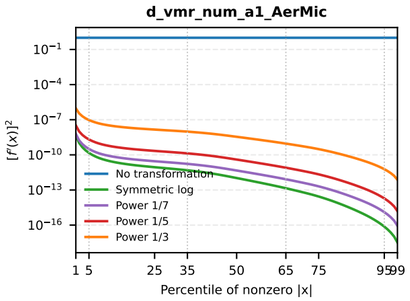
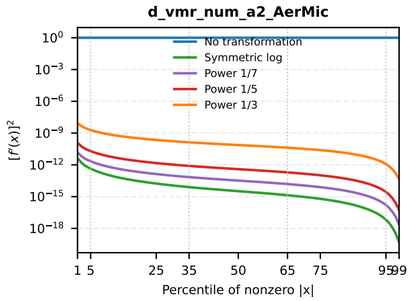
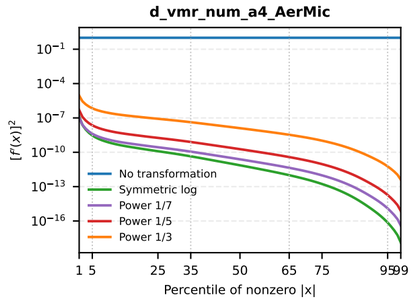
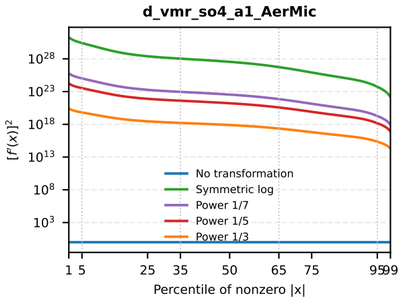
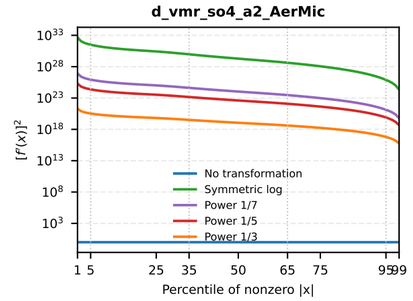
Loss geometry: nonlinear transformation only
Local factor $[f'(x)]^2$ evaluated at every percentile of nonzero $|x|$

