STA130 WINTER 2024 FINAL EXAM

DATA DESCRIPTION

In March 2024, the European Commission published its first report analyzing the real-world CO_2 emissions of different types of vehicles based on fuel consumption monitoring now required by the European Union. The data below, stored in the tibble named **`vehicles`**, is adapted from the published results and consists of a sample of n=817 new vehicles registered in 2022. These data were collected at the end of 2022, so "lifetime" in the variable names below refers to volumes and distances in 2022 only, from the time of registration until the end of the year.

The variables available in these data are:

Variable name	Description
`type`	Takes values of "car" or "van" depending on the type of vehicle.
`fuel_type`	Takes values of "Hybrid" and "Gas" depending on the type of fuel the vehicle consumes.
`total_fuel_consumed_lifetime_l`	Total fuel used by the vehicle in 2022, from the time of registration to the end of the year, measured in litres.
`total_distance_travelled_lifetime_km`	Total distance traveled by the vehicle in 2022, from the time of registration to the end of the year