

Explore

Notes

Output Created		17-MAY-2023 19:16:35
Comments		
Input	Data	C:\Users\13635660\Downloads\2023 PSEM Assessment 2 Data (1).sav
	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	568
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=AGE GEND /PLOT NONE /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

[DataSet4] C:\Users\13635660\Downloads\2023 PSEM Assessment 2
Data (1).sav

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Age in years	547	96.3%	21	3.7%	568	100.0%
Which gender do you identify as?	547	96.3%	21	3.7%	568	100.0%

Descriptives

			Statistic	Std. Error
Age in years	Mean		32.02	.431
	95% Confidence Interval for Mean	Lower Bound	31.17	
		Upper Bound	32.86	
	5% Trimmed Mean		31.33	
	Median		30.00	
	Variance		101.833	
	Std. Deviation		10.091	
	Minimum		18	
	Maximum		71	
	Range		53	
	Interquartile Range		14	
	Skewness		.980	.104
	Kurtosis		.816	.209
Which gender do you identify as?	Mean		1.75	.032
	95% Confidence Interval for Mean	Lower Bound	1.69	
		Upper Bound	1.81	

	5% Trimmed Mean	1.68	
	Median	2.00	
	Variance	.568	
	Std. Deviation	.754	
	Minimum	1	
	Maximum	6	
	Range	5	
	Interquartile Range	1	
	Skewness	1.502	.104
	Kurtosis	4.618	.209

Frequencies

Notes

Output Created		17-MAY-2023 19:17:07
Comments		
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	Active Dataset	DataSet4
	Filter	<none>
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	Split File	<none>
	N of Rows in Working Data File	568
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=GEND

		/ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

Statistics

Which gender do you identify as?

N	Valid	568
	Missing	0

Which gender do you identify as?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Man	218	38.4	38.4	38.4
	Woman	298	52.5	52.5	90.8
	Non-binary	37	6.5	6.5	97.4
	Genderqueer	8	1.4	1.4	98.8
	Another gender	6	1.1	1.1	99.8
	Prefer not to say	1	.2	.2	100.0
	Total	568	100.0	100.0	

Explore

Notes

Output Created		17-MAY-2023 19:26:29
Comments		
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	Active Dataset	DataSet4
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	Split File	<none>
	N of Rows in Working Data File	568
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=AGE SMART BY POLY /PLOT NONE /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

Do you identify as polyamorous?

Case Processing Summary

		Cases				Total N
		Valid		Missing		
	Do you identify as polyamorous?	N	Percent	N	Percent	
Age in years	Yes	39	95.1%	2	4.9%	41
	No	420	96.6%	15	3.4%	435
	Open to polyamory	87	95.6%	4	4.4%	91
SMART	Yes	39	95.1%	2	4.9%	41
	No	420	96.6%	15	3.4%	435

Open to polyamory	87	95.6%	4	4.4%	91
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Case Processing Summary

		Cases
		Total Percent
Age in years	Yes	100.0%
	No	100.0%
	Open to polyamory	100.0%
SMART	Yes	100.0%
	No	100.0%
	Open to polyamory	100.0%

Descriptives

		Do you identify as polyamorous?		Statistic	Std. Error
Age in years	Yes	Mean		36.54	1.780
		95% Confidence Interval for Mean	Lower Bound	32.94	
			Upper Bound	40.14	
		5% Trimmed Mean		35.93	
		Median		35.00	
		Variance		123.518	
		Std. Deviation		11.114	
		Minimum		21	
		Maximum		67	
		Range		46	
		Interquartile Range		16	
		Skewness		.693	.378
		Kurtosis		.130	.741
	No	Mean		31.73	.487
		95% Confidence Interval for Mean	Lower Bound	30.78	
			Upper	32.69	

