

Evince: Finding Xmean, UV scaling and PLS coefficients

Expand the Xres dataset and drag and drop the Center and scaling to the table area.

Prediktera Evince - imports-85 * [Professional]
File Tools Table Plot Model Windows Help

Show: All

Case (imports-85)
Original Data (imports-85)
DataSet (imports-85)
X and Y
PLS Model
Transformed X and Y
Explained variances
T
P
C
W
U
ObsDMX
ObsDMY
Nit
Xres
Center
Mean values of X
UV Scale
1/(standard deviation of X)
Yres

ID 1	1	
1	symboling	0.79694
2	normalized-loss	0.02821
3	wheel-base	0.16484
4	length	0.08115
5	width	0.47586
6	height	0.40853
7	curb-weight	0.00193
8	engine-size	0.02407
9	bore	3.6929
10	stroke	3.1323
11	compression-ra	0.24969
12	horsepower	0.02663
13	peak-rpm	0.00208
14	city-mpg	0.15569
15	highway-mpg	0.14673

Select the table, right-click and Copy or Save as to use the data outside of Evince

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ID 1	1	
1	symboling	0.8408
2	normalized-loss	0.122
3	wheel-base	
4	length	
5	width	
6	height	
7	curb-weight	
8	engine-size	
9	bore	
10	stroke	
11	compression-ra	
12	horsepower	
13	peak-rpm	
14	city-mpg	
15	highway-mpg	

- Select All Ctrl+A
- Invert Selection Ctrl+I
- Clear Selection
- Selections Ctrl+F
- Save As...
- Copy with Identifiers
- Copy
- Paste
- Properties

Expand and drag and drop B_scaled to the table area to get the PLS coefficients

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The screenshot shows the Prediktera software interface. On the left is a project tree with the following structure:

- Case (imports-85)
 - Original Data (imports-85)
 - DataSet (imports-85)
 - X and Y
 - PLS Model
 - Transformed X and Y
 - Explained variances
 - T
 - P
 - C
 - W
 - U
 - ObsDMX
 - ObsDMY
 - Nit
 - Xres
 - Center
 - Mean values of X
 - UV Scale
 - 1/(standard deviation of X)
 - Yres
 - B_scaled
 - B_scaled[1]
 - B_scaled[2]**
 - Ycalc
 - YcalcCV

On the right is a data table titled "Data (B_scaled[2])" with the following content:

ID 1	1	
VarID 1	B_scaled.price.[2]	
1	symboling	0.04818
2	normalized-loss	0.08517
3	wheel-base	0.03484
4	length	0.05404
5	width	0.10945
6	height	-0.04144
7	curb-weight	0.13297
8	engine-size	0.21739
9	bore	0.03993
10	stroke	-0.01766
11	compression-ra	0.04647
12	horsepower	0.19024
13	peak-rpm	0.03183
14	city-mpg	-0.0814
15	highway-mpg	-0.07914