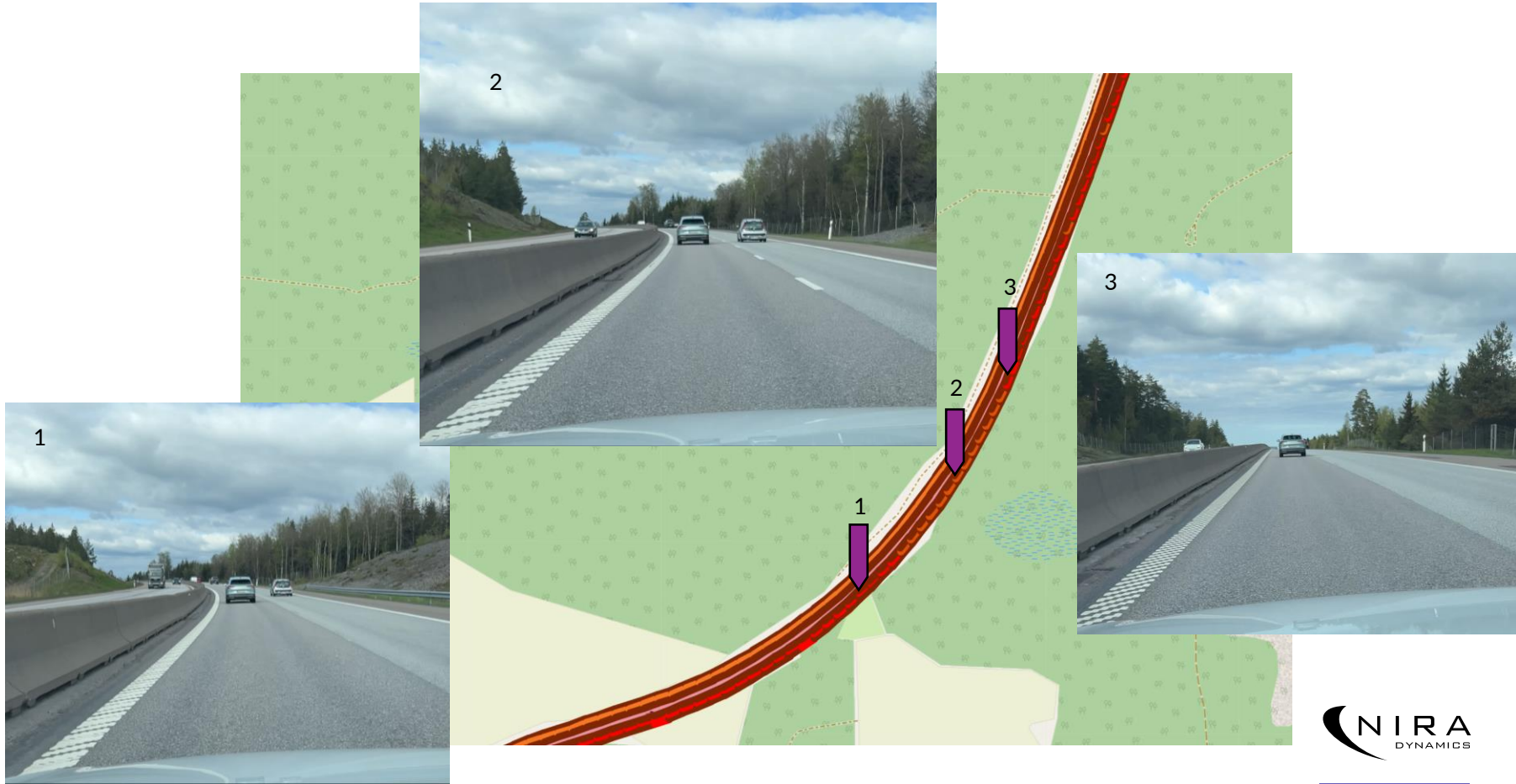


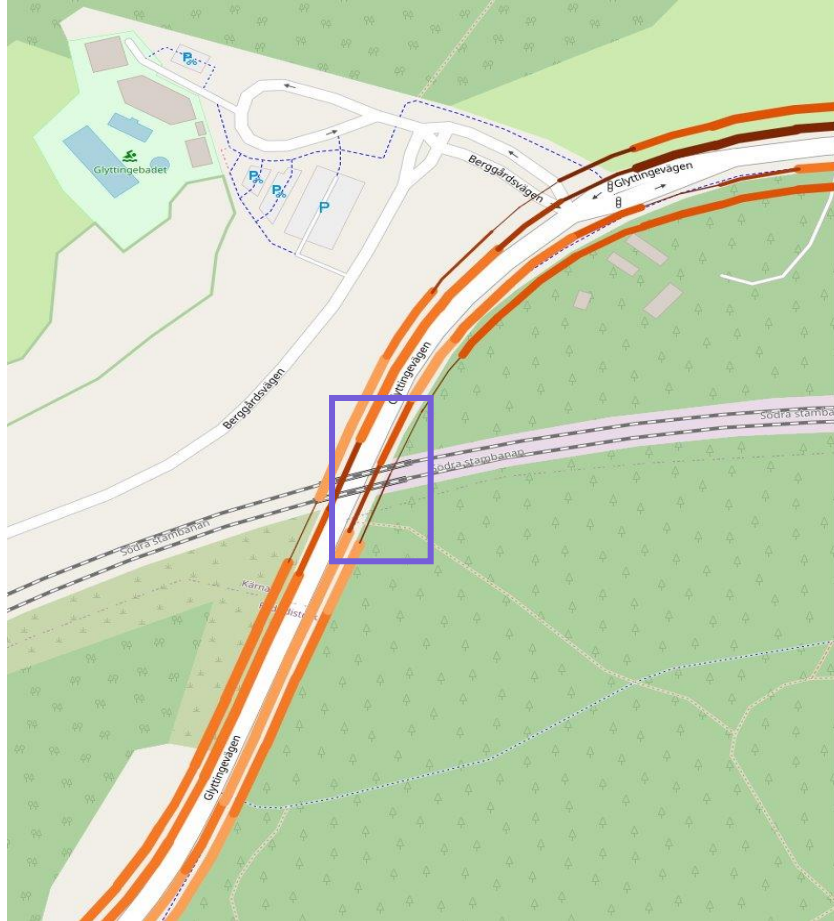


High frequency road monitoring using Connected vehicles

Lane Markings Visibility



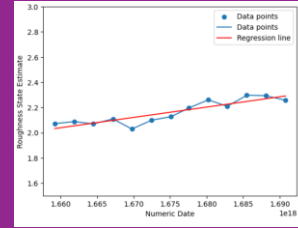
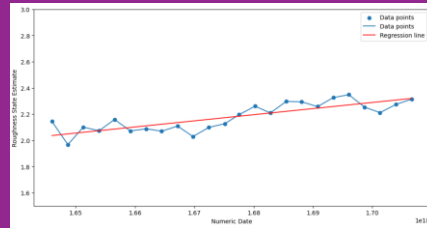
Lane Marking Visibility



