vvel_977.447 vvel_987.352 vvel_995.983

