

▼File: Untitled1.syz

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▼Factor Analysis

**Latent Roots (Eigenvalues)**

1	2	3	4	5	6
3.161	2.278	0.389	0.151	0.014	0.006

**Component Loadings**

	1	2	3	4	5
C2	0.754	-0.635	0.005	0.156	-0.029
C3	0.820	-0.444	0.199	-0.301	0.000
C4	0.592	-0.774	-0.189	0.110	0.029
C5	0.659	0.561	-0.491	-0.097	0.009
C6	0.764	0.625	0.115	0.071	-0.078
C7	0.743	0.610	0.243	0.099	0.079

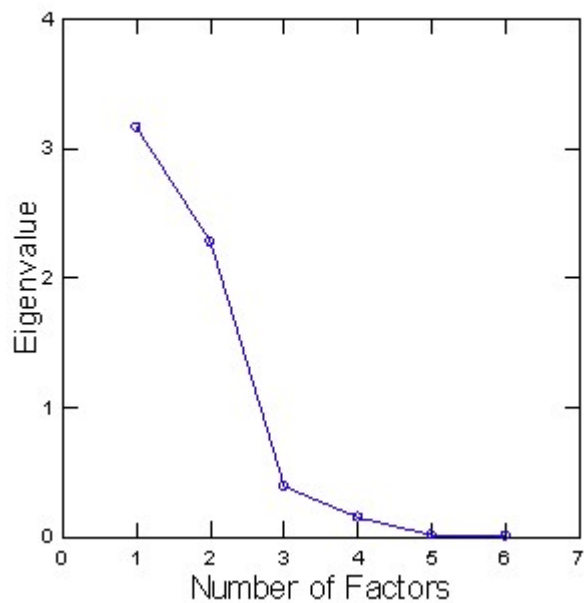
**Variance Explained by Components**

1	2	3	4	5
3.161	2.278	0.389	0.151	0.014

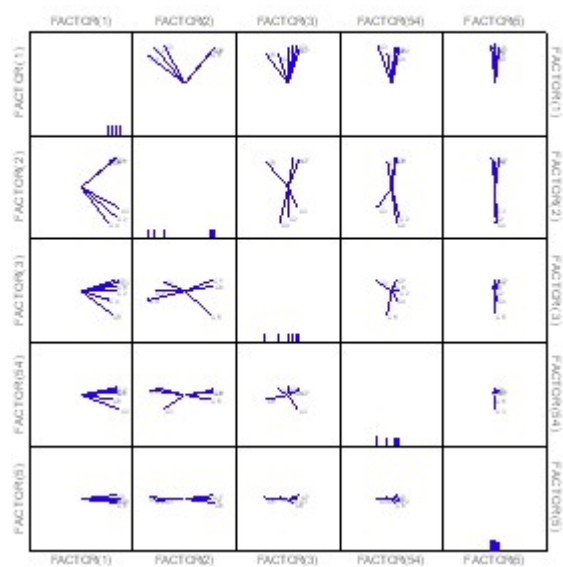
**Percent of Total Variance Explained**

1	2	3	4	5
52.690	37.968	6.484	2.522	0.235

Scree Plot



Factor Loadings Plot



## ► Factor Analysis

### ▼ Hypothesis Testing: Two-sample t-test

#### Two-sample t-test on PCA1 Grouped by PROJECT vs Alternative = 'not equal'

GROUP	N	Mean	Standard Deviation
1	3	0.722	0.117
7	3	0.722	0.056

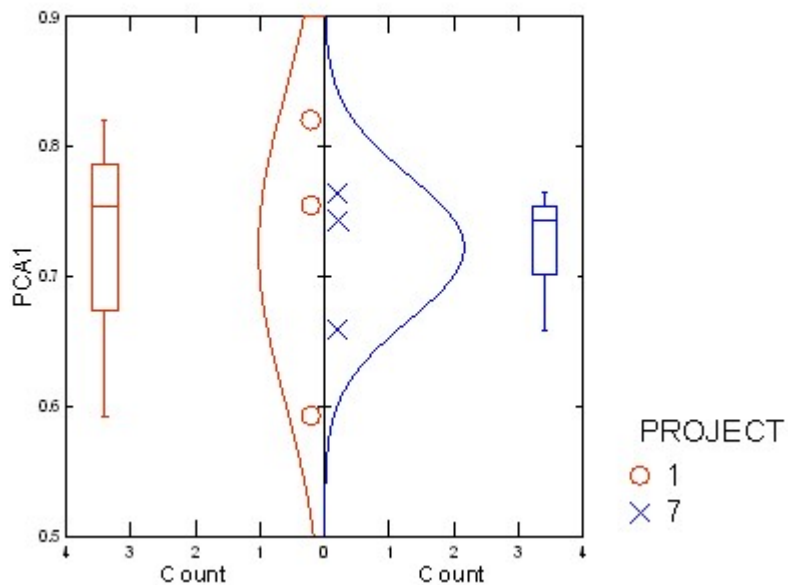
#### Separate Variance

Difference in Means : 0.000  
 95.00% Confidence Interval : -0.246 to 0.246  
 t : 0.000  
 df : 2.854  
 p-value : 1.000

#### Pooled Variance

Difference in Means : 0.000  
 95.00% Confidence Interval : -0.208 to 0.208  
 t : 0.000  
 df : 4.000  
 p-value : 1.000

#### Two-sample t-test



### ▼ Hypothesis Testing: Two-sample t-test

#### Two-sample t-test on PCA2 Grouped by PROJECT vs Alternative = 'not equal'

GROUP	N	Mean	Standard Deviation
1	3	-0.616	0.168
7	3	0.599	0.033

#### Separate Variance

Difference in Means : -1.215  
 95.00% Confidence Interval : -1.611 to -0.819  
 t : -12.300  
 df : 2.159  
 p-value : 0.005

#### Pooled Variance

Difference in Means : -1.215  
 95.00% Confidence Interval : -1.489 to -0.941  
 t : -12.300  
 df : 4.000  
 p-value : 0.000

#### Two-sample t-test

