

Host

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Mediated Regression

Mediated Regression

Import data

Mediated Regression Variable Preparation

Mediated Regression Variable Preparation
Create X, mediator, outcome, and covariate dummies

Mediated Regression Prepared Data Summary

Mediated Regression Prepared Data Summary
X, mediator, outcome, and covariates

Frequencies

[MediatedRegressionData] D:\DATA ANALYSIS\H Regression Tests and Models\Mediated Regression\SPSS_Output\sav\Mediated-Regression-data.sav

Statistics

		School dummy: 1 = MS, 0 = GP	Sex dummy: 1 = male, 0 = female	Address dummy: 1 = urban, 0 = rural	Higher education intention dummy: yes	Internet access dummy: yes
N	Valid	649	649	649	649	649
	Missing	0	0	0	0	0

Statistics

		School support dummy: yes	Family support dummy: yes	Activities dummy: yes
N	Valid	649	649	649
	Missing	0	0	0

Frequency Table

School dummy: 1 = MS, 0 = GP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No / reference	423	65.2	65.2	65.2
	Yes / target	226	34.8	34.8	100.0
	Total	649	100.0	100.0	

Sex dummy: 1 = male, 0 = female

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No / reference	383	59.0	59.0	59.0
	Yes / target	266	41.0	41.0	100.0
	Total	649	100.0	100.0	

Mediated Regression Prepared Data Summary
X, mediator, outcome, and covariates

Address dummy: 1 = urban, 0 = rural

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No / reference	197	30.4	30.4	30.4
	Yes / target	452	69.6	69.6	100.0
	Total	649	100.0	100.0	

Higher education intention dummy: yes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No / reference	69	10.6	10.6	10.6
	Yes / target	580	89.4	89.4	100.0
	Total	649	100.0	100.0	

Internet access dummy: yes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No / reference	151	23.3	23.3	23.3
	Yes / target	498	76.7	76.7	100.0
	Total	649	100.0	100.0	

School support dummy: yes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No / reference	581	89.5	89.5	89.5
	Yes / target	68	10.5	10.5	100.0
	Total	649	100.0	100.0	

Family support dummy: yes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No / reference	251	38.7	38.7	38.7
	Yes / target	398	61.3	61.3	100.0
	Total	649	100.0	100.0	

Mediated Regression Prepared Data Summary
X, mediator, outcome, and covariates

Activities dummy: yes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No / reference	334	51.5	51.5	51.5
	Yes / target	315	48.5	48.5	100.0
	Total	649	100.0	100.0	

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Mediated regression X independent variable: G1	649	.000	19.000	11.39908	2.745265
Mediated regression mediator: G2	649	.000	19.000	11.57011	2.913639
Mediated regression outcome: G3	649	.000	19.000	11.90601	3.230656
First period grade	649	.000	19.000	11.39908	2.745265
Second period grade	649	.000	19.000	11.57011	2.913639
Final grade	649	.000	19.000	11.90601	3.230656
Weekly study time group	649	1	4	1.93	.830
Number of past class failures	649	0	3	.22	.593
age	649	15.000	22.000	16.74422	1.218138
Medu	649	0	4	2.51	1.135
Fedu	649	0	4	2.31	1.100
traveltime	649	1	4	1.57	.749
health	649	1	5	3.54	1.446
School absences	649	.000	32.000	3.65948	4.640759
Valid N (listwise)	649				

