Analyzer

The Analyzer extracts travel times form matched GPX files, analyzes them and estimates travel times.

Usage

To extract travel times from the matched GPX tracks use

To analyze travel times use

Output

Analyzer creates a model for each road segment, that describes travel time. Model is time dependant - au.

$$T(\tau) = T_{ff} + D_c(\tau) + ||D_{ts}||_p$$

- T(au) Travel time on segment at the time au
- T_{ff} Free flow travel time
- $D_c(au)$ Delay caused by congestion / heavy traffic at the time au
- $\|D_{ts}\|_p$ Delay caused by traffic signals, that occurs with probability p

Sample Output