Running Discriminant Analysis in SPSS

**Step 1: Create a new variable to separate the sample into 2 or 3 groups**

E.g.: Create a new variable – “group” based on the values in variable “overall”

In variable “group”, “0” = neutral group (whose value in variable “overall” = “3.00”)

“1” = low satisfaction group (whose value in variable “overall” \(\leq 3.00\))

“2” = high satisfaction group (whose value in variable “overall” \(\geq 3.00\))

**Step 2: Select the function in SPSS**

“Analyze” \(\rightarrow\) “Classify” \(\rightarrow\) “Discriminant”
Step 3: Enter the grouping variable

1. Grouping Variable: Select Variable “Group” from the left-hand box.
2. Click “Define Range” and enter the minimum and maximum values in the “Define Range” Pop-up box. (Minimum: 1; Maximum: 2)
3. Click “Continue”.

[Image showing SPSS Data Editor with steps highlighted]
**Step 4: Enter the independent variables**

1. Select the variables from the left-hand box.
2. Choose the ration button at “Use stepwise method”.

**Step 5: Choose the options in “Statistics”**

1. Click “Statistics”.
3. Click “Continue”.
Step 6: Choose the options in “Classify”

1. Click “Classify”.
2. Choose “Compute from group sizes” and tick “Casewise result”, “summary table” and “Leave-one-out classification”.
3. Click “Continue”.
4. Click “OK”, then the results will be generated.