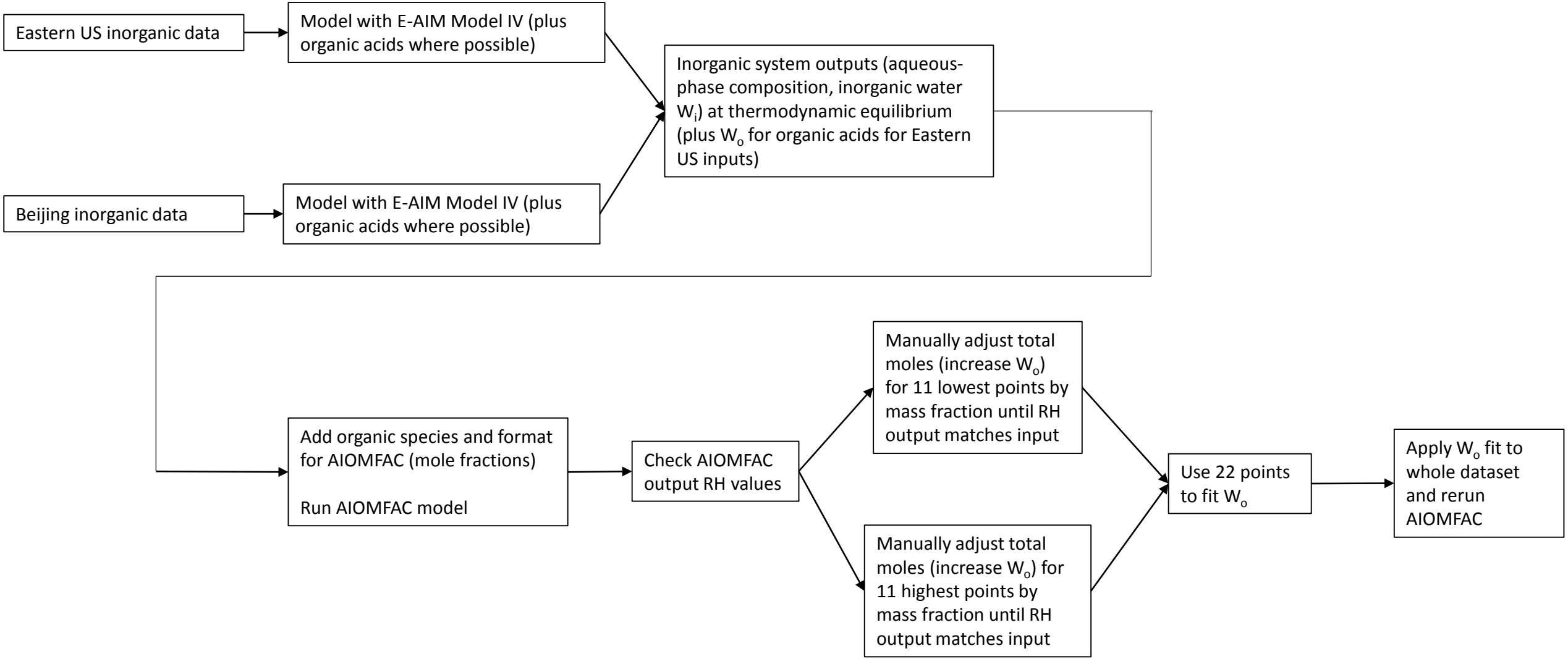
Eastern US inorganic data
Model with E-AIM Model IV (plus organic acids where possible)
Beijing inorganic data
Model with E-AIM Model IV (plus organic acids where possible)
Inorganic system outputs (aqueous-phase composition, inorganic water W_i) at thermodynamic equilibrium (plus W_o for organic acids for Eastern US inputs)
Add organic species and format for AIOMFAC (mole fractions)
Run AIOMFAC model
Check AIOMFAC output RH values
Manually adjust total moles (increase W_o) for 11 lowest points by mass fraction until RH output matches input
Manually adjust total moles (increase W_o) for 11 highest points by mass fraction until RH output matches input
Use 22 points to fit W_o
Apply W_o fit to whole dataset and rerun AIOMFAC