

Practice: Using the One-Way Frequencies Task to Examine Distributions

An insurance company wants to relate the safety of vehicles to several other variables. A score was given to each vehicle model, using the frequency of insurance claims as a basis. The **safety** data set contains the data about vehicle safety.

1. Use the One-Way Frequencies task to create one-way frequency tables for the categorical variables **Unsafe**, **Type**, **Region**, and **Size**.

1. In the Navigation pane, select **Tasks and Utilities**.
2. Expand **Tasks**.
3. Expand **Statistics** and open the **One-Way Frequencies** task.
4. Select the **stat1.safety** table.
5. Assign **Unsafe**, **Type**, **Region**, and **Size** to the Analysis variables role.
6. On the OPTIONS tab, expand **PLOTS** and select the **Suppress plots** check box.
7. Click **Run**.

Here are the [results](#).

2. What is the measurement scale of each of the four variables?

Unsafe - Nominal, Binary

Type - Nominal

Region - Nominal

Size - Ordinal

Weight - Continuous

3. Do the variables **Unsafe**, **Type**, **Region**, and **Size** have any unusual values that warrant further investigation?

No

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