Mediated Regression Correlation Matrix

```
>Warning # 2004. Command name: SUBTITLE  
>The subtitle given exceeds 60 characters in length. The first 60 characters  
>will be used.
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Mediated Regression Correlation Matrix
Zero-order association among X, mediator, outcome, and numer

Correlations

Warnings

There is an invalid keyword on the PRINT subcommand. Text
found: FULL

Execution of this command stops.

Path A Mediator Model

Path A Mediator Model
Mediator G2 regressed on X G1 and covariates

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Internet access dummy: yes, age, Weekly study time group, Address dummy: 1 = urban, 0 = rural, School absences, Sex dummy: 1 = male, 0 = female, Higher education intention dummy: yes, Number of past class failures, School dummy: 1 = MS, 0 = GP, Mediated regression X independent variable: G1 ^b	.	Enter

a. Dependent Variable: Mediated regression mediator: G2

b. All requested variables entered.

Path A Mediator Model
Mediator G2 regressed on X G1 and covariates

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.870 ^a	.757	.754	1.446249

a. Predictors: (Constant), Internet access dummy: yes, age, Weekly study time group, Address dummy: 1 = urban, 0 = rural, School absences, Sex dummy: 1 = male, 0 = female, Higher education intention dummy: yes, Number of past class failures, School dummy: 1 = MS, 0 = GP, Mediated regression X independent variable: G1

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4166.596	10	416.660	199.203	.000 ^b
	Residual	1334.464	638	2.092		
	Total	5501.060	648			

a. Dependent Variable: Mediated regression mediator: G2

b. Predictors: (Constant), Internet access dummy: yes, age, Weekly study time group, Address dummy: 1 = urban, 0 = rural, School absences, Sex dummy: 1 = male, 0 = female, Higher education intention dummy: yes, Number of past class failures, School dummy: 1 = MS, 0 = GP, Mediated regression X independent variable: G1

Path A Mediator Model
Mediator G2 regressed on X G1 and covariates

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-1.588	.938		-1.693	.091
	Mediated regression X independent variable: G1	.877	.025	.826	35.474	.000
	Weekly study time group	.008	.073	.002	.115	.908
	Number of past class failures	-.370	.110	-.075	-3.368	.001
	age	.171	.051	.071	3.362	.001
	School absences	-.003	.013	-.004	-.198	.843
	School dummy: 1 = MS, 0 = GP	-.085	.138	-.014	-.615	.539
	Sex dummy: 1 = male, 0 = female	-.055	.120	-.009	-.462	.644
	Address dummy: 1 = urban, 0 = rural	.074	.133	.012	.556	.579
	Higher education intention dummy: yes	.319	.206	.034	1.550	.122
	Internet access dummy: yes	.119	.140	.017	.845	.398

Path A Mediator Model
Mediator G2 regressed on X G1 and covariates

Coefficients^a

Model		95.0% Confidence Interval for B	
		Lower Bound	Upper Bound
1	(Constant)	-3.429	.254
	Mediated regression X independent variable: G1	.828	.925
	Weekly study time group	-.136	.153
	Number of past class failures	-.585	-.154
	age	.071	.271
	School absences	-.028	.023
	School dummy: 1 = MS, 0 = GP	-.356	.186
	Sex dummy: 1 = male, 0 = female	-.291	.180
	Address dummy: 1 = urban, 0 = rural	-.187	.335
	Higher education intention dummy: yes	-.085	.722
	Internet access dummy: yes	-.157	.394

a. Dependent Variable: Mediated regression mediator: G2

Path A Mediator Model
Mediator G2 regressed on X G1 and covariates

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	(Constant)	Variance Proportions	
					Mediated regression X independent variable: G1	Weekly study time group
1	1	7.558	1.000	.00	.00	.00
	2	.967	2.796	.00	.00	.00
	3	.784	3.105	.00	.00	.00
	4	.586	3.592	.00	.00	.00
	5	.495	3.907	.00	.00	.01
	6	.224	5.804	.00	.00	.04
	7	.194	6.244	.00	.00	.10
	8	.104	8.508	.00	.02	.71
	9	.060	11.260	.01	.14	.12
	10	.026	17.144	.03	.80	.01
	11	.002	60.150	.97	.03	.00

Collinearity Diagnostics^a

Model	Dimension	Number of past class failures	age	School absences	Variance Proportions	
					School dummy: 1 = MS, 0 = GP	Sex dummy: 1 = male, 0 = female
1	1	.00	.00	.00	.00	.00
	2	.54	.00	.01	.06	.00
