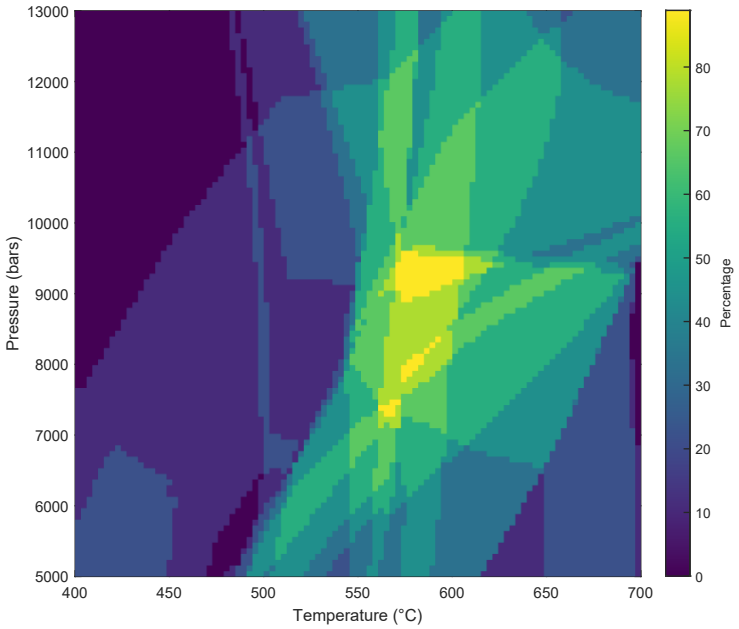
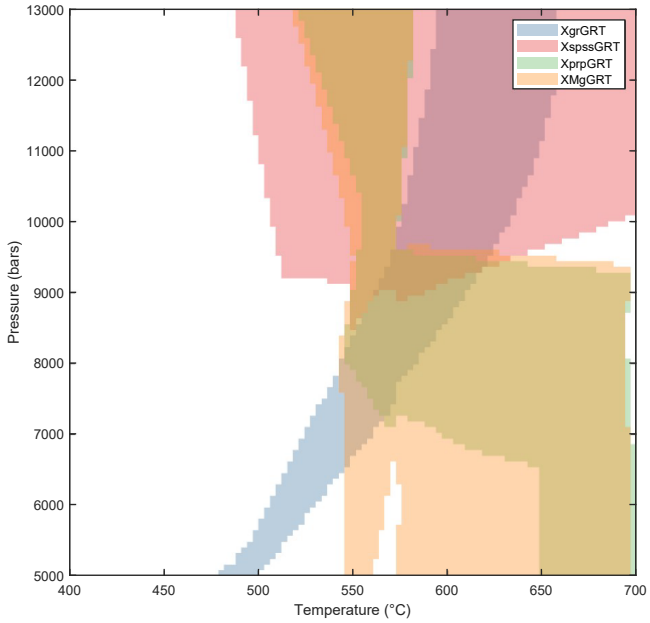
INPUT: raw = 0, sd = 2



L0_fig1: isopleth fields % overlap heatmap

Parameters displayed:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt
Si, X_{Ti}, X_{Mg} in Bt
Si in Mu
X_{Ab} in Na-Fsp

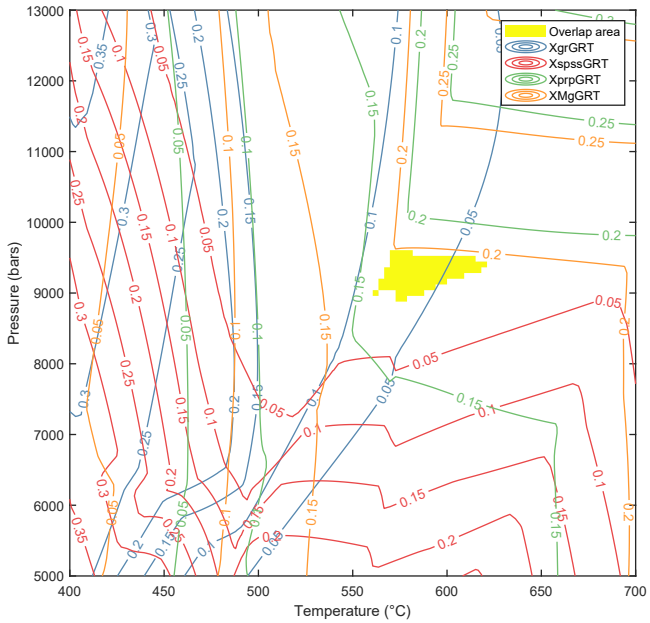
Max = 88.9% (8/9 fields)