Structural screening – L. Term roughness dev.

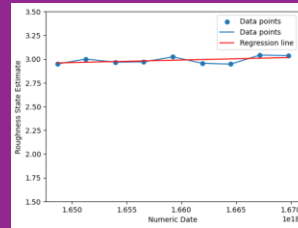
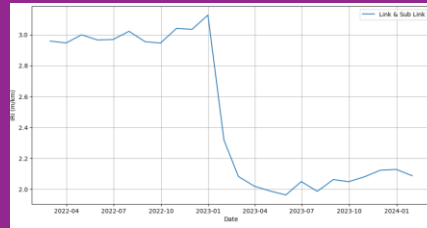
Analyzing data of maintained sections on the selected road

Segment 1



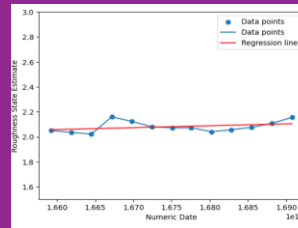
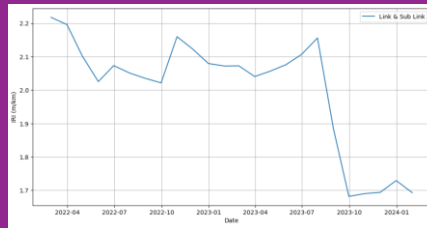
Segment 2

