



Learn About One-Way MANOVA in Stata With Data From the Canadian Fuel Consumption Report (2015)

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About This Dataset

Data source citation

Natural Resources Canada. (2015). Fuel consumption ratings [Data file]. Retrieved from <http://data.gc.ca/data/en/dataset/98f1a129-f628-4ce4-b24d-6f16bf24dd64>

Full title of originating dataset

2015 – Fuel Consumption Ratings

Data author(s) and affiliations

Natural Resources Canada, Government of Canada

Dataset source website address

<http://data.gc.ca/data/en/dataset/98f1a129-f628-4ce4-b24d-6f16bf24dd64>

Data Universe

Vehicles for retail sale in Canada

Funding sources/suppliers

Natural Resources Canada

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[en/open-government-licence-canada\)](#)

Data collection dates

2015

Unit of analysis

Vehicles

Location covered by data

Canada

Links to SRM content

- Iversen, G. (2004). Multivariate analysis of variance and covariance (MANOVA and MANCOVA). In M. S. Lewis-Beck, A. Bryman, & T. Futing Liao (Eds.), *The SAGE encyclopedia of social science research methods* (pp. 703–704). Thousand Oaks, CA: SAGE. Retrieved from <http://dx.doi.org/10.4135/9781412950589.n608>
 - Kraska, M. (2010). Multivariate analysis of variance (MANOVA). In N. J. Salkind (Ed.), *Encyclopedia of research design* (pp. 858–863). Thousand Oaks, CA: SAGE. Retrieved from <http://dx.doi.org/10.4135/9781412961288.n257>
 - Bray, J. H., & Maxwell, S. E. (1985). *Multivariate analysis of variance*. Newbury Park, CA: SAGE. Retrieved from <http://dx.doi.org/10.4135/9781412985222>
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List of variables

year

Year

make

Make

model

Model

class

Class

enginesize

Engine Size

fuelusecity

Fuel Use City

fuelusehwy

Fuel Use Highway

fueluseboth

Fuel Use Combined

mpgboth

MPG Combined

co2emissions

CO2 Emissions

cylinders468

Num of Cylinders

cylinder4

4-cylinder

cylinder6

6-cylinder

cylinder8

8-cylinder

trans2

Transmission

fuel

Fuel Type