L0_fig2: isopleth fields

INPUT:
sd = 2

Parameters displayed:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt

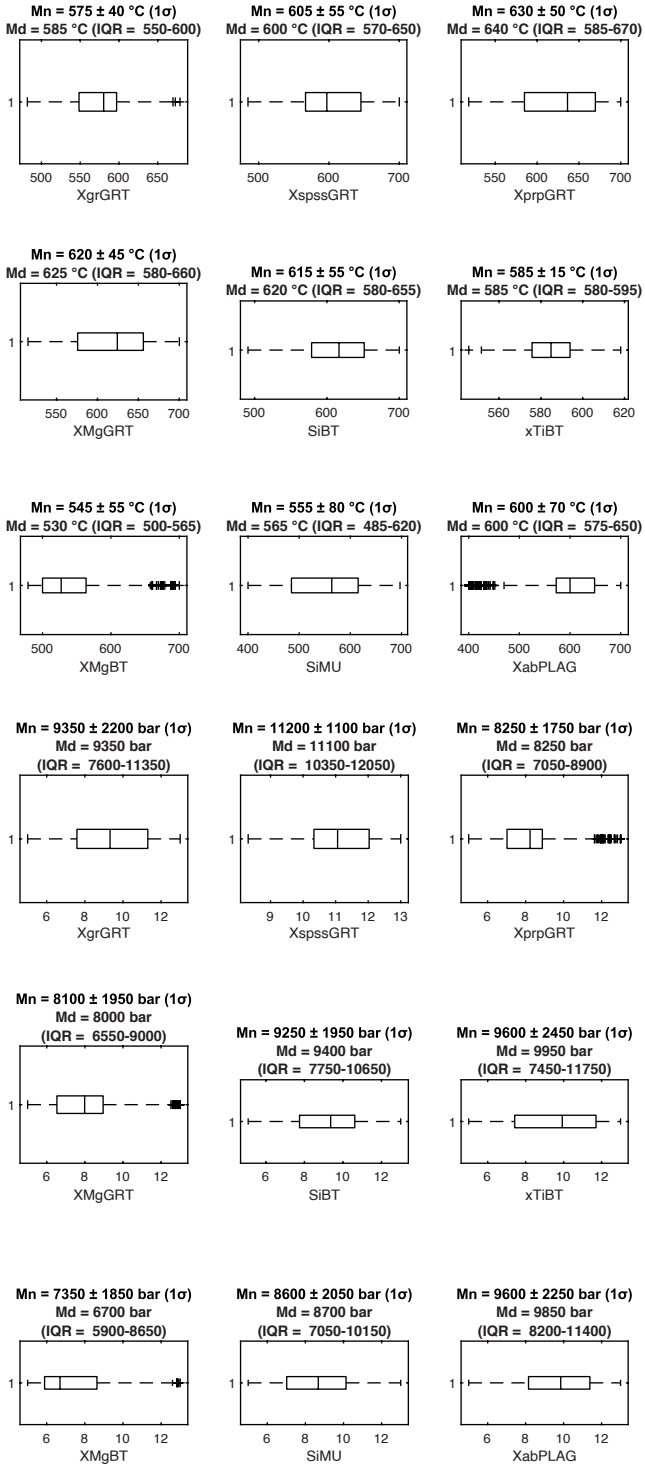


L0_fig3: isopleth contours

INPUT:
sd = 2

Parameters displayed:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt

INPUT: raw = 0, n = 500



L1_fig1: boxplots of parameter temperature uncertainty

data: mean and 1 s.d. OR median and IQ range

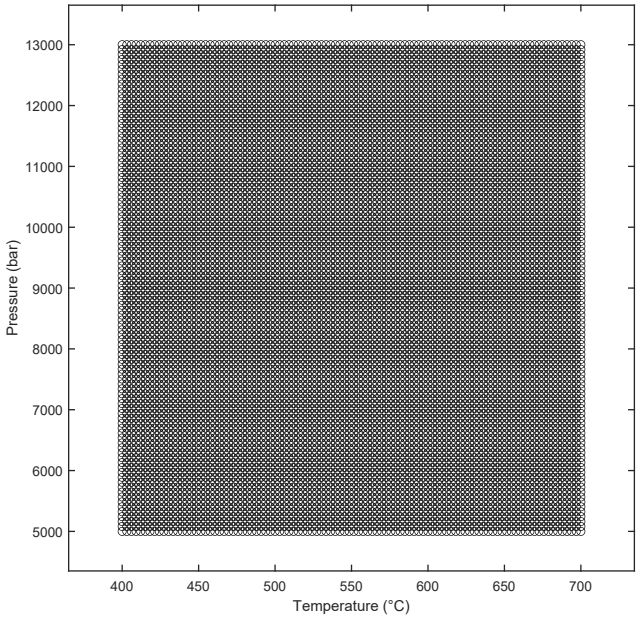
Parameters displayed:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt