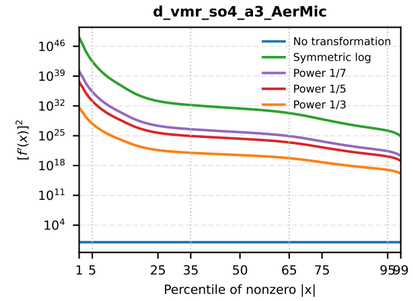


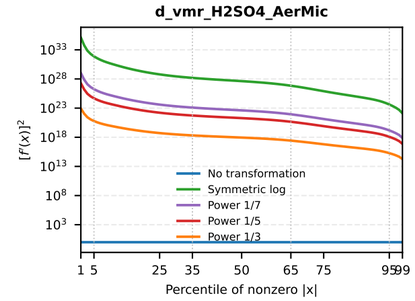


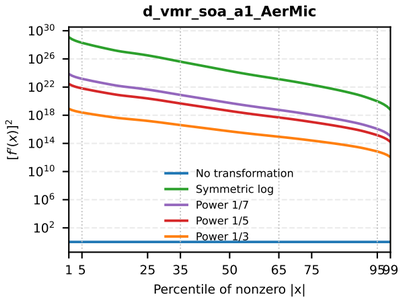


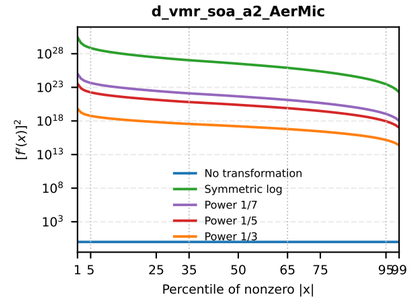


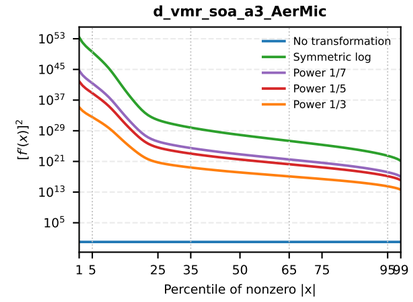


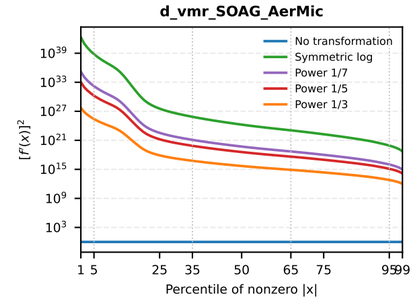


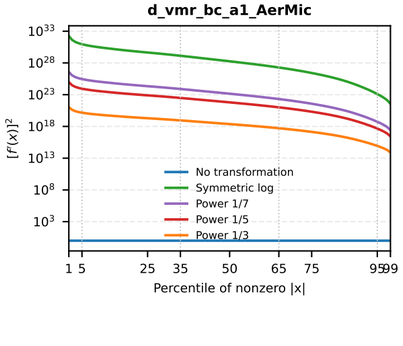


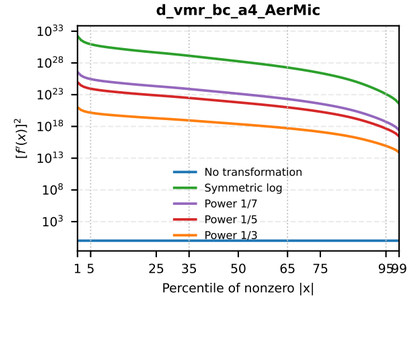


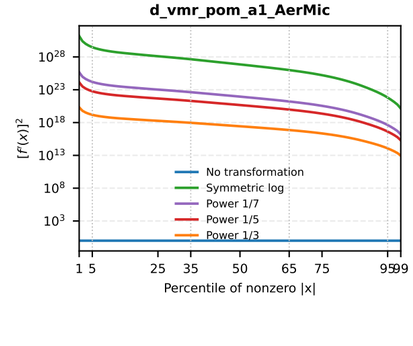


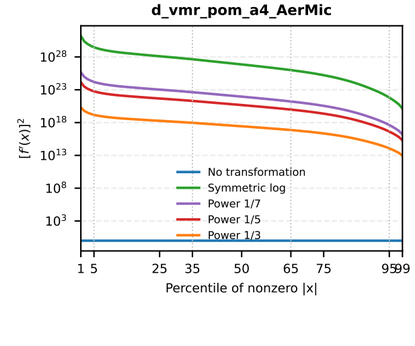


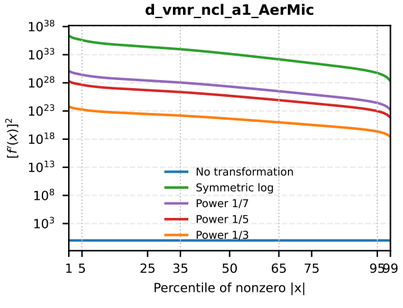