		Bound			
		5% Trimmed Mean		31.05	
		Median		29.50	
		Variance		99.666	
		Std. Deviation		9.983	
		Minimum		18	
		Maximum		71	
		Range		53	
		Interquartile Range		14	
		Skewness		.990	.119
		Kurtosis		.959	.238
	Open to polyamory	Mean		31.43	1.050
		95% Confidence Interval for Mean	Lower Bound	29.34	
			Upper Bound	33.51	
		5% Trimmed Mean		30.73	
		Median		29.00	
		Variance		95.922	
		Std. Deviation		9.794	
		Minimum		18	
		Maximum		64	
		Range		46	
		Interquartile Range		13	
		Skewness		1.086	.258
		Kurtosis		.785	.511
SMART	Yes	Mean		3.1026	.13423
		95% Confidence Interval for Mean	Lower Bound	2.8308	
			Upper Bound	3.3743	
		5% Trimmed Mean		3.1045	
		Median		3.3333	

		Variance		.703	
		Std. Deviation		.83824	
		Minimum		1.33	
		Maximum		5.00	
		Range		3.67	
		Interquartile Range		1.00	
		Skewness		-.023	.378
		Kurtosis		-.429	.741
	No	Mean		3.4341	.03450
		95% Confidence Interval for Mean	Lower Bound	3.3663	
			Upper Bound	3.5019	
		5% Trimmed Mean		3.4330	
		Median		3.3333	
		Variance		.500	
		Std. Deviation		.70694	
		Minimum		1.33	
		Maximum		5.00	
	Open to polyamory	Range		3.67	
		Interquartile Range		1.00	
		Skewness		-.007	.119
		Kurtosis		.028	.238
		Mean		3.2490	.09568
		95% Confidence Interval for Mean	Lower Bound	3.0588	
			Upper Bound	3.4392	
		5% Trimmed Mean		3.2810	
		Median		3.3333	
		Variance		.796	
		Std. Deviation		.89243	

	Minimum	1.00	
	Maximum	5.00	
	Range	4.00	
	Interquartile Range	1.33	
	Skewness	-.523	.258
	Kurtosis	.218	.511

Frequencies

Notes

Output Created		17-MAY-2023 19:28:38
Comments		
Input	Data	C:\Users\13635660\Downloads\2023 PSEM Assessment 2 Data (1).sav
	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	Do you identify as polyamorous?
	N of Rows in Working Data File	568
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=GEND /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Statistics

Which gender do you identify as?

.	N	Valid	1
		Missing	0
Yes	N	Valid	41
		Missing	0
No	N	Valid	435
		Missing	0
Open to polyamory	N	Valid	91
		Missing	0

Which gender do you identify as?

Do you identify as polyamorous?			Frequency	Percent	Valid Percent	Cumulative Percent
.	Valid	Man	1	100.0	100.0	100.0
Yes	Valid	Man	11	26.8	26.8	26.8
		Woman	16	39.0	39.0	65.9
		Non-binary	11	26.8	26.8	92.7
		Genderqueer	2	4.9	4.9	97.6
		Another gender	1	2.4	2.4	100.0
		Total	41	100.0	100.0	
No	Valid	Man	171	39.3	39.3	39.3
		Woman	243	55.9	55.9	95.2
		Non-binary	15	3.4	3.4	98.6
		Genderqueer	4	.9	.9	99.5
		Another gender	2	.5	.5	100.0
		Total	435	100.0	100.0	
Open to polyamory	Valid	Man	35	38.5	38.5	38.5
		Woman	39	42.9	42.9	81.3
		Non-binary	11	12.1	12.1	93.4
		Genderqueer	2	2.2	2.2	95.6
		Another gender	3	3.3	3.3	98.9
		Prefer not to say	1	1.1	1.1	100.0
		Total	91	100.0	100.0	

Explore

Notes

Output Created		17-MAY-2023 19:33:10
Comments		
Input	Data	C:\Users\13635660\Downloads\2023 PSEM Assessment 2 Data (1).sav
	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	568
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=SMART BY POLY /PLOT BOXPLOT HISTOGRAM NPLOT /COMPARE GROUPS /STATISTICS NONE /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:06.89
	Elapsed Time	00:00:06.32

Do you identify as polyamorous?

