Demo: Detecting Ordinal Associations Using the Table Analysis Task

Use the Table Analysis task to test whether an ordinal association exists between **Bonus** and **Fireplaces**.

1. In the Navigation pane, select **Tasks and Utilities**.
2. Expand **Tasks**.
3. Expand **Statistics** and open the **Table Analysis** task.
4. Select the **stat1.ameshousing3** table.
5. Assign **Fireplaces** to the Row variables role, and assign **Bonus** to the Column variables role.
6. On the OPTIONS tab, expand **PLOTS** and select the **Suppress plots** check box.
7. Expand **FREQUENCY TABLE**.
8. Under Percentages, select **Cell**, **Row**, and **Column**.
9. Under Statistics, select **Measure of association**, in addition to **Chi-square statistics**, which should already be selected.
10. Modify the code to include confidence bounds in the table. On the CODE tab, click the **Edit SAS code** icon.
11. Enter **cl** in the options list (after the slash) in the TABLES statement.
12. Click **Run**.

Generated Code

```
ods noproctitle;

proc freq data=STAT1.AMESHOUSING3;
   tables (Fireplaces) *(Bonus) / cl chisq measures nocum plots=none;
run;
```