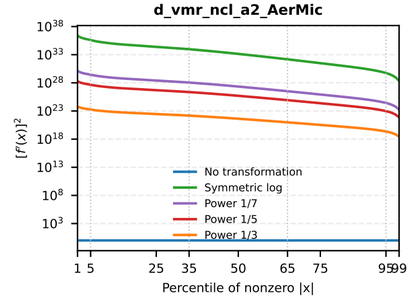


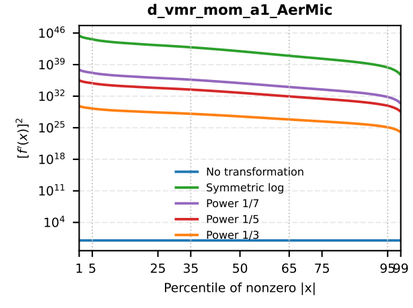


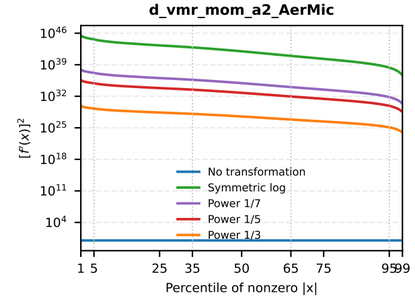


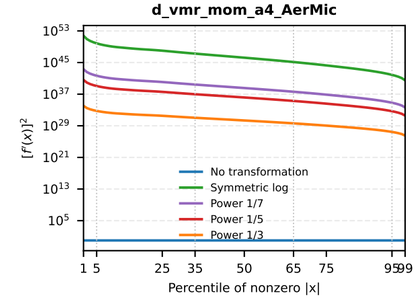






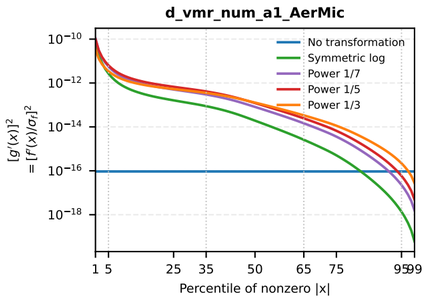


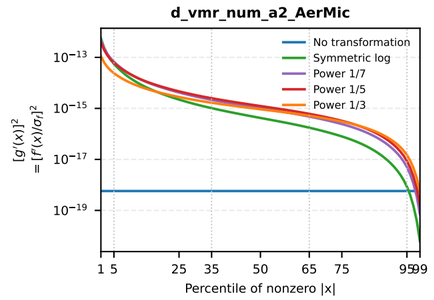


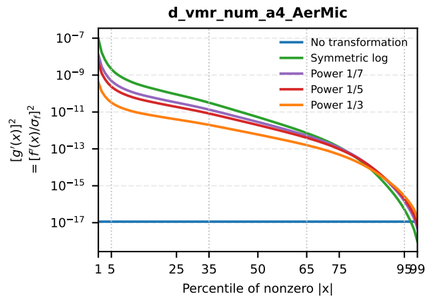


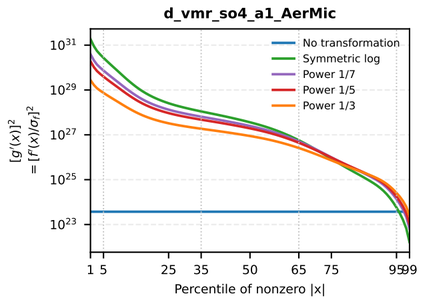
Loss geometry: transformation + scale normalization

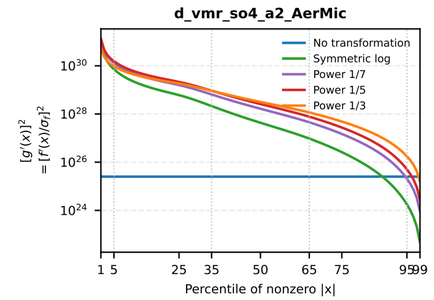
Local factor $[g'(x)]^2 = [f'(x)/\sigma_f]^2$