Case Processing Summary

				Cases		
Do you identify as polyamorous?		Valid		Missing		Total N
		N	Percent	N	Percent	
SMAR T	Yes	41	100.0%	0	0.0%	41
	No	435	100.0%	0	0.0%	435
	Open to polyamory	91	100.0%	0	0.0%	91

Case Processing Summary

		Cases
		Total
Do you identify as polyamorous?		Percent
SMAR T	Yes	100.0%
	No	100.0%
	Open to polyamory	100.0%

Tests of Normality

		Kolmogorov-Smirnov ^a			Shapiro-Wilk	
Do you identify as polyamorous?		Statistic	df	Sig.	Statistic	df
SMAR T	Yes	.134	41	.063	.976	41
	No	.113	435	<.001	.975	435
	Open to polyamory	.116	91	.004	.964	91

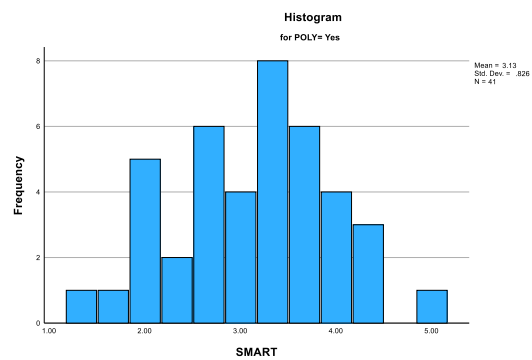
Tests of Normality

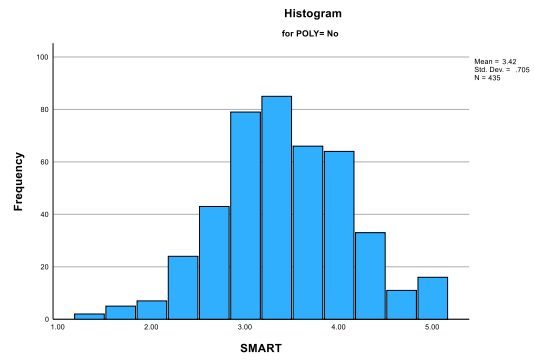
		Shapiro- Wilk ^a
Do you identify as polyamorous?		Sig.
SMAR T	Yes	.521
	No	<.001
	Open to polyamory	.014

a. Lilliefors Significance Correction

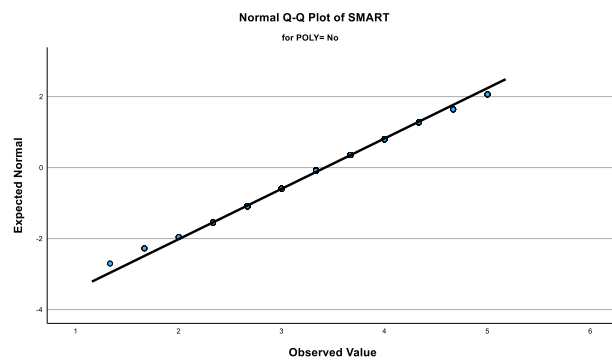
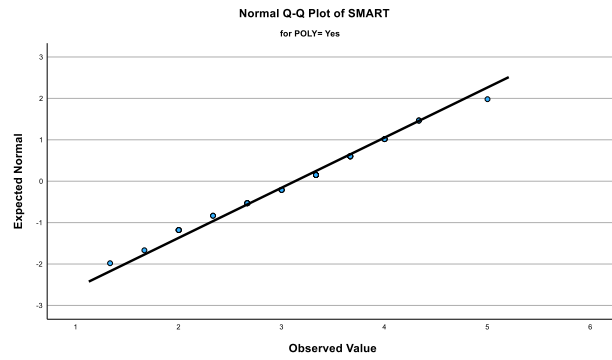
SMART

