```
 GET DATA
  /TYPE=XLSX
  /FILE='F:\correlation\forspss.xlsx'
  /SHEET=name 'country'
  /CELLRANGE=FULL
  /READNAMES=ON
  /DATATYPEMIN PERCENTAGE=95.0
  /HIDDEN IGNORE=YES.
EXECUTE.
DATASET NAME DataSet1 WINDOW=FRONT.
SORT CASES  BY country.
SPLIT FILE SEPARATE BY country.
SORT CASES  BY country.
SPLIT FILE SEPARATE BY country.
T-TEST GROUPS=month(2 12)
  /MISSING=ANALYSIS
  /VARIABLES=departure arrival
  /CRITERIA=CI(.95).
```

T-Test

Notes

Output Created		11-APR-2017 18:30:43
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	country
	N of Rows in Working Data File	1452
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=month (2 12) /MISSING=ANALYSIS /VARIABLES=departure arrival /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.06

[DataSet1]

country = China

Group Statistics[a]

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	164605.18	53840.324	16233.469
	12.00	11	178470.73	39079.237	11782.833
arrival	2.00	11	156615.91	49171.747	14825.840
	12.00	11	183494.55	36672.435	11057.155

a. country = China

Independent Samples Test[a]

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	1.788	.196	-.691	20
	Equal variances not assumed			-.691	18.248
arrival	Equal variances assumed	1.534	.230	-1.453	20
	Equal variances not assumed			-1.453	18.496

Independent Samples Test[a]

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.497	-13865.545	20058.930
	Equal variances not assumed	.498	-13865.545	20058.930
arrival	Equal variances assumed	.162	-26878.636	18495.032
	Equal variances not assumed	.163	-26878.636	18495.032

Independent Samples Test[a]

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
departure	Equal variances assumed	-55707.740	27976.649
	Equal variances not assumed	-55966.847	28235.756
arrival	Equal variances assumed	-65458.597	11701.324
	Equal variances not assumed	-65660.709	11903.436

a. country = China

country = France

Group Statistics[a]

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	15320.00	1377.502	415.332
	12.00	11	18044.18	1581.147	476.734
arrival	2.00	11	16557.45	1449.395	437.009
	12.00	11	18782.18	1951.882	588.515

a. country = France

Independent Samples Test[a]

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	.754	.396	-4.309	20
	Equal variances not assumed			-4.309	19.631
arrival	Equal variances assumed	2.831	.108	-3.035	20
	Equal variances not assumed			-3.035	18.457

Independent Samples Test[a]

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.000	-2724.182	632.279
	Equal variances not assumed	.000	-2724.182	632.279
arrival	Equal variances assumed	.007	-2224.727	733.026
	Equal variances not assumed	.007	-2224.727	733.026

Independent Samples Test[a]

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
departure	Equal variances assumed	-4043.092	-1405.272
	Equal variances not assumed	-4044.681	-1403.683
arrival	Equal variances assumed	-3753.792	-695.663
	Equal variances not assumed	-3762.029	-687.425

a. country = France

country = Germany

Group Statistics[a]

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	26320.09	3374.965	1017.590
	12.00	11	29015.18	2738.980	825.833
arrival	2.00	11	29262.45	3097.528	933.940
	12.00	11	31502.18	2505.455	755.423

a. country = Germany

Independent Samples Test[a]

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	.075	.788	-2.056	20
	Equal variances not assumed			-2.056	19.187
arrival	Equal variances assumed	.009	.927	-1.865	20
	Equal variances not assumed			-1.865	19.163

Independent Samples Test[a]

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.053	-2695.091	1310.531
	Equal variances not assumed	.054	-2695.091	1310.531
arrival	Equal variances assumed	.077	-2239.727	1201.211
	Equal variances not assumed	.078	-2239.727	1201.211

Independent Samples Test[a]

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
departure	Equal variances assumed	-5428.810	38.628
	Equal variances not assumed	-5436.253	46.071
arrival	Equal variances assumed	-4745.409	265.955
	Equal variances not assumed	-4752.445	272.991

a. country = Germany

country = Hong Kong

Group Statistics[a]

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	115654.00	28277.795	8526.076
	12.00	11	150464.73	26853.159	8096.532
arrival	2.00	11	109716.09	28773.705	8675.599
	12.00	11	152525.18	27061.602	8159.380

a. country = Hong Kong

Independent Samples Test[a]

