

NONPAR CORR

```

/VARIABLES=V2.1 Special AgPractice AgProcess AgDepend AgUses Demo Health Eco
l Community Control
/PRINT=KENDALL TWOTAIL NOSIG
/MISSING=PAIRWISE.

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Nonparametric Correlations, Humans and Attini

Notes

Output Created		11-MAR-2016 09:02:21
Comments		
Input	Data	\\elda\anthropology\peregrip\My Documents\PETER\In Progress\SFI\ag_workinggroup\agriculture_plus.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	18
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		NONPAR CORR /VARIABLES=V2.1 Special AgPractice AgProcess AgDepend AgUses Demo Health Eco Community Control /PRINT=KENDALL TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01
	Number of Cases Allowed	224694 cases ^a

a. Based on availability of workspace memory

Tau-b Correlations

	Degree of dependence on domesticates	Specialization Index	Ag Practice Index	Ag Processes Index	Ag Dependence Index	Ag Uses Index	Demographics Index	Health Index	Ecological Index	Community Relations Index	Social Control Index
Degree of dependence on domesticates	1.00 .032 18	.482* .032 18	.81** .000 17	.75** .000 18	.70** .000 18	.146 .476 18	.223 .265 18	-.018 .932 18	.64** .009 15	-.064 .753 17	.62** .006 15
Specialization Index	.482* .032 18	1.00 .023 18	.470* .023 17	.53** .009 18	.54** .009 18	.348 .100 18	.60** .003 18	.368 .087 18	.413 .098 15	.413* .047 17	.351 .136 15
Ag Practice Index	.81** .000 17	.470* .023 17	1.00 .000 17	.66** .000 17	.65** .000 17	.293 .124 17	.246 .182 17	.025 .897 17	.58** .007 15	.017 .928 16	.454* .030 14
Ag Process Index	.75** .000 18	.53** .009 18	.66** .000 17	1.00 .000 18	.94** .000 18	.292 .117 18	.372* .041 18	.075 .691 18	.259 .246 15	.062 .739 17	.361 .076 15
Ag Dependence Index	.70** .000 18	.54** .009 18	.65** .000 17	.94** .000 18	1.00 .000 18	.299 .113 18	.351 .056 18	.069 .718 18	.178 .433 15	.095 .613 17	.362 .081 15
Ag Uses Index	.146 .476 18	.348 .100 18	.293 .124 17	.292 .117 18	.299 .113 18	1.00 .025 18	.424* .025 18	.63** .001 18	.040 .864 15	.55** .004 17	.518* .016 15
Demographics Index	.223 .265 18	.60** .003 18	.246 .182 17	.372* .041 18	.351 .056 18	.424* .025 18	1.00 .000 18	.54** .005 18	.163 .471 15	.335 .072 17	.258 .218 15
Health Index	-.018 .932 18	.368 .087 18	.025 .897 17	.075 .691 18	.069 .718 18	.63** .001 18	.54** .005 18	1.00 .000 18	.093 .690 15	.53** .006 17	.355 .098 15
Ecological Index	.64** .009 15	.413 .098 15	.58** .007 15	.259 .246 15	.178 .433 15	.040 .864 15	.163 .471 15	.093 .690 15	1.00 .000 15	.137 .546 14	.584* .024 12
Community Relations Index	-.064 .753 17	.413* .047 17	.017 .928 16	.062 .739 17	.095 .613 17	.55** .004 17	.335 .072 17	.53** .006 17	.137 .546 14	1.00 .000 17	.468* .026 14
Social Control Index	.62** .006 15	.351 .136 15	.454* .030 14	.361 .076 15	.362 .081 15	.518* .016 15	.258 .218 15	.355 .098 15	.584* .024 12	.468* .026 14	1.00 .000 15

*. Correlation is significant at the 0.05 level (2-tailed).

** . Correlation is significant at the 0.01 level (2-tailed).

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USE ALL.
COMPUTE filter_$=(V2.1 = 3).
VARIABLE LABELS filter_$ 'V2.1 = 3 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
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FILTER BY filter_$.
EXECUTE.
T-TEST GROUPS=Sequence(4)
  /MISSING=ANALYSIS
  /VARIABLES=Special AgPractice AgProcess AgDepend AgUses Demo Health Ecol Com