Histograms

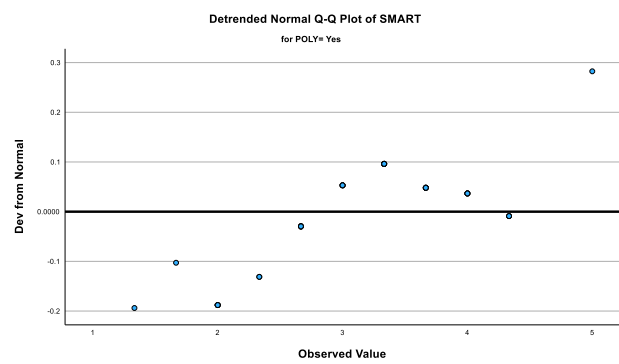


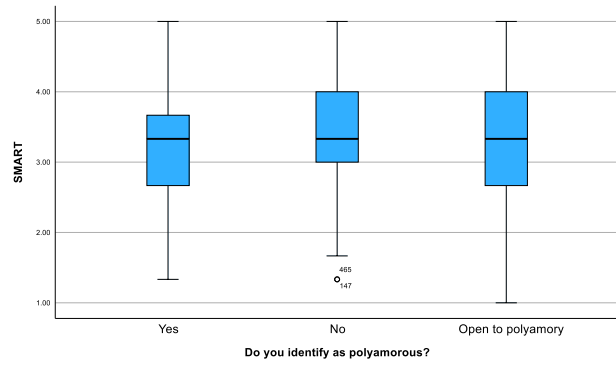
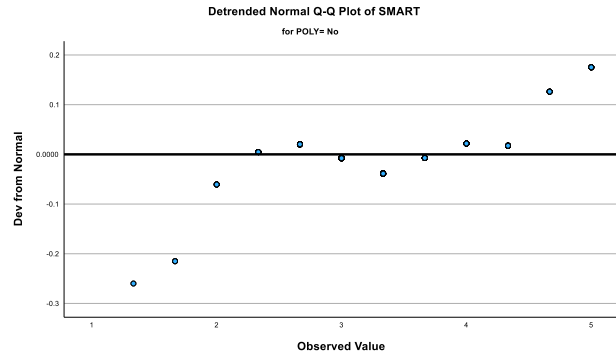


Normal Q-Q Plots



Detrended Normal Q-Q Plots





T-Test

Notes

Output Created		17-MAY-2023 19:35:52
Comments		
Input	Data	C:\Users\13635660\Downloads\2023 PSEM Assessment 2 Data (1).sav
	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	568
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=POLY(1 2) /MISSING=ANALYSIS /VARIABLES=SMART /ES DISPLAY(TRUE) /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

Group Statistics

Do you identify as polyamorous?	N	Mean	Std. Deviation	Std. Error Mean
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SMAR	Yes	41	3.1301	.82623	.12904
T	No	435	3.4215	.70486	.03380

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
SMAR T	Equal variances assumed	2.532	.112	-2.491	474
	Equal variances not assumed			-2.184	45.656

Independent Samples Test

		Significance		Mean Difference	Std. Error Difference
		One-Sided p	Two-Sided p		
SMAR T	Equal variances assumed	.007	.013	-.29137	.11695
	Equal variances not assumed	.017	.034	-.29137	.13339

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
SMAR T	Equal variances assumed	-.52119	-.06156
	Equal variances not assumed	-.55992	-.02282

Independent Samples Effect Sizes

Standardizer ^a	Point Estimate	95% Confidence Interval	
		Lower	Upper

SMAR T	Cohen's d	.71590	-.407	-.728	-.086
	Hedges' correction	.71703	-.406	-.727	-.085
	Glass's delta	.70486	-.413	-.735	-.092

a. The denominator used in estimating the effect sizes.

Cohen's d uses the pooled standard deviation.

Hedges' correction uses the pooled standard deviation, plus a correction factor.

Glass's delta uses the sample standard deviation of the control group.

Frequencies

Notes

Output Created		17-MAY-2023 19:45:50
Comments		
Input	Data	C:\Users\13635660\Downloads\2023 PSEM Assessment 2 Data (1).sav
	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	Partner selection experience type groups
	N of Rows in Working Data File	568
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=GEND AGE /STATISTICS=STDDEV MEAN /ORDER=ANALYSIS.

Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Statistics

Partner selection experience type groups			Which gender do you identify as?	Age in years
.	N	Valid	12	11
		Missing	0	1
	Mean		1.92	32.09
	Std. Deviation		.793	11.104
Opposite-Attracted	N	Valid	273	264
		Missing	0	9
	Mean		1.57	32.25
	Std. Deviation		.504	9.696
Same-attracted	N	Valid	95	94
		Missing	0	1
	Mean		1.51	34.07
	Std. Deviation		.742	11.897
Many-attracted	N	Valid	141	133
		Missing	0	8
	Mean		2.10	30.29
	Std. Deviation		.831	9.565
Asexual	N	Valid	47	45
		Missing	0	2
	Mean		2.19	31.42
	Std. Deviation		1.096	9.021

Frequency Table

Which gender do you identify as?