Repaved: 23rd Jan



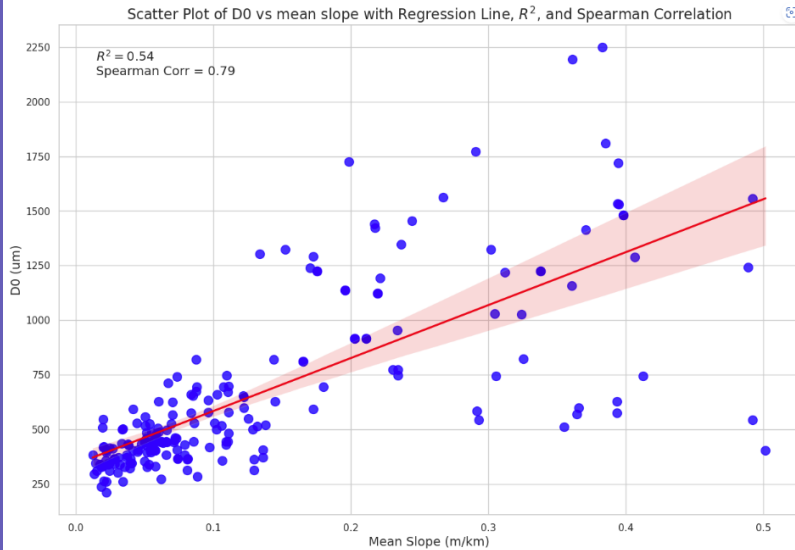
Segment 3

Repaved: 23rd Aug

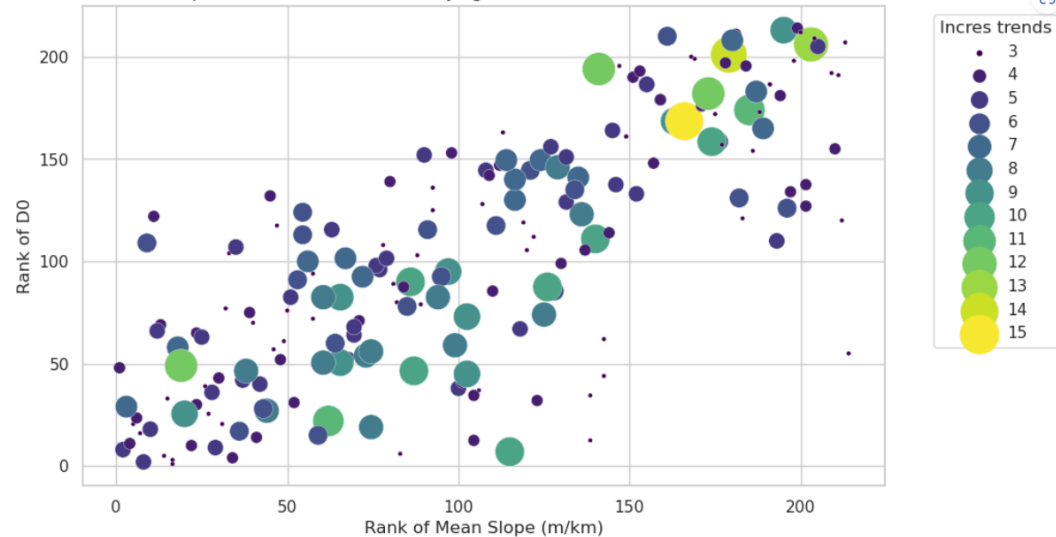


Compare FWD and Features

A few trends over measurement time

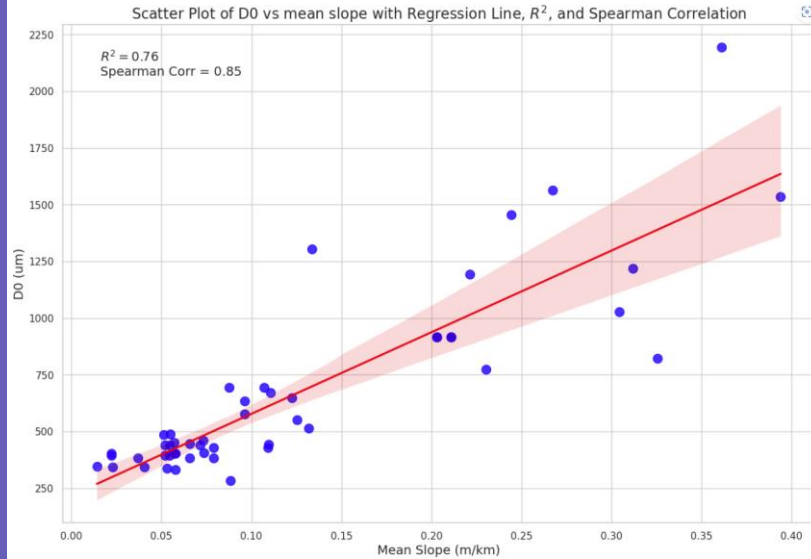


Ranked Scatter Plot for Spearman Correlation with Varying Dot Sizes - Not maintained sections - min 3 increas Trends