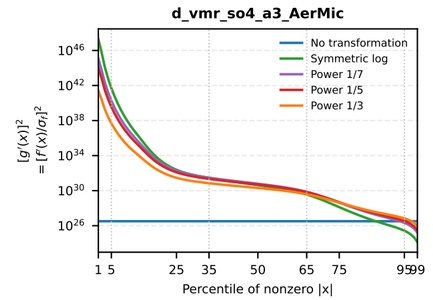


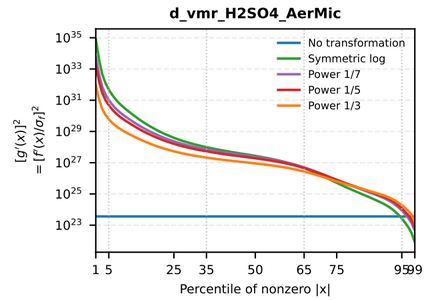


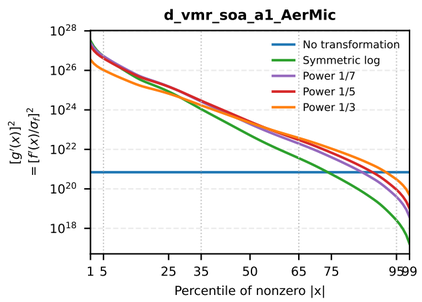


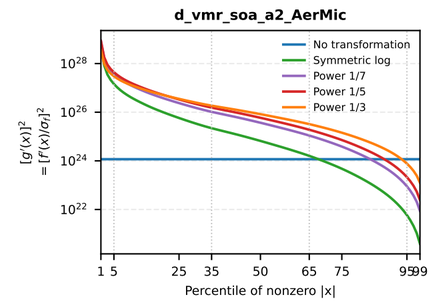


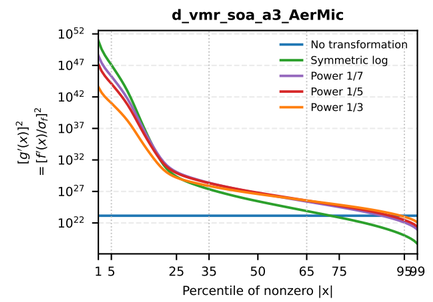


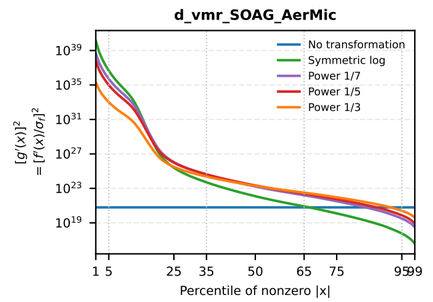


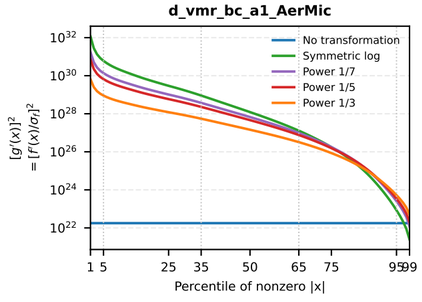


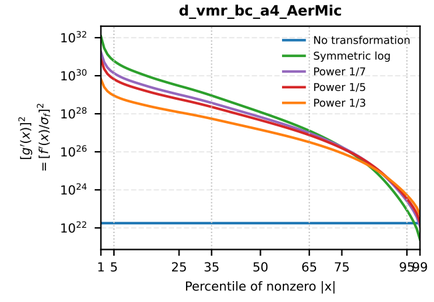


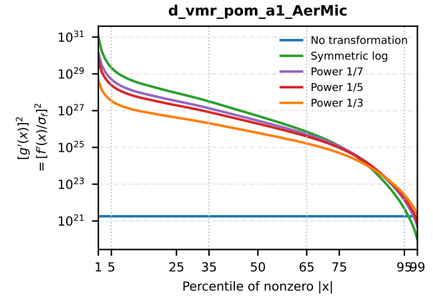


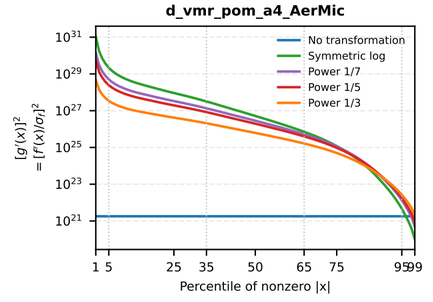


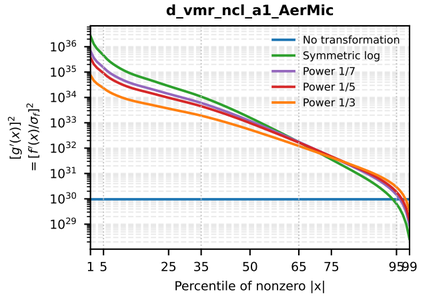


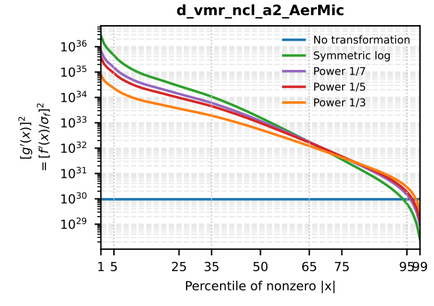


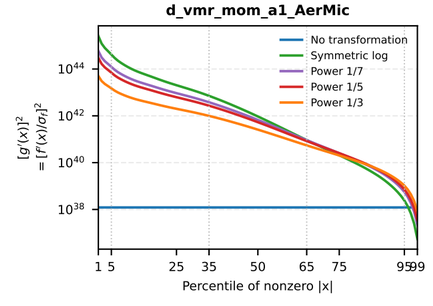


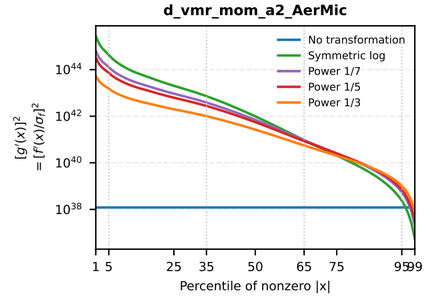


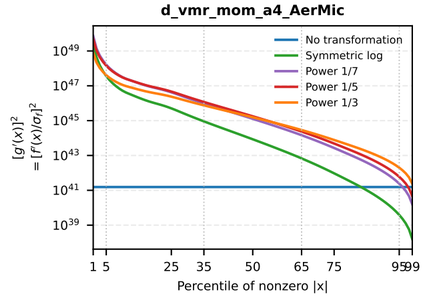




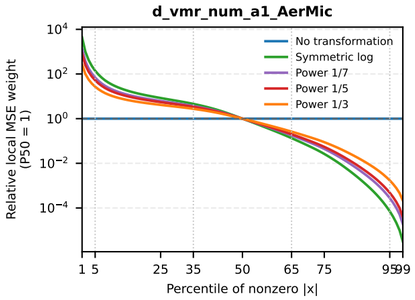


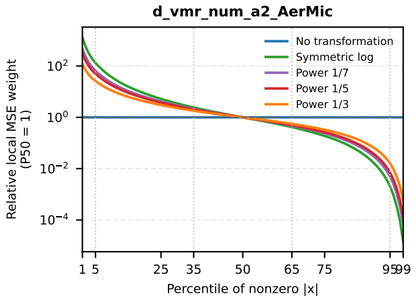


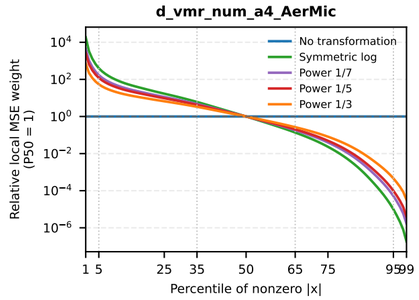


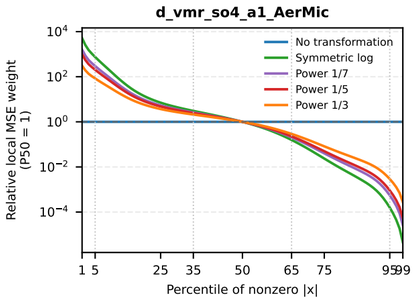


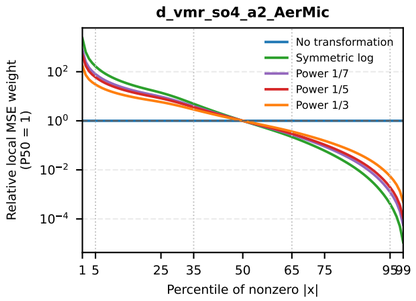
Loss geometry: relative sensitivity shape
Each transformation normalized to its own P50 value

