

2.1 Selection of RES lines approximating the EastGRIP flow line

2.2 Extension of the EastGRIP chronology

2.3 Tracing and dating of isochrones

Calculate α_{sur}

Initialize model parameters

Perturbation of model parameters

2.4 Ice-flow model

d_{mod}

Calculate misfit

Calculate acceptance probability

d_{obs}

reject

accept

save

2.5 Monte-Carlo sampling