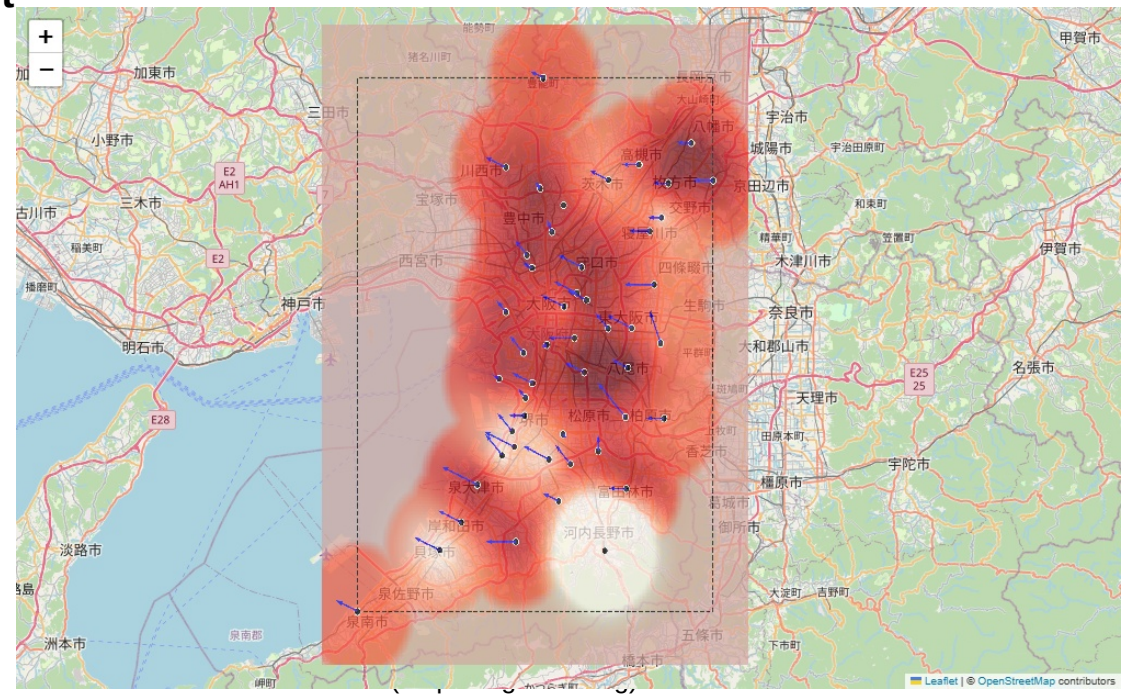
Simple Kriging Cross-validation Report

$$\hat{z}(x_0) = \sum_{i=1}^{n} \lambda_i z(x_i)$$

$\hat{z}(x_0)$: estimated value at location x_0
$z(x_i)$: known value at location x_i
λ_i: Kriging weight for $z(x_i)$, based on spatial correlation
$\sum \lambda_i = 1$: weights sum to 1 (unbiasedness condition)
Weights depend on variogram model (e.g., exponential, spherical...)



Model	Transform	RMSE	MAE	R^2
linear	none	0.00414	0.00212	-0.125
linear	log	0.00427	0.00221	-0.195
linear	sqrt	0.00420	0.00216	-0.157
gaussian	none	0.00391	0.00190	-0.006
gaussian	log	0.00397	0.00198	-0.035
gaussian	sqrt	0.00394	0.00194	-0.019
exponential	none	0.00387	0.00187	0.018
exponential	log	0.00390	0.00196	-0.000
exponential	sqrt	0.00388	0.00191	0.010
spherical	none	0.00382	0.00178	0.042
spherical	log	0.00385	0.00186	0.026
spherical	sqrt	0.00383	0.00182	0.035