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	.020	.888	-2.961	20
	Equal variances not assumed			-2.961	19.947
arrival	Equal variances assumed	.007	.935	-3.594	20
	Equal variances not assumed			-3.594	19.925

Independent Samples Test[a]

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.008	-34810.727	11757.883
	Equal variances not assumed	.008	-34810.727	11757.883
arrival	Equal variances assumed	.002	-42809.091	11909.723
	Equal variances not assumed	.002	-42809.091	11909.723

Independent Samples Test[a]

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
departure	Equal variances assumed	-59337.241	-10284.214
	Equal variances not assumed	-59341.436	-10280.019
arrival	Equal variances assumed	-67652.337	-17965.845
	Equal variances not assumed	-67658.317	-17959.865

a. country = Hong Kong

country = Indonesia

Group Statistics[a]

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	198291.00	62258.352	18771.599
	12.00	11	255658.36	65857.417	19856.758
arrival	2.00	11	204305.91	63950.211	19281.714
	12.00	11	279627.82	74568.073	22483.120

a. country = Indonesia

Independent Samples Test[a]

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	.011	.917	-2.099	20
	Equal variances not assumed			-2.099	19.937
arrival	Equal variances assumed	.311	.583	-2.543	20
	Equal variances not assumed			-2.543	19.546

Independent Samples Test[a]

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.049	-57367.364	27325.149
	Equal variances not assumed	.049	-57367.364	27325.149
arrival	Equal variances assumed	.019	-75321.909	29618.832
	Equal variances not assumed	.020	-75321.909	29618.832

<h2 style="text-align:center">Independent Samples Test[a]</h2>

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
departure	Equal variances assumed	-114366.627	-368.101
	Equal variances not assumed	-114378.146	-356.582
arrival	Equal variances assumed	-137105.709	-13538.109
	Equal variances not assumed	-137197.844	-13445.974

a. country = Indonesia

country = Japan

<h2 style="text-align:center">Group Statistics[a]</h2>

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	78901.00	18248.775	5502.213
	12.00	11	104242.64	20157.590	6077.742
arrival	2.00	11	83338.09	18413.554	5551.895
	12.00	11	106503.73	17851.119	5382.315

a. country = Japan

<h2 style="text-align:center">Independent Samples Test[a]</h2>

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	.362	.554	-3.091	20
	Equal variances not assumed			-3.091	19.805
arrival	Equal variances assumed	.000	.995	-2.996	20
	Equal variances not assumed			-2.996	19.981

Independent Samples Test[a]

| | | t-test for Equality of Means | | |
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.006	-25341.636	8198.371
	Equal variances not assumed	.006	-25341.636	8198.371
arrival	Equal variances assumed	.007	-23165.636	7732.584
	Equal variances not assumed	.007	-23165.636	7732.584

Independent Samples Test[a]

| | | t-test for Equality of Means | |
| | | 95% Confidence Interval of the Difference | |
		Lower	Upper
departure	Equal variances assumed	-42443.139	-8240.133
	Equal variances not assumed	-42453.925	-8229.348
arrival	Equal variances assumed	-39295.524	-7035.749
	Equal variances not assumed	-39296.518	-7034.754

a. country = Japan

country = Malaysia

Group Statistics[a]

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	161496.18	53470.566	16121.982
	12.00	11	227276.45	67392.687	20319.660
arrival	2.00	11	167042.73	54872.703	16544.742
	12.00	11	220542.64	68069.149	20523.621

a. country = Malaysia

Independent Samples Test[a]

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	.334	.570	-2.536	20
	Equal variances not assumed			-2.536	19.017
arrival	Equal variances assumed	.263	.614	-2.029	20
	Equal variances not assumed			-2.029	19.138

Independent Samples Test[a]

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.020	-65780.273	25938.521
	Equal variances not assumed	.020	-65780.273	25938.521
arrival	Equal variances assumed	.056	-53499.909	26361.857
	Equal variances not assumed	.057	-53499.909	26361.857

Independent Samples Test[a]

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
departure	Equal variances assumed	-119887.080	-11673.466
	Equal variances not assumed	-120066.946	-11493.600
arrival	Equal variances assumed	-108489.779	1489.961
	Equal variances not assumed	-108648.999	1649.181

a. country = Malaysia

country = Philippines

Group Statistics[a]