	3	.04	.00	.18	.36	.03
	4	.00	.00	.21	.01	.71
	5	.20	.00	.49	.15	.13
	6	.01	.00	.00	.12	.00
	7	.00	.00	.01	.04	.02
	8	.01	.00	.01	.03	.04
	9	.03	.01	.03	.05	.02
	10	.15	.04	.07	.17	.03
	11	.02	.94	.00	.00	.01

Path A Mediator Model
Mediator G2 regressed on X G1 and covariates

Collinearity Diagnostics^a

Model	Dimension	Variance Proportions		
		Address dummy: 1 = urban, 0 = rural	Higher education intention dummy: yes	Internet access dummy: yes
1	1	.00	.00	.00
	2	.01	.00	.00
	3	.01	.00	.00
	4	.00	.00	.00
	5	.04	.00	.00
	6	.88	.01	.07
	7	.00	.02	.84
	8	.02	.28	.03
	9	.03	.63	.04
	10	.01	.00	.01
	11	.00	.06	.00

a. Dependent Variable: Mediated regression mediator: G2

Total Effect Model

Total Effect Model
Outcome G3 regressed on X G1 and covariates

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Internet access dummy: yes, age, Weekly study time group, Address dummy: 1 = urban, 0 = rural, School absences, Sex dummy: 1 = male, 0 = female, Higher education intention dummy: yes, Number of past class failures, School dummy: 1 = MS, 0 = GP, Mediated regression X independent variable: G1 ^b	.	Enter

a. Dependent Variable: Mediated regression outcome: G3

b. All requested variables entered.

Total Effect Model
Outcome G3 regressed on X G1 and covariates

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.837 ^a	.701	.696	1.781348

a. Predictors: (Constant), Internet access dummy: yes, age, Weekly study time group, Address dummy: 1 = urban, 0 = rural, School absences, Sex dummy: 1 = male, 0 = female, Higher education intention dummy: yes, Number of past class failures, School dummy: 1 = MS, 0 = GP, Mediated regression X independent variable: G1

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4738.764	10	473.876	149.337	.000 ^b
	Residual	2024.503	638	3.173		
	Total	6763.267	648			

a. Dependent Variable: Mediated regression outcome: G3

b. Predictors: (Constant), Internet access dummy: yes, age, Weekly study time group, Address dummy: 1 = urban, 0 = rural, School absences, Sex dummy: 1 = male, 0 = female, Higher education intention dummy: yes, Number of past class failures, School dummy: 1 = MS, 0 = GP, Mediated regression X independent variable: G1

Total Effect Model
Outcome G3 regressed on X G1 and covariates

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-1.865	1.155		-1.615	.107
	Mediated regression X independent variable: G1	.899	.030	.764	29.542	.000
	Weekly study time group	.063	.091	.016	.701	.484
	Number of past class failures	-.537	.135	-.099	-3.974	.000
	age	.181	.063	.068	2.884	.004
	School absences	.016	.016	.023	.997	.319
	School dummy: 1 = MS, 0 = GP	-.233	.170	-.034	-1.368	.172
	Sex dummy: 1 = male, 0 = female	-.253	.148	-.038	-1.711	.087
	Address dummy: 1 = urban, 0 = rural	.159	.164	.023	.972	.331
	Higher education intention dummy: yes	.450	.253	.043	1.776	.076
	Internet access dummy: yes	.137	.173	.018	.791	.429

Total Effect Model
Outcome G3 regressed on X G1 and covariates

Coefficients^a

Model		95.0% Confidence Interval for B	
		Lower Bound	Upper Bound
1	(Constant)	-4.133	.403
	Mediated regression X independent variable: G1	.840	.959
	Weekly study time group	-.114	.241
	Number of past class failures	-.803	-.272
	age	.058	.304
	School absences	-.015	.047
	School dummy: 1 = MS, 0 = GP	-.567	.101
	Sex dummy: 1 = male, 0 = female	-.542	.037
	Address dummy: 1 = urban, 0 = rural	-.162	.481
	Higher education intention dummy: yes	-.048	.947
	Internet access dummy: yes	-.203	.476

a. Dependent Variable: Mediated regression outcome: G3

Total Effect Model
Outcome G3 regressed on X G1 and covariates

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	(Constant)	Variance Proportions	
					Mediated regression X independent variable: G1	Weekly study time group
1	1	7.558	1.000	.00	.00	.00
	2	.967	2.796	.00	.00	.00
	3	.784	3.105	.00	.00	.00
	4	.586	3.592	.00	.00	.00
	5	.495	3.907	.00	.00	.01
	6	.224	5.804	.00	.00	.04
	7	.194	6.244	.00	.00	.10
	8	.104	8.508	.00	.02	.71
	9	.060	11.260	.01	.14	.12
	10	.026	17.144	.03	.80	.01
	11	.002	60.150	.97	.03	.00

Collinearity Diagnostics^a