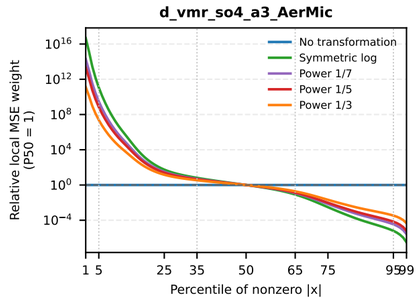


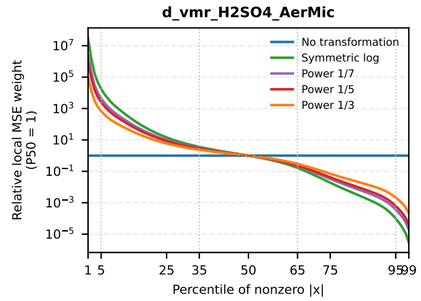


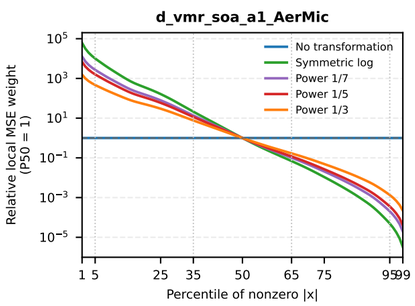


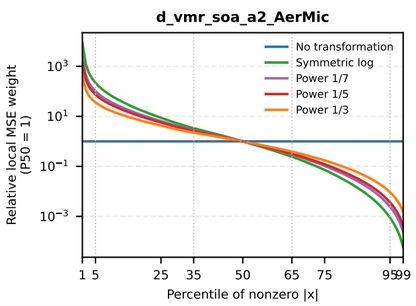


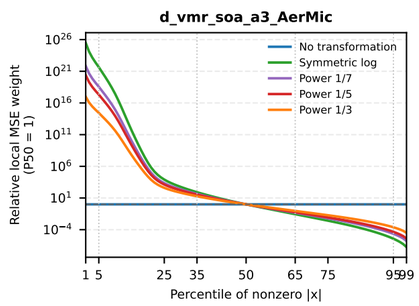


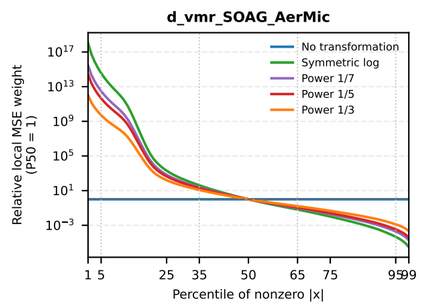


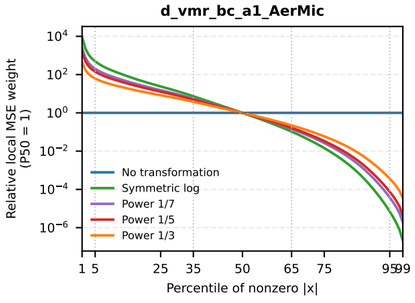


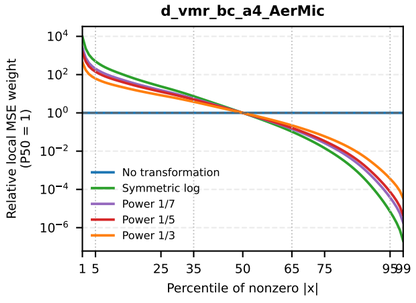


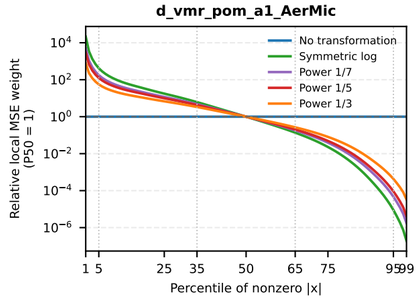


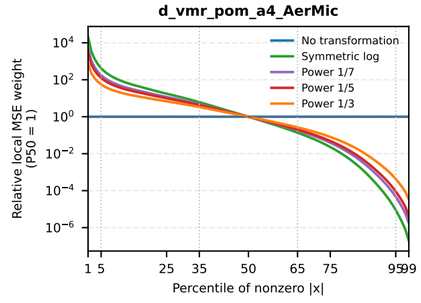


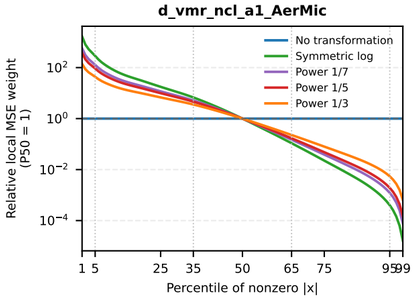


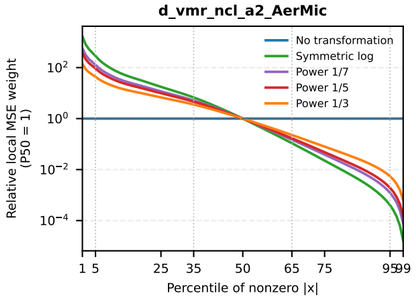


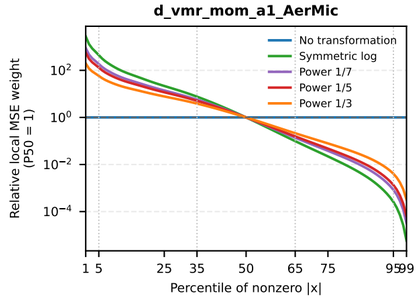


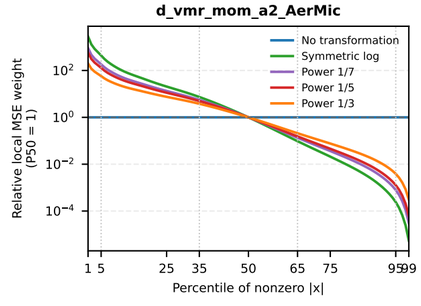


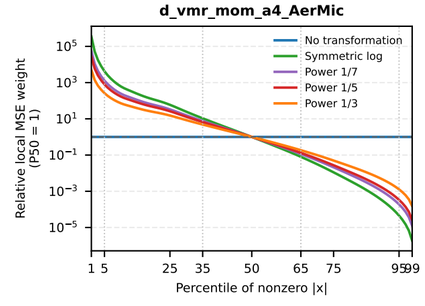






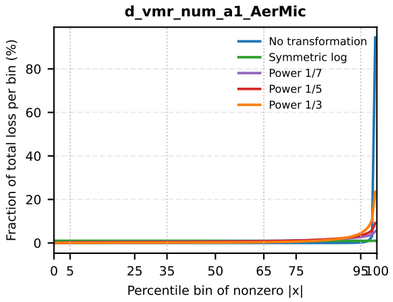


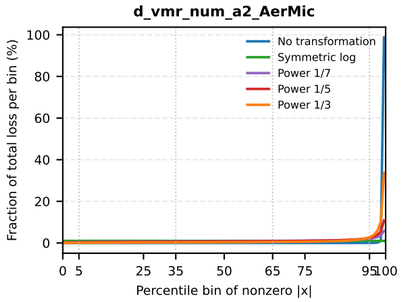


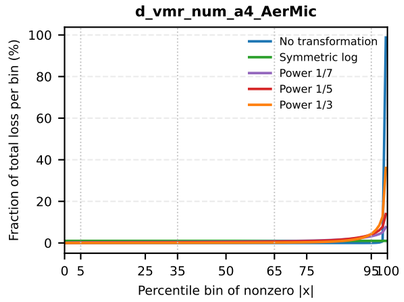


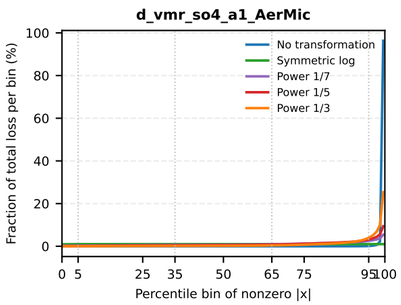
Loss contribution under equal relative physical-space error

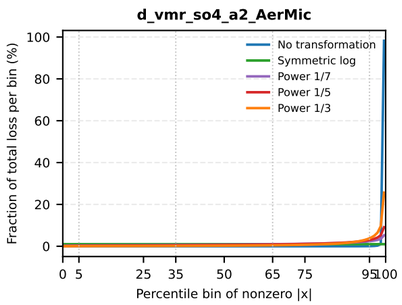
Per-percentile fraction of total $\sum_i [x_i g'(x_i)]^2$