community Control
  /CRITERIA=CI(.95).
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T-Test comparing Attini and Humans (fully dependent on agriculture)

Notes

Output Created		11-MAR-2016 09:04:36
Comments		
Input	Data	\\elda\anthropology\peregrip\My Documents\PETER\In Progress\SFI\ag_workinggroup\agriculture_plus.sav
	Active Dataset	DataSet2
	Filter	V2.1 = 3 (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	5
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=Sequence(4) /MISSING=ANALYSIS /VARIABLES=Special AgPractice AgProcess AgDepend AgUses Demo Health Ecol Community Control /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

Group Statistics

	Sequence	N	Mean	Std. Deviation	Std. Error Mean
Specialization Index	>= 4	3	.3990	.57547	.33225
	< 4	2	.7312	.00000	.00000
Ag Practice Index	>= 4	3	.8098	.32434	.18726
	< 4	2	.8653	.06747	.04771
Ag Process Index	>= 4	3	.6848	.19716	.11383
	< 4	2	.9124	.00000	.00000
Ag Dependence Index	>= 4	3	.2870	.15773	.09106
	< 4	2	.4692	.00000	.00000
Ag Uses Index	>= 4	3	-1.1781	.00000 ^a	.00000
	< 4	2	.6308	.00000 ^a	.00000
Demographics Index	>= 4	3	-.2308	.89993	.51957
	< 4	2	.6605	.00000	.00000
Health Index	>= 4	3	-.8971	.40976	.23657
	< 4	2	.5498	.46098	.32596
Ecological Index	>= 4	3	.7148	.56928	.32867
	< 4	2	1.0435	.00000	.00000
Community Relations Index	>= 4	3	-.6135	.52290	.30190
	< 4	2	.1928	.29083	.20565
Social Control Index	>= 4	0 ^b	.	.	.
	< 4	2	.4958	.38056	.26910

a. t cannot be computed because the standard deviations of both groups are 0.

b. t cannot be computed because at least one of the groups is empty.

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
Specialization Index	Equal variances assumed	9.600	.053	-0.775	3	.495	-.332	.4289	-1.70	1.033
	Equal variances not assumed			-1.00	2.000	.423	-.332	.3322	-1.76	1.097
Ag Practice Index	Equal variances assumed	2.997	.182	-0.227	3	.835	-.056	.2443	-.833	.7221
	Equal variances not assumed			-.287	2.249	.798	-.056	.1932	-.805	.6936
Ag Process Index	Equal variances assumed	9.600	.053	-1.55	3	.219	-.228	.1470	-.695	.2400
	Equal variances not assumed			-2.00	2.000	.184	-.228	.1138	-.717	.2621
Ag Dependence Index	Equal variances assumed	9.600	.053	-1.55	3	.219	-.182	.1176	-.556	.1920
	Equal variances not assumed			-2.00	2.000	.184	-.182	.0911	-.574	.2097
Demographics Index	Equal variances assumed	2.643	.203	-1.33	3	.276	-.891	.6708	-3.03	1.243
	Equal variances not assumed			-1.72	2.000	.228	-.891	.5196	-3.13	1.344
Health Index	Equal variances assumed	.011	.924	-3.71	3	.034	-1.45	.3903	-2.69	-.205
	Equal variances not assumed			-3.59	2.047	.067	-1.45	.4028	-3.14	.2484

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
Ecological Index	Equal variances assumed	9.600	.053	-0.775	3	.495	-.329	.4243	-1.68	1.022
	Equal variances not assumed			-1.00	2.000	.423	-.329	.3287	-1.74	1.085
Community Relations Index	Equal variances assumed	1.112	.369	-1.93	3	.150	-.806	.4188	-2.14	.5265
	Equal variances not assumed			-2.21	2.996	.114	-.806	.3653	-1.97	.3570

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USE ALL.
COMPUTE filter_$=(V2.1 >= 2).
VARIABLE LABELS filter_$ 'V2.1 >= 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
T-TEST GROUPS=Sequence(4)
  /MISSING=ANALYSIS
  /VARIABLES=Special AgPractice AgProcess AgDepend AgUses Demo Health Ecol Com
community Control
  /CRITERIA=CI(.95).

