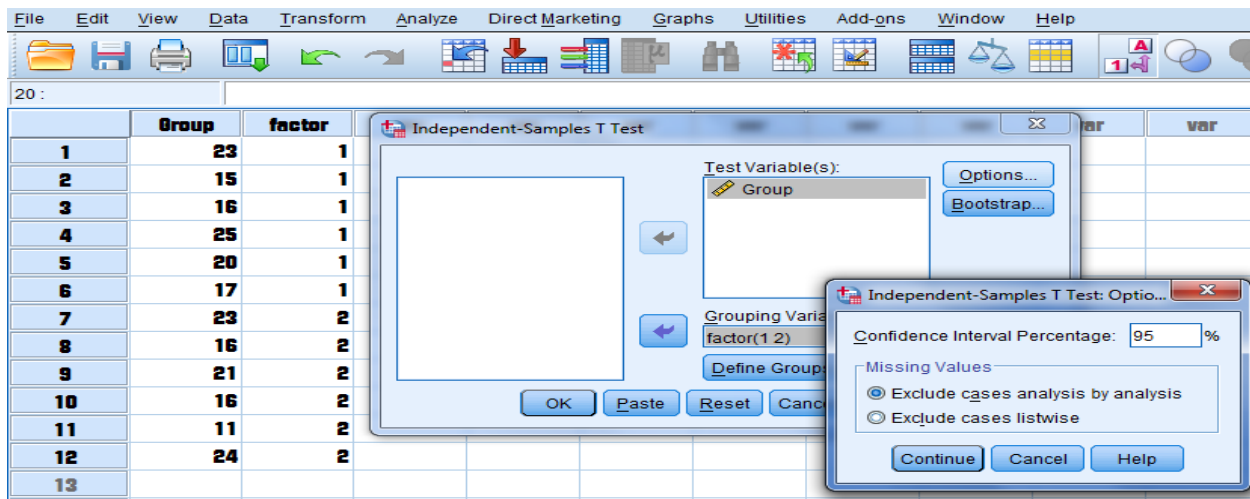
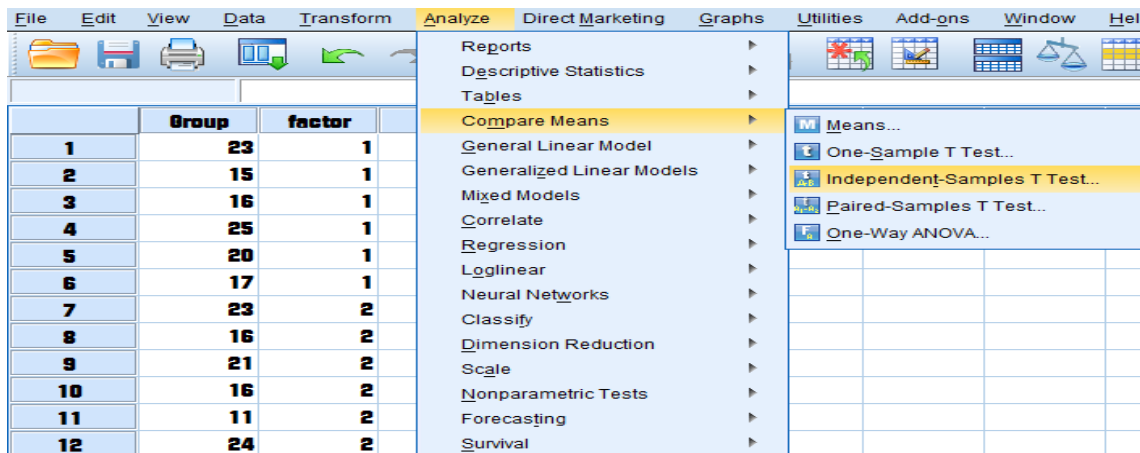


## T -test

**T -test**: Test compare the means of two groups

For T-test click analyze then compare means. After that click on independent sample T- Test as shown below.



## SPSS Output Window

After running T- test, the results appear in a different window, known as SPSS output viewer window as shown below.

T-Test

Group Statistics

factor	N	Mean	Std. Deviation	Std. Error Mean
Group 1	6	19.33	4.033	1.647
2	6	18.50	5.010	2.045

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Group	Equal variances assumed	.579	.464	.317	10	.757	.833	2.626	-5.017	6.684
	Equal variances not assumed			.317	9.564	.758	.833	2.626	-5.054	6.720

Note:

\*If sig(2- tailed) > 0.05 there is **no** significant difference

\*If sig(2- tailed) < 0.05 there is a significant difference