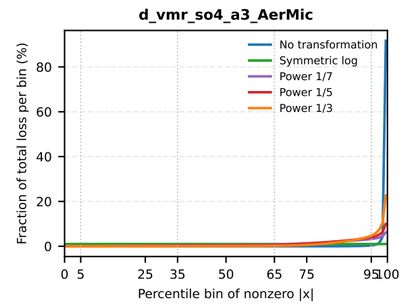


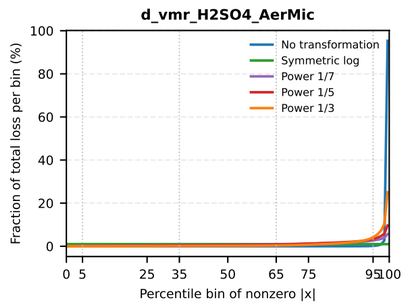


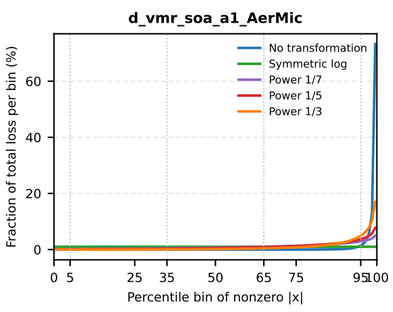


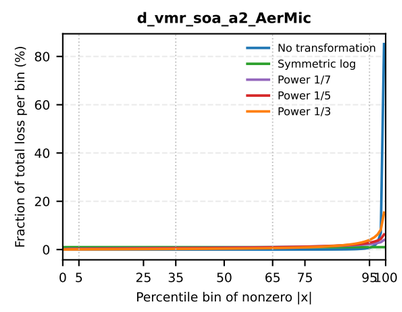


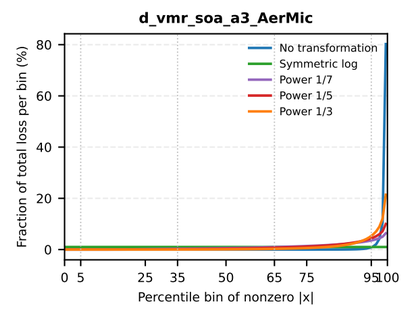


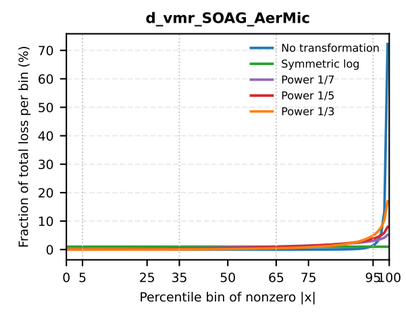


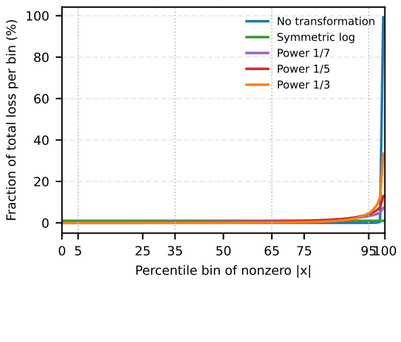


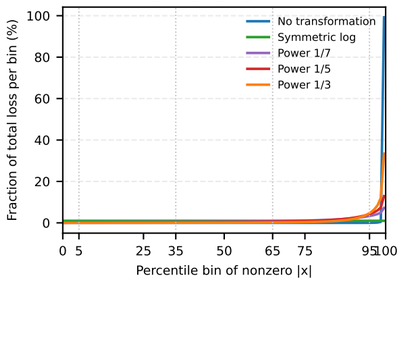


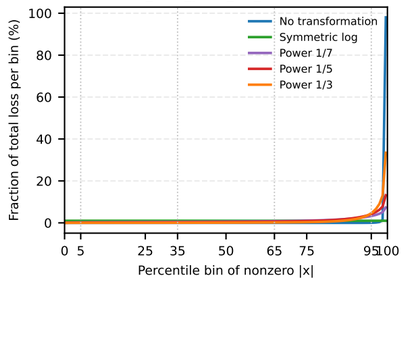


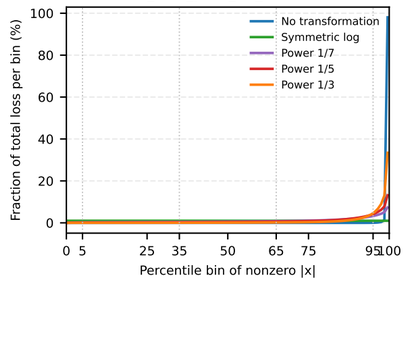


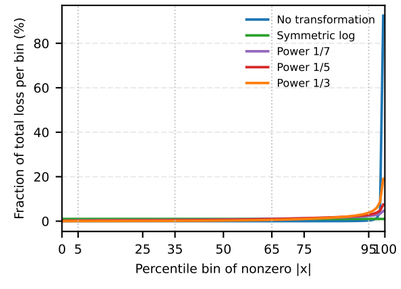


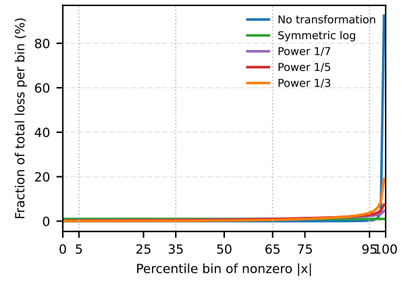


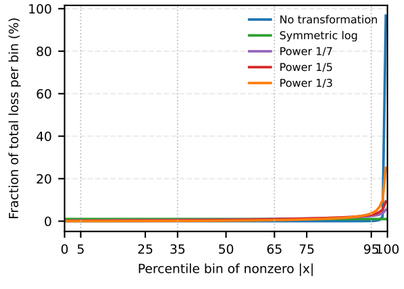


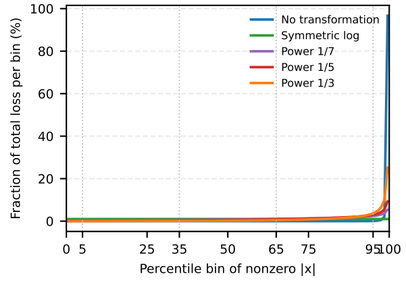


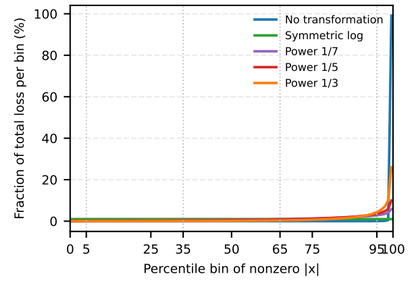




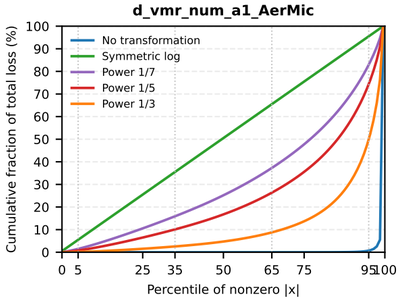


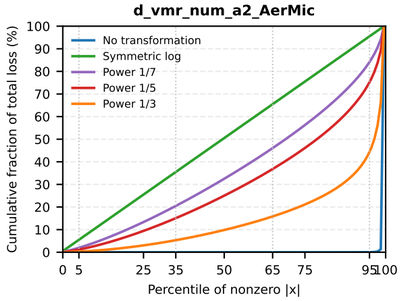


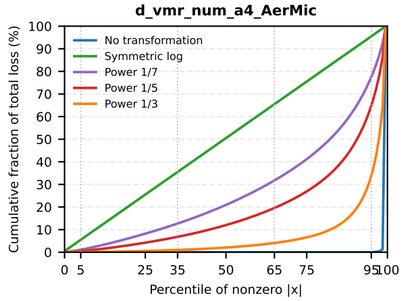


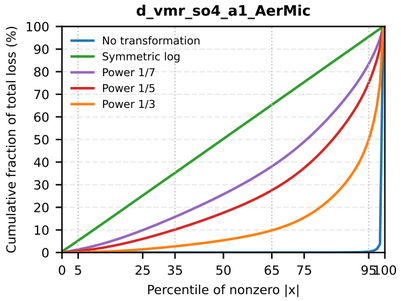


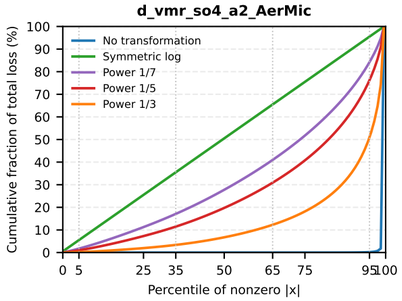
Cumulative loss contribution under equal relative physical-space error
Contribution from all samples up through each percentile of nonzero |x|

