

Where and how much cycling is done in Oslo?

An estimation based on imputation of bicycle counter data

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- This report demonstrates a new method for estimating where and how much cycling occurs in an area.
- The method is based on modelling the relationship between the number of bicycles passing a road segment between bike counters and existing GPS cycling data.
- The model estimates that within a 5km radius of Oslo Cathedral, during the period from 27-08-2018 to 01-10-2018, a total of 40.4 million kilometres were cycled, equivalent to 1.6 kilometres per day per inhabitant of the Oslo municipality.
- Although estimates from the report should be approached with caution due to the methods novelty, this report demonstrates the technical feasibility of using the method to estimate bicycle usage in an area.