Partner selection experience type groups			Frequency	Percent	Valid Percent	Cumulative Percent
.	Valid	Man	4	33.3	33.3	33.3
		Woman	5	41.7	41.7	75.0

		Non-binary	3	25.0	25.0	100.0
		Total	12	100.0	100.0	
Opposite-Attracted	Valid	Man	119	43.6	43.6	43.6
		Woman	153	56.0	56.0	99.6
		Non-binary	1	.4	.4	100.0
		Total	273	100.0	100.0	
Same-attracted	Valid	Man	58	61.1	61.1	61.1
		Woman	29	30.5	30.5	91.6
		Non-binary	5	5.3	5.3	96.8
		Genderqueer	3	3.2	3.2	100.0
		Total	95	100.0	100.0	
Many-attracted	Valid	Man	25	17.7	17.7	17.7
		Woman	90	63.8	63.8	81.6
		Non-binary	17	12.1	12.1	93.6
		Genderqueer	5	3.5	3.5	97.2
		Another gender	4	2.8	2.8	100.0
		Total	141	100.0	100.0	
Asexual	Valid	Man	12	25.5	25.5	25.5
		Woman	21	44.7	44.7	70.2
		Non-binary	11	23.4	23.4	93.6
		Another gender	2	4.3	4.3	97.9
		Prefer not to say	1	2.1	2.1	100.0
		Total	47	100.0	100.0	

Explore

Notes

Output Created		17-MAY-2023 19:49:41
Comments		
Input	Data	C:\Users\13635660\Downloads\2023 PSEM

		Assessment 2 Data (1).sav
Active Dataset		DataSet4
Filter		<none>
Weight		<none>
Split File		<none>
N of Rows in Working Data File		568
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=SMART BY SEXID_4GROUPS /PLOT BOXPLOT HISTOGRAM NPLOT /COMPARE GROUPS /STATISTICS NONE /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:07.48
	Elapsed Time	00:00:07.69

Partner selection experience type groups

Case Processing Summary

		Cases				Total N
Partner selection experience type groups		Valid N	Valid Percent	Missing N	Missing Percent	
SMAR	Opposite-Attracted	273	100.0%	0	0.0%	273

T	Same-attracted	95	100.0%	0	0.0%	95
	Many-attracted	141	100.0%	0	0.0%	141
	Asexual	47	100.0%	0	0.0%	47

Case Processing Summary

		Cases
		Total
Partner selection experience type groups		Percent
SMAR T	Opposite-Attracted	100.0%
	Same-attracted	100.0%
	Many-attracted	100.0%
	Asexual	100.0%

Tests of Normality

		Kolmogorov-Smirnov ^a			Shapiro-Wilk	
Partner selection experience type groups		Statistic	df	Sig.	Statistic	df
SMAR T	Opposite-Attracted	.124	273	<.001	.974	273
	Same-attracted	.112	95	.005	.946	95
	Many-attracted	.114	141	<.001	.973	141
	Asexual	.111	47	.189	.974	47

