Gaussian process Neural Network BLL covariance $\Sigma_{\hat{\mathbf{y}}}^{\mathrm{NN}}$ and trust region threshold GP covariance $\Sigma_{\hat{\mathbf{v}}}^{\mathrm{GP}}$ with trust region threshold - high trust region training data Abs. error and trust region threshold (from GP $\Sigma_{\hat{\mathbf{v}}}^{\mathrm{GP}}$) Abs. error with trust region threshold (from BLL $\Sigma^{
m NN}_{\hat{f v}}$) x_1 x_1