Citizen science for traffic monitoring: Investigating the potentials for complementing traffic counters with crowdsourced data

Descriptions of the best regression models

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Dunajska (from centre)

Summary

- Model: krr
- Features: basic, 0656-1, 0655-2

Model parameters

- alpha = 0.001
- coef0 = 1
- degree = 3
- gamma = 0.001
- kernel = chi2

Dunajska (to centre)

Summary

- Model: krr
- Features: basic, 0656-2, 0655-1

Model parameters

- alpha = 0.001
- coef0 = 1
- degree = 3
- gamma = 0.001
- kernel = chi2

Ižanska (from centre)

Summary

- Model: krr
- Features: basic, 0820-1, 1506-1

Model parameters

- alpha = 0.0001
- coef0 = 1
- degree = 3
- gamma = 0.001
- kernel = chi2

Ižanska (to centre)

Summary

- Model: krr
- Features: basic, 0820-2, 1506-2

Model parameters

- alpha = 1e-05
- coef0 = 1
- degree = 3
- gamma = 0.001
- kernel = chi2

Slovenska (from centre)

Summary

- Model: krr
- Features: basic, 0619-1

Model parameters

- alpha = 1.0
- coef0 = 1
- degree = 3
- gamma = 0.1
- kernel = chi2

Slovenska (to centre)

Summary

- Model: krr
- Features: basic, 0619-2

Model parameters

- alpha = 0.0001
- coef0 = 1
- degree = 3
- gamma = 0.01
- kernel = chi2

Škofije (towards Koper)

Summary

- Model: gbr
- Features: basic, 1092-1

Model parameters

- alpha = 0.9
- ccp_alpha = 0.0
- criterion = friedman_mse
- learning_rate = 0.1
- loss = squared_error
- max_depth = 3
- min_impurity_decrease = 0.0
- min_samples_leaf = 1
- min_samples_split = 2
- min_weight_fraction_leaf = 0.0
- n_estimators = 100

- subsample = 1.0
- tol = 0.0001
- validation_fraction = 0.1
- verbose = 0
- warm_start = False

Škofije (towards Trieste)

Summary

- Model: krr
- Features: basic, 1092-2

Model parameters

- alpha = 0.0001
- coef0 = 1
- degree = 3
- gamma = 0.01
- kernel = chi2