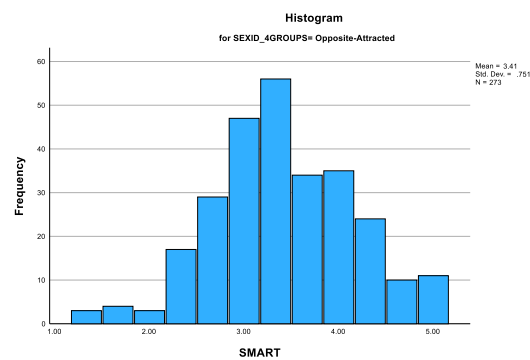
Tests of Normality

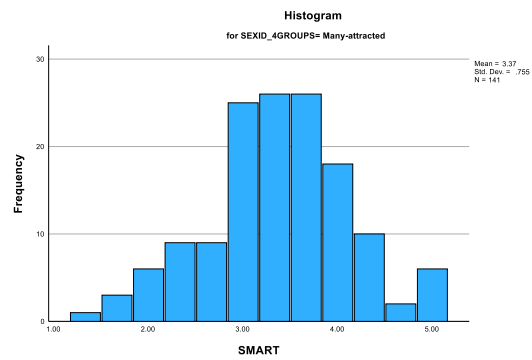
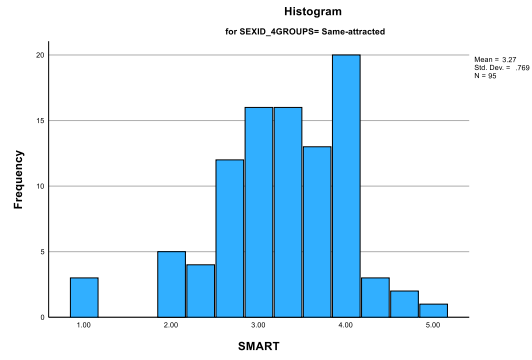
		Shapiro-Wilk ^a
Partner selection experience type groups		Sig.
SMAR T	Opposite-Attracted	<.001
	Same-attracted	<.001
	Many-attracted	.007
	Asexual	.378

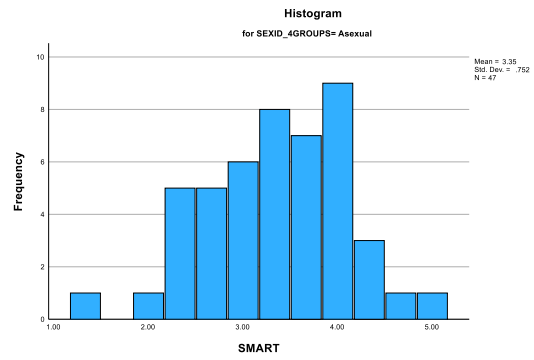
a. Lilliefors Significance Correction

SMART

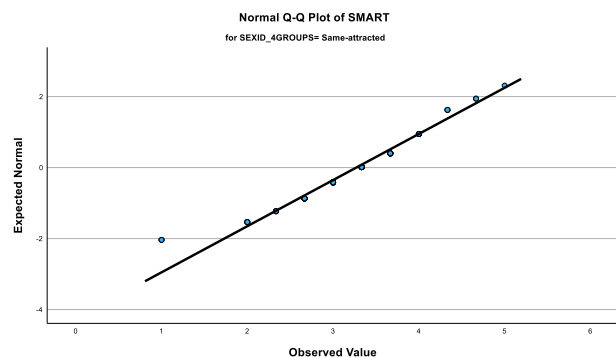
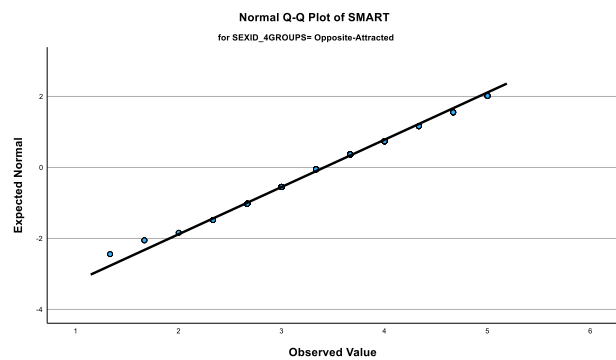
Histograms

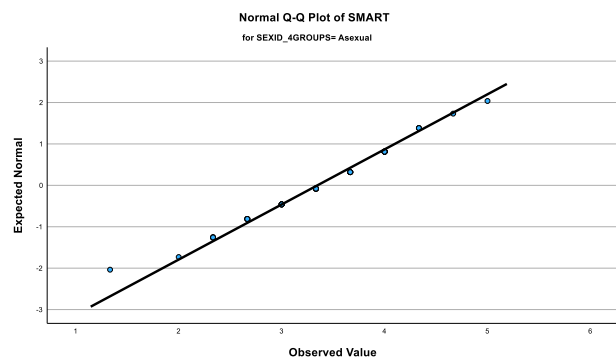
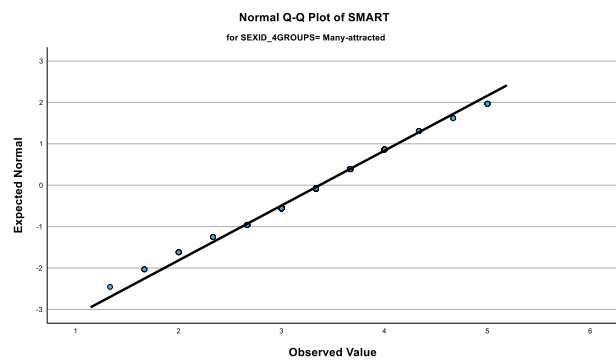