Si, X_{Ti}, X_{Mg} in Bt
Si in Mu
X_{Ab} in Na-Fsp

L1_fig2: boxplots of parameter pressure uncertainty

data: mean and 1 s.d. OR median and IQ range

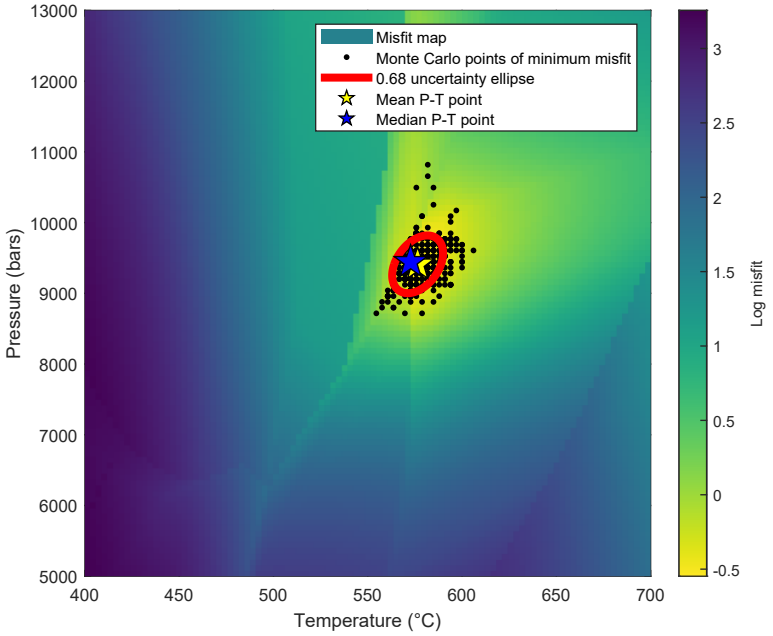
Parameters displayed:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt
Si, X_{Ti}, X_{Mg} in Bt
Si in Mu
X_{Ab} in Na-Fsp

INPUT: raw = 0, bootstrap = 1, iterations = 500, confidence_level = 0.68, boxplots = 0, plot_type = 0, T_bins = 10, P_bins = 10



L2_fig1: model grid

100x100 grid (ensure sufficient overlap)

