Vehicle Classes and Road Types

The following vehicle classes will be analysed:

1. rigid truck, gross vehicle mass (GVM) < 7500 kg (2 vehicles in database),
2. rigid truck, GVM between 7500 kg and 14000 kg (3 vehicles),
3. rigid truck, GVM between 14000 kg and 20000 kg (4 vehicles),
4. rigid truck, GVM more than 20000 kg (3 vehicles),
5. trailer truck, GVM up to 32000 kg (5 vehicles),
6. trailer truck, GVM more than 32000 kg (10 vehicles),
7. public transport bus, GVM up to 20000 kg (4 vehicles),
8. public transport bus, GVM more than 20000 kg (articulated, 2 vehicles)

In addition to this we will check the engine map frequency distribution for special vehicles like garbage trucks (1 vehicle in database).

Database means the European part of the WHDC database (second by second in-use driving behaviour data including vehicle speed, acceleration, engine speed and engine load).

The data will be analysed with respect to urban, rural and motorway operation.

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