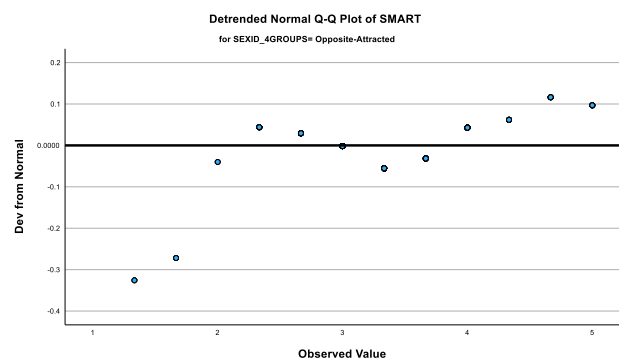


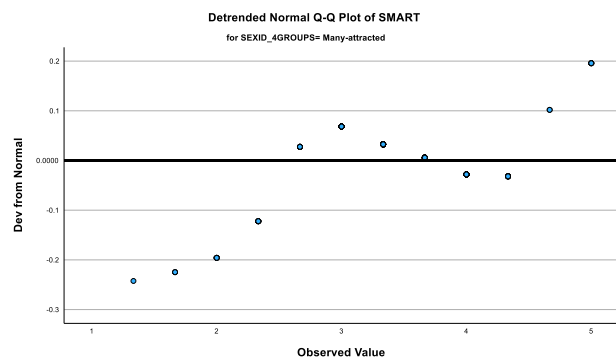
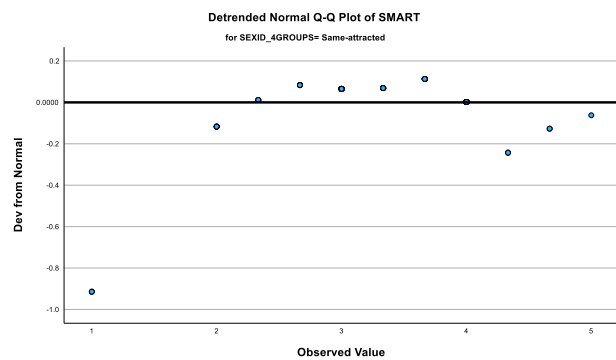
Normal Q-Q Plots

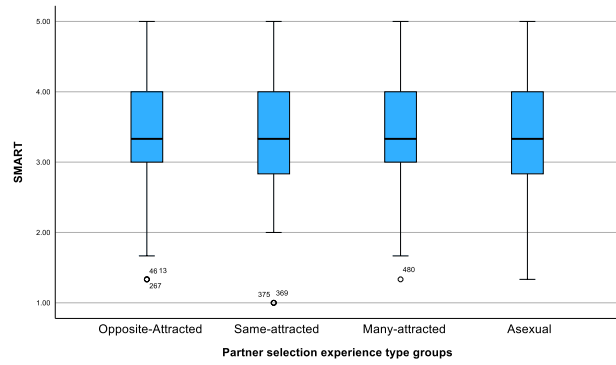
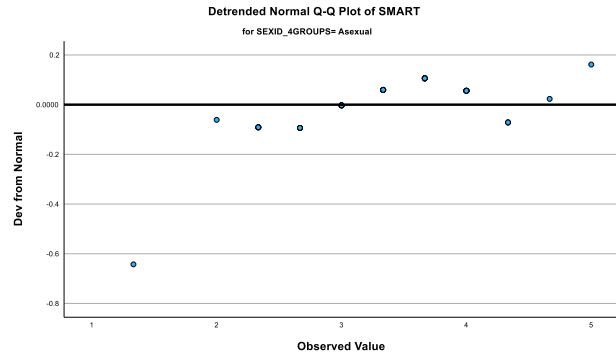