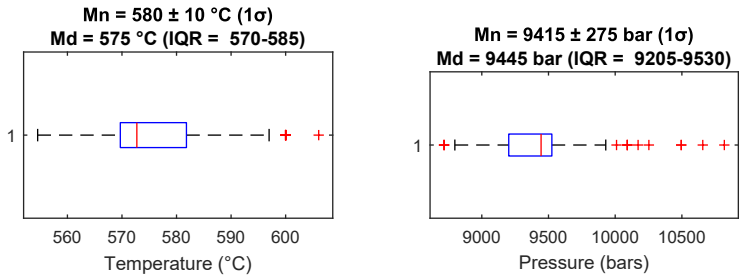


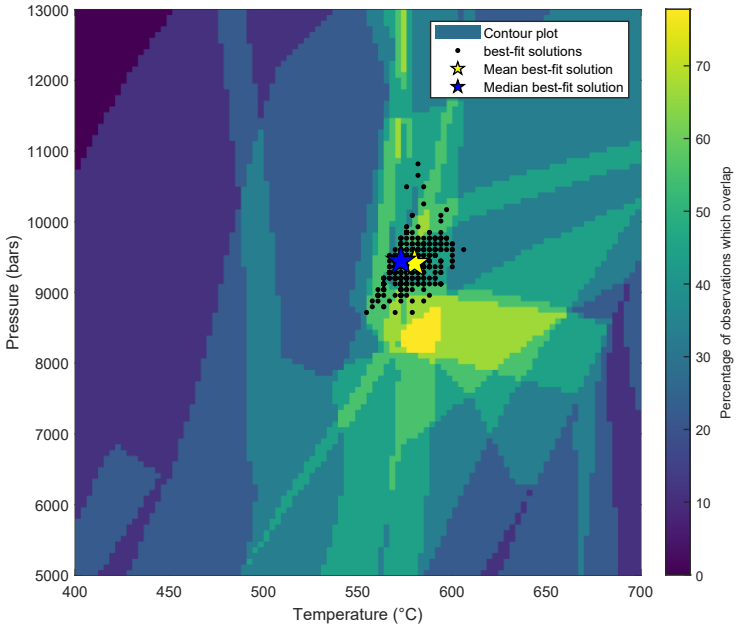
L2_fig2: grid search best-fit solutions

Data: mean ± 1 s.d. or median and IQ range

Parameters displayed:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt
Si, X_{Ti}, X_{Mg} in Bt
Si in Mu
X_{Ab} in Na-Fsp

N.b. best-fit results available for separate processing in output_variables/PT_solutions.csv

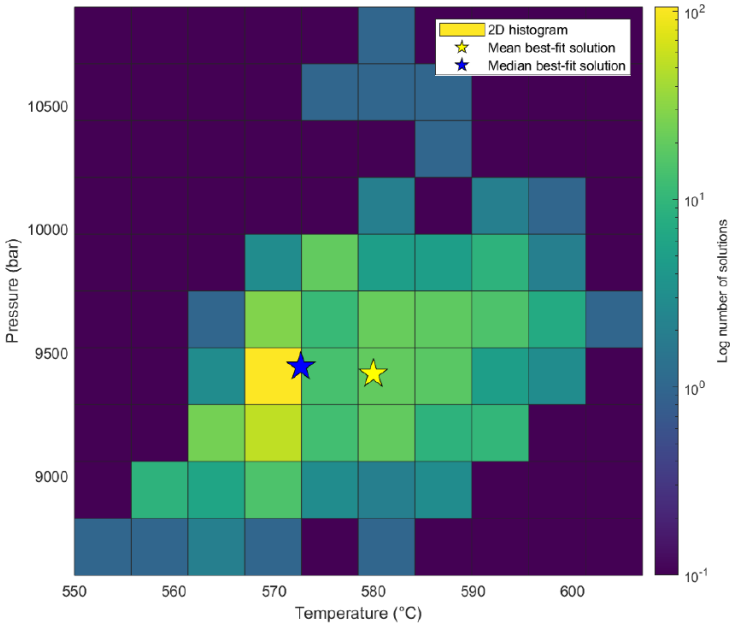




L2_fig3: best-fit solutions and % overlap heatmap

Parameters displayed:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt
Si, X_{Ti}, X_{Mg} in Bt
Si in Mu
X_{Ab} in Na-Fsp

Max = 88.9% (8/9 fields)