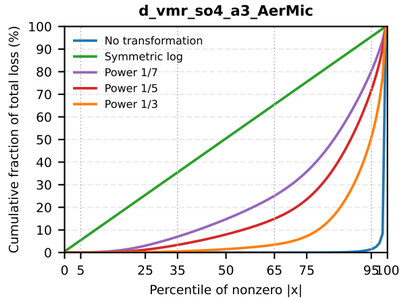


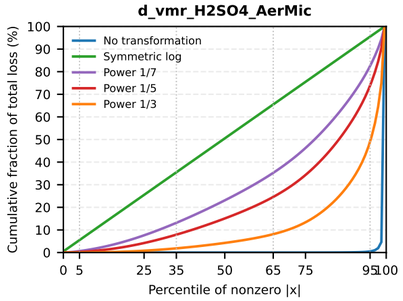


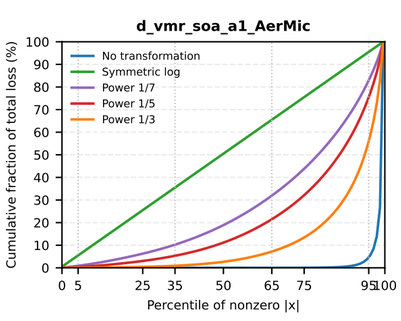


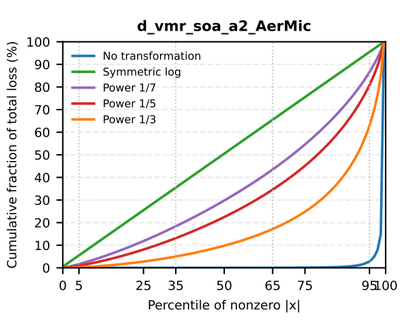


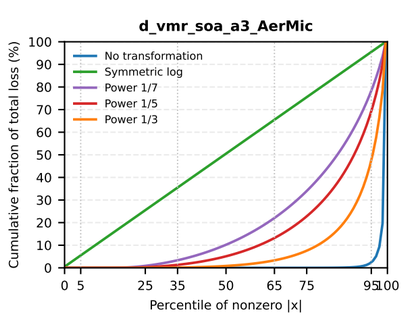


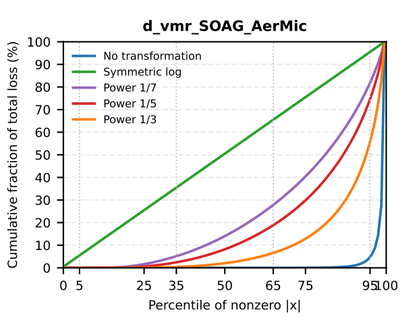


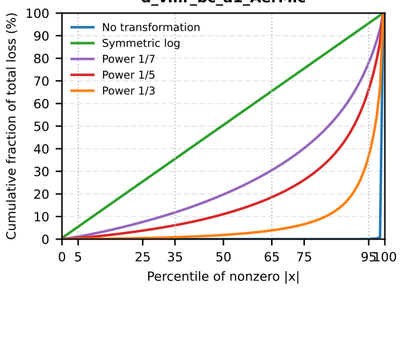


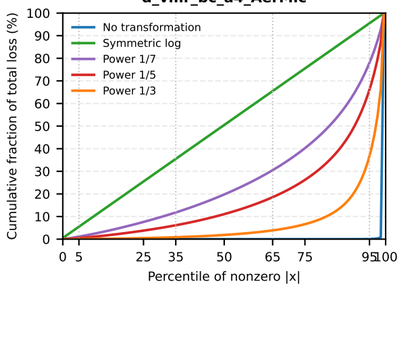


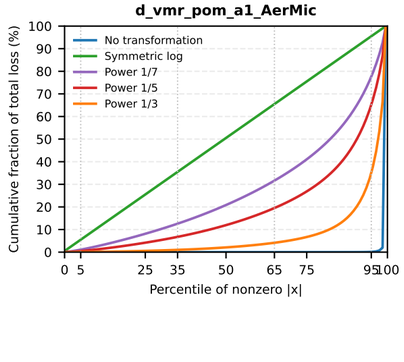


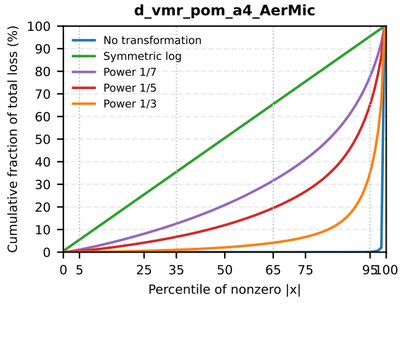






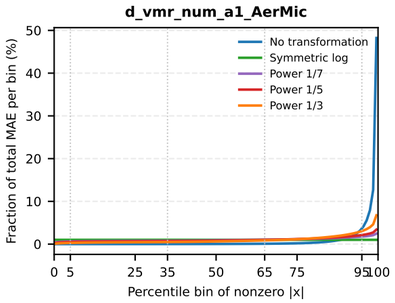


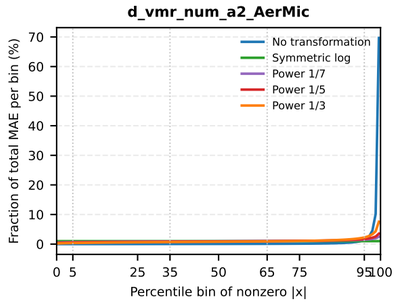


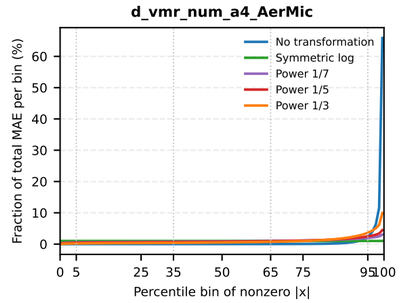


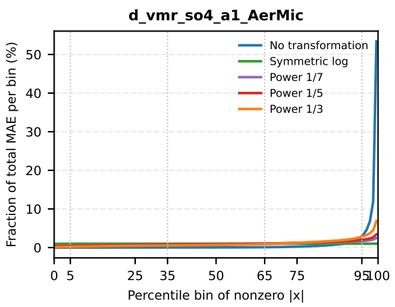
MAE-weighted loss contribution under equal relative physical-space error

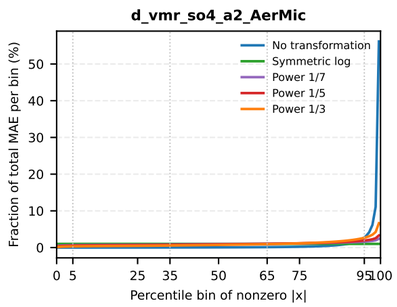
Per-percentile fraction of total $\sum_i |x_i g'(x_i)|$

