

Demo: Exploring Associations Using the Box Plot Task

Use the Box Plot task to visually examine the association between the categorical predictor **Central_Air** and the continuous response **SalePrice** in our **ameshousing3** data.

1. In the Navigation pane, select **Tasks and Utilities**.
2. Expand **Tasks**.
3. Expand **Graph** and select the **Box Plot** task.
4. Select the **stat1.ameshousing3** table.
5. Assign **SalePrice** to the Analysis variable role.
6. Assign **Central_Air** to the Category role.
7. On the APPEARANCE tab, expand the **ANALYSIS AXIS** property and clear the check box to **Show grid lines**.
8. Click **Run**.

Generated Code

```
ods graphics / reset width=6.4in height=4.8in imagemap;  
  
proc sgplot data=STAT1.AMESHOUSSING3;  
    vbox SalePrice / category=Central_Air;  
run;  
  
ods graphics / reset;
```