Detrended Normal Q-Q Plots







Oneway

Notes

Output Created		17-MAY-2023 19:52:13
Comments		
Input	Data	C:\Users\13635660\Downloads\2023 PSEM Assessment 2 Data (1).sav
	Active Dataset	DataSet4
	Filter	<none>
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	Split File	<none>
	N of Rows in Working Data File	568
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 SMART BY SEXID_4GROUPS /ES=OVERALL /STATISTICS DESCRIPTIVES HOMOGENEITY /MISSING ANALYSIS /CRITERIA=CILEVEL(0.95) /POSTHOC=TUKEY ALPHA(0.05).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

Descriptives

SMART

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Opposite-Attracted	273	3.4127	.75123	.04547	3.3232	3.5022
Same-attracted	95	3.2702	.76923	.07892	3.1135	3.4269
Many-attracted	141	3.3688	.75457	.06355	3.2432	3.4944
Asexual	47	3.3475	.75167	.10964	3.1268	3.5682
Total	556	3.3717	.75491	.03202	3.3088	3.4346

Descriptives

SMART

	Minimum	Maximum
Opposite-Attracted	1.33	5.00
Same-attracted	1.00	5.00
Many-attracted	1.33	5.00
Asexual	1.33	5.00
Total	1.00	5.00

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
SMART	Based on Mean	.030	3	552	.993
	Based on Median	.019	3	552	.996
	Based on Median and with adjusted df	.019	3	550.970	.996
	Based on trimmed mean	.025	3	552	.995

ANOVA

SMART

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.467	3	.489	.857	.463

Within Groups	314.826	552	.570		
Total	316.293	555			

ANOVA Effect Sizes^{a,b}

		Point Estimate	95% Confidence Interval	
			Lower	Upper
SMART	Eta-squared	.005	.000	.017
	Epsilon-squared	-.001	-.005	.012
	Omega-squared Fixed-effect	-.001	-.005	.012
	Omega-squared Random-effect	.000	-.002	.004

a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model.

b. Negative but less biased estimates are retained, not rounded to zero.

Post Hoc Tests

Multiple Comparisons

Dependent Variable: SMART

Tukey HSD

(I) Partner selection experience type groups	(J) Partner selection experience type groups	Mean Difference (I- J)	Std. Error	Sig.
Opposite-Attracted	Same-attracted	.14252	.08996	.388
	Many-attracted	.04390	.07832	.944
	Asexual	.06518	.11926	.947
Same-attracted	Opposite-Attracted	-.14252	.08996	.388
	Many-attracted	-.09862	.10024	.759
	Asexual	-.07734	.13468	.940
Many-attracted	Opposite-Attracted	-.04390	.07832	.944
	Same-attracted	.09862	.10024	.759
	Asexual	.02128	.12720	.998

Asexual	Opposite-Attracted	-.06518	.11926	.947
	Same-attracted	.07734	.13468	.940
	Many-attracted	-.02128	.12720	.998

Multiple Comparisons

Dependent Variable: SMART

Tukey HSD

		95% Confidence Interval	
(I) Partner selection experience type groups	(J) Partner selection experience type groups	Lower Bound	Upper Bound
Opposite-Attracted	Same-attracted	-.0893	.3743
	Many-attracted	-.1579	.2457
	Asexual	-.2421	.3725
Same-attracted	Opposite-Attracted	-.3743	.0893
	Many-attracted	-.3569	.1597
	Asexual	-.4244	.2697
Many-attracted	Opposite-Attracted	-.2457	.1579
	Same-attracted	-.1597	.3569
	Asexual	-.3065	.3491
Asexual	Opposite-Attracted	-.3725	.2421
	Same-attracted	-.2697	.4244
	Many-attracted	-.3491	.3065

Homogeneous Subsets

SMART

Tukey HSD^{a,b}

Partner selection experience type groups	N	Subset for alpha = 0.05
		1
Same-attracted	95	3.2702
Asexual	47	3.3475
Many-attracted	141	3.3688
Opposite-Attracted	273	3.4127
Sig.		.567

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 93.989.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.