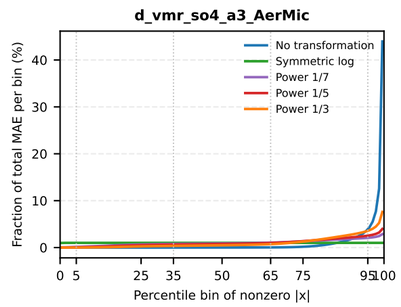


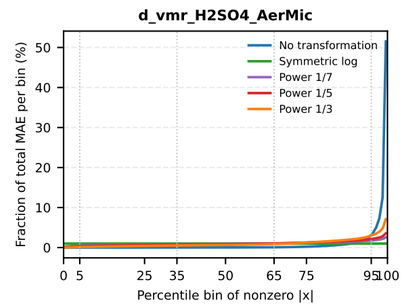


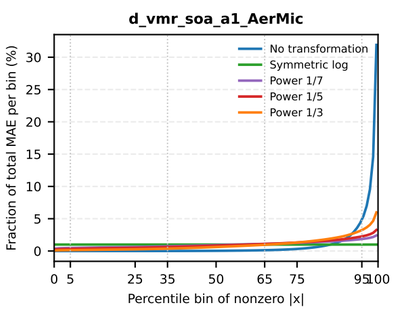


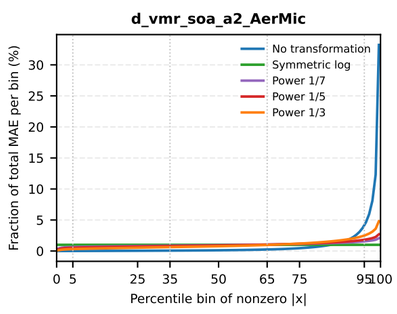


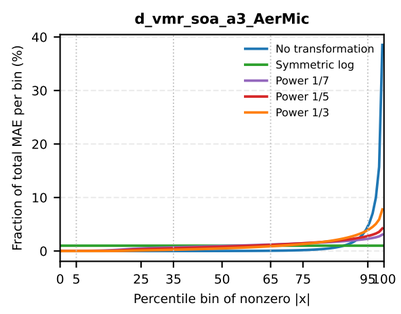


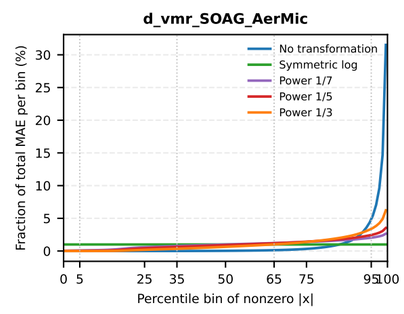


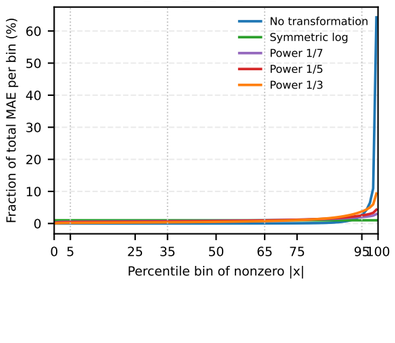


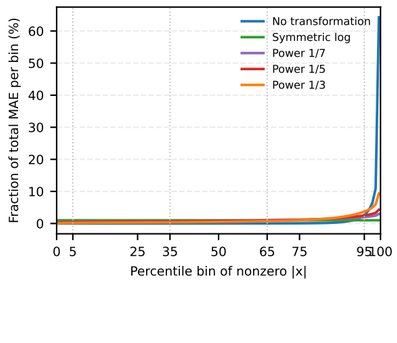


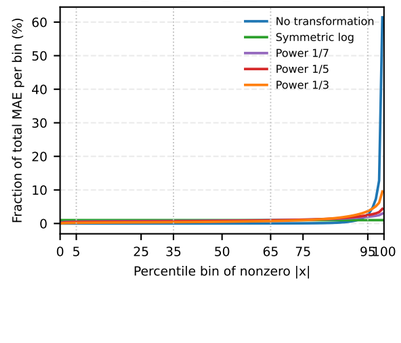


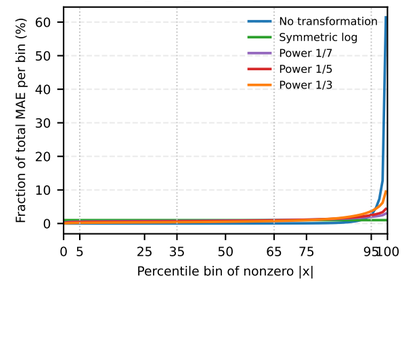


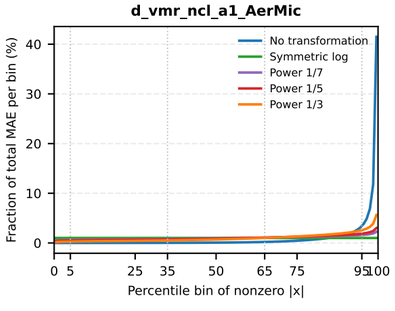


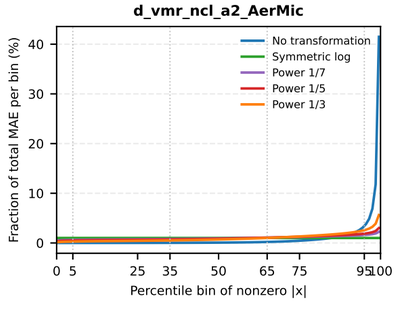


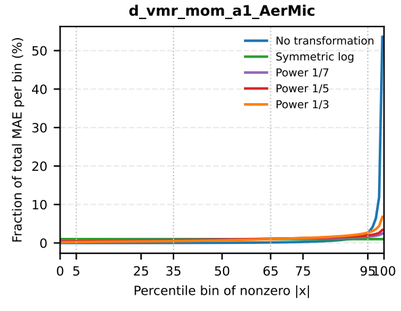


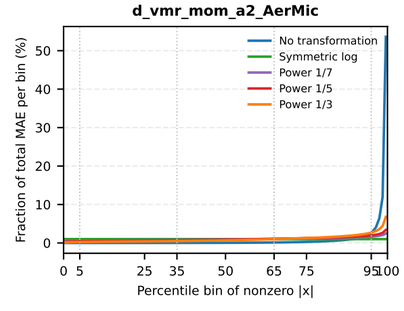


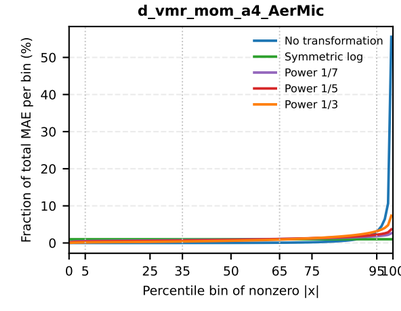












Cumulative MAE-weighted contribution under equal relative physical-space error
Contribution from all samples up through each percentile of nonzero $|x|$