```

T-Test comparing Attini and Humans (partial to full dependence on agriculture)

Notes

Output Created		11-MAR-2016 09:06:41
Comments		
Input	Data	\\elda\anthropology\peregrip\My Documents\PETER\In Progress\SFI\ag_workinggroup\agriculture_plus.sav
	Active Dataset	DataSet2
	Filter	V2.1 >= 2 (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	13
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=Sequence(4) /MISSING=ANALYSIS /VARIABLES=Special AgPractice AgProcess AgDepend AgUses Demo Health Ecol Community Control /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

Group Statistics

	Sequence	N	Mean	Std. Deviation	Std. Error Mean
Specialization Index	>= 4	3	.3990	.57547	.33225
	< 4	10	.3257	.85488	.27034
Ag Practice Index	>= 4	3	.8098	.32434	.18726
	< 4	10	-.0082	.60938	.19270
Ag Process Index	>= 4	3	.6848	.19716	.11383
	< 4	10	.3229	.45753	.14468
Ag Dependence Index	>= 4	3	.2870	.15773	.09106
	< 4	10	.2062	.30233	.09561
Ag Uses Index	>= 4	3	-1.1781	.00000	.00000
	< 4	10	.5467	.13265	.04195
Demographics Index	>= 4	3	-.2308	.89993	.51957
	< 4	10	.2695	.72347	.22878
Health Index	>= 4	3	-.8971	.40976	.23657
	< 4	10	.3497	.60592	.19161
Ecological Index	>= 4	3	.7148	.56928	.32867
	< 4	10	-.0323	.97159	.30724
Community Relations Index	>= 4	3	-.6135	.52290	.30190
	< 4	10	.2830	.57705	.18248
Social Control Index	>= 4	0 ^a	.	.	.
	< 4	10	.3789	.30740	.09721

a. t cannot be computed because at least one of the groups is empty.

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
Specialization Index	Equal variances assumed	.440	.521	.137	11	.893	.0733	.5340	-1.10	1.249
	Equal variances not assumed			.171	5.034	.871	.0733	.4283	-1.03	1.172
Ag Practice Index	Equal variances assumed	1.940	.191	2.186	11	.051	.8179	.3741	-.005	1.641
	Equal variances not assumed			3.044	6.788	.019	.8179	.2687	.1785	1.457
Ag Process Index	Equal variances assumed	4.367	.061	1.302	11	.220	.3618	.2780	-.250	.9737
	Equal variances not assumed			1.966	8.660	.082	.3618	.1841	-.057	.7808
Ag Dependence Index	Equal variances assumed	3.726	.080	.436	11	.671	.0809	.1854	-.327	.4889
	Equal variances not assumed			.612	6.960	.560	.0809	.1320	-.232	.3934
Ag Uses Index	Equal variances assumed	4.600	.055	-21.8	11	.000	-1.72	.0790	-1.90	-1.55
	Equal variances not assumed			-41.1	9.000	.000	-1.72	.0419	-1.82	-1.63
Demographics Index	Equal variances assumed	.000	.983	-1.00	11	.338	-.500	.4994	-1.60	.5988
	Equal variances not assumed			-.881	2.827	.447	-.500	.5677	-2.37	1.371
Health Index	Equal variances assumed	1.964	.189	-3.29	11	.007	-1.25	.3787	-2.08	-.413
	Equal variances not assumed			-4.10	5.006	.009	-1.25	.3044	-2.03	-.465
Ecological Index	Equal variances assumed	5.791	.035	1.245	11	.239	.7471	.6002	-.574	2.068
	Equal variances not assumed			1.660	6.004	.148	.7471	.4499	-.354	1.848

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
Community Relations Index	Equal variances assumed	.017	.899	-2.40	11	.035	-.897	.3736	-1.72	-.074
	Equal variances not assumed			-2.54	3.621	.070	-.897	.3528	-1.92	.1247