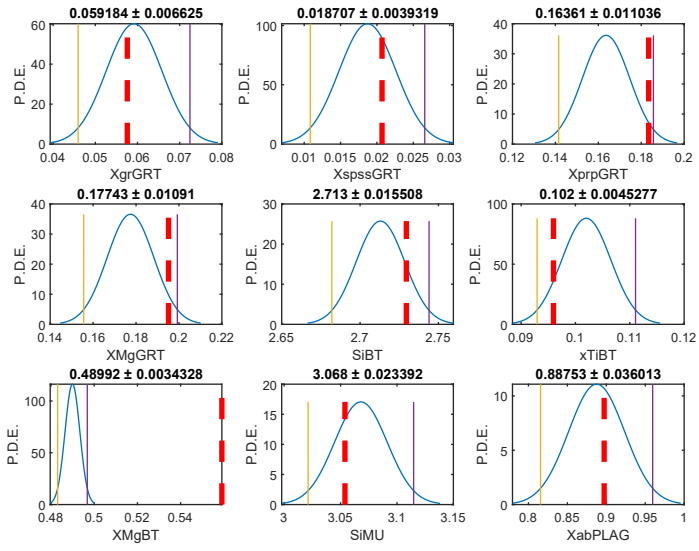


L2_fig4: 2D histogram of best-fit solutions

Parameters displayed:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt
Si, X_{Ti}, X_{Mg} in Bt
Si in Mu
X_{Ab} in Na-Fsp

L3_residuals

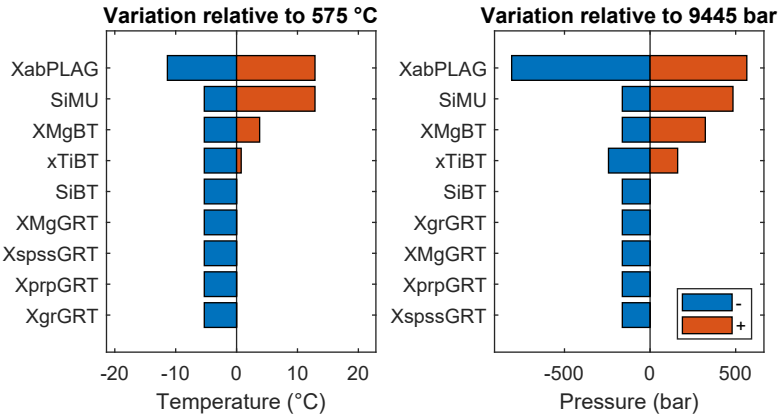
INPUT: raw = 0, T_best = **575**, P_best = **9445**



L3_fig1: residuals at given P-T point

Parameters displayed:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt
Si, X_{Ti}, X_{Mg} in Bt
Si in Mu
X_{Ab} in Na-Fsp

INPUT: raw = 0, bootstrap = 1, iterations = 500, T_best = 575, P_best = 9445



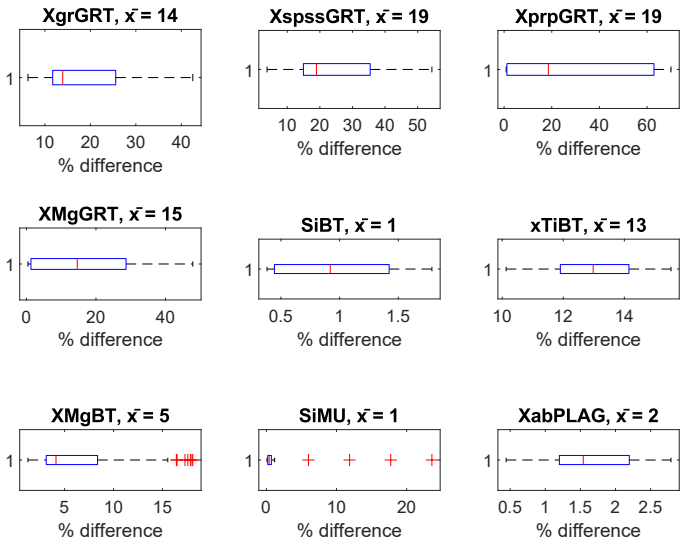
L4_fig1: parameter sensitivity
Tornado plot showing sensitivity of best-fit solutions to uncertainty in input parameters

Parameters displayed:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt
Si, X_{Ti}, X_{Mg} in Bt
Si in Mu
X_{Ab} in Na-Fsp

$\bar{x}$ = median % difference

EXTRA_synthetic_variation

INPUT: threshold = 50, pressure_of_interest = 9000



X_fig1: predicted uncertainty

Parameters included:
X_{Grs}, X_{Spss}, X_{Prp}, X_{Mg} in Grt
Si, X_{Ti}, X_{Mg} in Bt
Si in Mu
X_{Ab} in Na-Fsp

$\bar{x}$ = median % difference