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	69029.00	22792.220	6872.113
	12.00	11	110151.27	30215.370	9110.277
arrival	2.00	11	78149.55	23337.401	7036.491
	12.00	11	83878.18	24210.782	7299.825

a. country = Philippines

Independent Samples Test[a]

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	1.728	.204	-3.604	20
	Equal variances not assumed			-3.604	18.597
arrival	Equal variances assumed	.010	.923	-.565	20
	Equal variances not assumed			-.565	19.973

Independent Samples Test[a]

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.002	-41122.273	11411.533
	Equal variances not assumed	.002	-41122.273	11411.533
arrival	Equal variances assumed	.578	-5728.636	10139.017
	Equal variances not assumed	.578	-5728.636	10139.017

Independent Samples Test[a]

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
departure	Equal variances assumed	-64926.313	-17318.233
	Equal variances not assumed	-65041.986	-17202.560
arrival	Equal variances assumed	-26878.254	15420.982
	Equal variances not assumed	-26880.083	15422.810

a. country = Philippines

country = Thailand

Group Statistics[a]

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	155747.09	34182.289	10306.348
	12.00	11	208595.27	50871.566	15338.354
arrival	2.00	11	168837.18	32905.272	9921.313
	12.00	11	206891.73	51932.043	15658.100

a. country = Thailand

Independent Samples Test[a]

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	2.774	.111	-2.860	20
	Equal variances not assumed			-2.860	17.501
arrival	Equal variances assumed	3.381	.081	-2.053	20
	Equal variances not assumed			-2.053	16.915

Independent Samples Test[a]

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.010	-52848.182	18479.338
	Equal variances not assumed	.011	-52848.182	18479.338
arrival	Equal variances assumed	.053	-38054.545	18536.681
	Equal variances not assumed	.056	-38054.545	18536.681

Independent Samples Test[a]

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
departure	Equal variances assumed	-91395.405	-14300.959
	Equal variances not assumed	-91751.352	-13945.012
arrival	Equal variances assumed	-76721.385	612.294
	Equal variances not assumed	-77178.508	1069.417

a. country = Thailand

country = United Kingdom

Group Statistics[a]

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	44855.91	4159.465	1254.126
	12.00	11	52409.73	4041.644	1218.602
arrival	2.00	11	50756.55	5911.415	1782.359
	12.00	11	60723.09	5272.715	1589.783

a. country = United Kingdom

Independent Samples Test[a]

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	.015	.902	-4.320	20
	Equal variances not assumed			-4.320	19.984
arrival	Equal variances assumed	.028	.868	-4.173	20
	Equal variances not assumed			-4.173	19.744

Independent Samples Test[a]

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.000	-7553.818	1748.663
	Equal variances not assumed	.000	-7553.818	1748.663
arrival	Equal variances assumed	.000	-9966.545	2388.350
	Equal variances not assumed	.000	-9966.545	2388.350

Independent Samples Test[a]

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
departure	Equal variances assumed	-11201.465	-3906.172
	Equal variances not assumed	-11201.658	-3905.979
arrival	Equal variances assumed	-14948.556	-4984.535
	Equal variances not assumed	-14952.698	-4980.393

a. country = United Kingdom

country = Vietnam

Group Statistics[a]

	month	N	Mean	Std. Deviation	Std. Error Mean
departure	2.00	11	57210.00	17925.228	5404.660
	12.00	11	79475.18	21648.786	6527.355
arrival	2.00	11	60104.73	18693.713	5636.367
	12.00	11	73349.55	20275.686	6113.349

a. country = Vietnam

Independent Samples Test[a]

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
departure	Equal variances assumed	.476	.498	-2.627	20
	Equal variances not assumed			-2.627	19.328
arrival	Equal variances assumed	.032	.861	-1.593	20
	Equal variances not assumed			-1.593	19.869

Independent Samples Test[a]

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
departure	Equal variances assumed	.016	-22265.182	8474.474
	Equal variances not assumed	.016	-22265.182	8474.474
arrival	Equal variances assumed	.127	-13244.818	8315.147
	Equal variances not assumed	.127	-13244.818	8315.147

Independent Samples Test[a]

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
departure	Equal variances assumed	-39942.624	-4587.740
	Equal variances not assumed	-39982.137	-4548.227
arrival	Equal variances assumed	-30589.911	4100.274
	Equal variances not assumed	-30597.219	4107.583

a. country = Vietnam