

Oneway

Notes

Output Created		10-JAN-2021 16:11:04
Comments		
Input	Data	D:\ELEX2020\2020-2021\DATA\Input\Data 6.1. Anava1.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	54
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY Minat BY Kota /STATISTICS DESCRIPTIVES HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS /POSTHOC=TUKEY DUNCAN SCHEFFE LSD ALPHA(0.05).
Resources	Processor Time	00:00:00.56
	Elapsed Time	00:00:00.28

Descriptives

Minat

N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		

					Lower Bound	Upper Bound		
A	9	13.194	.4468	.1489	12.851	13.538		
B	9	12.611	.7101	.2367	12.065	13.157		
C	9	13.307	.5563	.1854	12.879	13.734		
D	9	13.244	.9670	.3223	12.501	13.988		
E	9	13.483	.7189	.2396	12.931	14.036		
F	9	12.200	.5044	.1681	11.812	12.588		
Total	54	13.007	.7855	.1069	12.792	13.221		

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Minat	Based on Mean	1.481	5	48	.214
	Based on Median	1.280	5	48	.288
	Based on Median and with adjusted df	1.280	5	43.010	.290
	Based on trimmed mean	1.528	5	48	.199

ANOVA

Minat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	10.946	5	2.189	4.829	.001
Within Groups	21.758	48	.453		
Total	32.704	53			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Minat

			Mean			95% Confidence Interval	
	(I) Kota	(J) Kota	Difference (I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
Tukey HSD	A	B	.5833	.3174	.452	-.359	1.525
		C	-.1122	.3174	.999	-1.054	.830
		D	-.0500	.3174	1.000	-.992	.892

	B	E		-.2889	.3174	.942	-1.231	.653
		F		.9944*	.3174	.033	.052	1.936
		A		-.5833	.3174	.452	-1.525	.359
		C		-.6956	.3174	.261	-1.638	.246
		D		-.6333	.3174	.360	-1.575	.309
		E		-.8722	.3174	.084	-1.814	.070
	C	F		.4111	.3174	.786	-.531	1.353
		A		.1122	.3174	.999	-.830	1.054
		B		.6956	.3174	.261	-.246	1.638
		D		.0622	.3174	1.000	-.880	1.004
		E		-.1767	.3174	.993	-1.119	.765
		F		1.1067*	.3174	.013	.165	2.049
	D	A		.0500	.3174	1.000	-.892	.992
		B		.6333	.3174	.360	-.309	1.575
		C		-.0622	.3174	1.000	-1.004	.880
		E		-.2389	.3174	.974	-1.181	.703
		F		1.0444*	.3174	.022	.102	1.986
	E	A		.2889	.3174	.942	-.653	1.231
		B		.8722	.3174	.084	-.070	1.814
		C		.1767	.3174	.993	-.765	1.119
		D		.2389	.3174	.974	-.703	1.181
		F		1.2833*	.3174	.002	.341	2.225
	F	A		-.9944*	.3174	.033	-1.936	-.052
		B		-.4111	.3174	.786	-1.353	.531
		C		-1.1067*	.3174	.013	-2.049	-.165
		D		-1.0444*	.3174	.022	-1.986	-.102
		E		-1.2833*	.3174	.002	-2.225	-.341
Scheffe	A	B		.5833	.3174	.644	-.518	1.685
		C		-.1122	.3174	1.000	-1.214	.989
		D		-.0500	.3174	1.000	-1.151	1.051
		E		-.2889	.3174	.974	-1.390	.813
		F		.9944	.3174	.101	-.107	2.096
	B	A		-.5833	.3174	.644	-1.685	.518
		C		-.6956	.3174	.451	-1.797	.406
		D		-.6333	.3174	.558	-1.735	.468
		E		-.8722	.3174	.204	-1.974	.229
		F		.4111	.3174	.889	-.690	1.513
	C	A		.1122	.3174	1.000	-.989	1.214
		B		.6956	.3174	.451	-.406	1.797
		D		.0622	.3174	1.000	-1.039	1.164

	D	E	-.1767	.3174	.997	-1.278	.925
		F	1.1067*	.3174	.048	.005	2.208
		A	.0500	.3174	1.000	-1.051	1.151
		B	.6333	.3174	.558	-.468	1.735
		C	-.0622	.3174	1.000	-1.164	1.039
		E	-.2389	.3174	.989	-1.340	.863
	E	F	1.0444	.3174	.074	-.057	2.146
		A	.2889	.3174	.974	-.813	1.390
		B	.8722	.3174	.204	-.229	1.974
		C	.1767	.3174	.997	-.925	1.278
		D	.2389	.3174	.989	-.863	1.340
	F	F	1.2833*	.3174	.013	.182	2.385
		A	-.9944	.3174	.101	-2.096	.107
		B	-.4111	.3174	.889	-1.513	.690
		C	-1.1067*	.3174	.048	-2.208	-.005
		D	-1.0444	.3174	.074	-2.146	.057
		E	-1.2833*	.3174	.013	-2.385	-.182
LSD	A	B	.5833	.3174	.072	-.055	1.221
		C	-.1122	.3174	.725	-.750	.526
		D	-.0500	.3174	.875	-.688	.588
		E	-.2889	.3174	.367	-.927	.349
		F	.9944*	.3174	.003	.356	1.633
	B	A	-.5833	.3174	.072	-1.221	.055
		C	-.6956*	.3174	.033	-1.334	-.057
		D	-.6333	.3174	.052	-1.271	.005
		E	-.8722*	.3174	.008	-1.510	-.234
		F	.4111	.3174	.201	-.227	1.049
	C	A	.1122	.3174	.725	-.526	.750
		B	.6956*	.3174	.033	.057	1.334
		D	.0622	.3174	.845	-.576	.700
		E	-.1767	.3174	.580	-.815	.461
		F	1.1067*	.3174	.001	.469	1.745
	D	A	.0500	.3174	.875	-.588	.688
		B	.6333	.3174	.052	-.005	1.271
		C	-.0622	.3174	.845	-.700	.576
		E	-.2389	.3174	.455	-.877	.399
		F	1.0444*	.3174	.002	.406	1.683
	E	A	.2889	.3174	.367	-.349	.927
		B	.8722*	.3174	.008	.234	1.510
		C	.1767	.3174	.580	-.461	.815

F	D	.2389	.3174	.455	-.399	.877
	F	1.2833*	.3174	.000	.645	1.921
	A	-.9944*	.3174	.003	-1.633	-.356
	B	-.4111	.3174	.201	-1.049	.227
	C	-1.1067*	.3174	.001	-1.745	-.469
	D	-1.0444*	.3174	.002	-1.683	-.406
	E	-1.2833*	.3174	.000	-1.921	-.645

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Minat			Subset for alpha = 0.05		
	Kota	N	1	2	3
Tukey HSD ^a	F	9	12.200		
	B	9	12.611	12.611	
	A	9		13.194	
	D	9		13.244	
	C	9		13.307	
	E	9		13.483	
	Sig.		.786	.084	
Duncan ^a	F	9	12.200		
	B	9	12.611	12.611	
	A	9		13.194	13.194
	D	9		13.244	13.244
	C	9			13.307
	E	9			13.483
	Sig.		.201	.064	.415
Scheffe ^a	F	9	12.200		
	B	9	12.611	12.611	
	A	9	13.194	13.194	
	D	9	13.244	13.244	
	C	9		13.307	
	E	9		13.483	
	Sig.		.074	.204	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9.000.

Means Plots