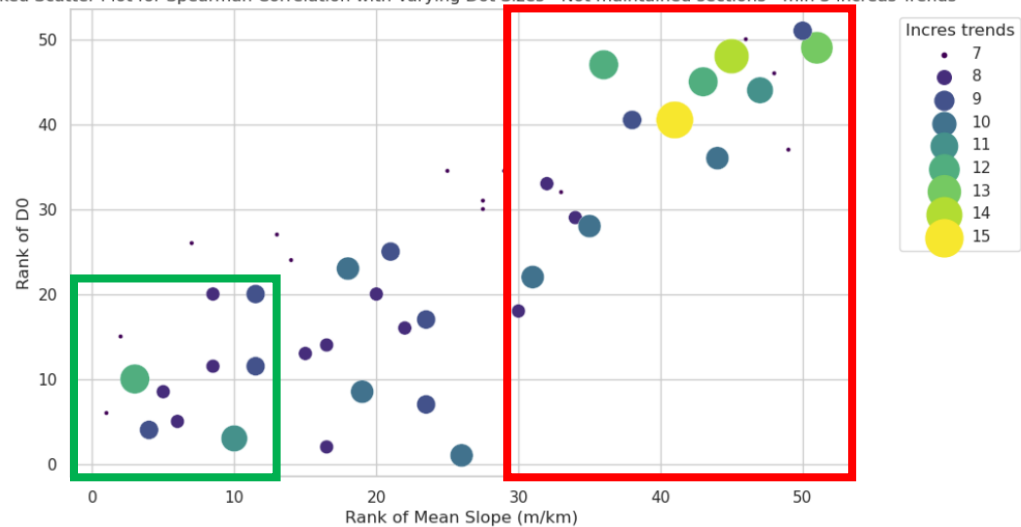


Compare FWD and Features

More trends over measurement time



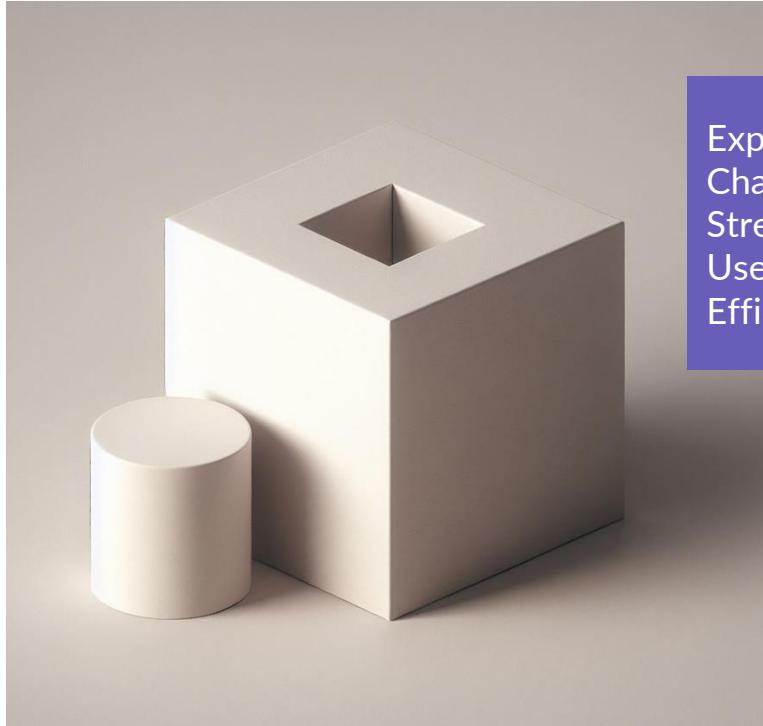
Ranked Scatter Plot for Spearman Correlation with Varying Dot Sizes - Not maintained sections - min 3 increases Trends



Autonomous Road Monitoring



Autonomous Road Monitoring



Expectation
Change management
Strengths
User perspective
Efficiency