Model	Dimension	Number of past class failures	age	School absences	Variance Proportions	
					School dummy: 1 = MS, 0 = GP	Sex dummy: 1 = male, 0 = female
1	1	.00	.00	.00	.00	.00
	2	.54	.00	.01	.06	.00
	3	.04	.00	.18	.36	.03
	4	.00	.00	.21	.01	.71
	5	.20	.00	.49	.15	.13
	6	.01	.00	.00	.12	.00
	7	.00	.00	.01	.04	.02
	8	.01	.00	.01	.03	.04
	9	.03	.01	.03	.05	.02
	10	.15	.04	.07	.17	.03
	11	.02	.94	.00	.00	.01

Total Effect Model
Outcome G3 regressed on X G1 and covariates

Collinearity Diagnostics^a

Model	Dimension	Variance Proportions		
		Address dummy: 1 = urban, 0 = rural	Higher education intention dummy: yes	Internet access dummy: yes
1	1	.00	.00	.00
	2	.01	.00	.00
	3	.01	.00	.00
	4	.00	.00	.00
	5	.04	.00	.00
	6	.88	.01	.07
	7	.00	.02	.84
	8	.02	.28	.03
	9	.03	.63	.04
	10	.01	.00	.01
	11	.00	.06	.00

a. Dependent Variable: Mediated regression outcome: G3

Direct And Mediator Outcome Model

Direct And Mediator Outcome Model
Outcome G3 regressed on X G1, mediator G2, and covariates

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Internet access dummy: yes, age, Weekly study time group, Address dummy: 1 = urban, 0 = rural, School absences, Sex dummy: 1 = male, 0 = female, Mediated regression mediator: G2, Higher education intention dummy: yes, School dummy: 1 = MS, 0 = GP, Number of past class failures, Mediated regression X independent variable: G1 ^b	.	Enter

a. Dependent Variable: Mediated regression outcome: G3

b. All requested variables entered.

Direct And Mediator Outcome Model
Outcome G3 regressed on X G1, mediator G2, and covariates

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.923 ^a	.852	.850	1.251626

a. Predictors: (Constant), Internet access dummy: yes, age, Weekly study time group, Address dummy: 1 = urban, 0 = rural, School absences, Sex dummy: 1 = male, 0 = female, Mediated regression mediator: G2, Higher education intention dummy: yes, School dummy: 1 = MS, 0 = GP, Number of past class failures, Mediated regression X independent variable: G1

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5765.363	11	524.124	334.569	.000 ^b
	Residual	997.903	637	1.567		
	Total	6763.267	648			

a. Dependent Variable: Mediated regression outcome: G3

b. Predictors: (Constant), Internet access dummy: yes, age, Weekly study time group, Address dummy: 1 = urban, 0 = rural, School absences, Sex dummy: 1 = male, 0 = female, Mediated regression mediator: G2, Higher education intention dummy: yes, School dummy: 1 = MS, 0 = GP, Number of past class failures, Mediated regression X independent variable: G1

Direct And Mediator Outcome Model
Outcome G3 regressed on X G1, mediator G2, and covariates

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.472	.813		-.581	.562
	Mediated regression X independent variable: G1	.130	.037	.111	3.534	.000
	Mediated regression mediator: G2	.877	.034	.791	25.599	.000
	Weekly study time group	.056	.064	.014	.881	.379
	Number of past class failures	-.213	.096	-.039	-2.223	.027
	age	.031	.044	.012	.690	.490
	School absences	.018	.011	.026	1.619	.106
	School dummy: 1 = MS, 0 = GP	-.158	.120	-.023	-1.323	.186
	Sex dummy: 1 = male, 0 = female	-.204	.104	-.031	-1.967	.050
	Address dummy: 1 = urban, 0 = rural	.094	.115	.013	.820	.412
	Higher education intention dummy: yes	.170	.178	.016	.955	.340
	Internet access dummy: yes	.033	.121	.004	.269	.788

Direct And Mediator Outcome Model
Outcome G3 regressed on X G1, mediator G2, and covariates

Coefficients^a

Model		95.0% Confidence Interval for B	
		Lower Bound	Upper Bound
1	(Constant)	-2.070	1.125
	Mediated regression X independent variable: G1	.058	.203
	Mediated regression mediator: G2	.810	.944
	Weekly study time group	-.069	.181
	Number of past class failures	-.401	-.025
	age	-.057	.118
	School absences	-.004	.040
	School dummy: 1 = MS, 0 = GP	-.393	.077
	Sex dummy: 1 = male, 0 = female	-.408	.000
	Address dummy: 1 = urban, 0 = rural	-.132	.320
	Higher education intention dummy: yes	-.180	.520
	Internet access dummy: yes	-.206	.271

a. Dependent Variable: Mediated regression outcome: G3

Direct And Mediator Outcome Model
Outcome G3 regressed on X G1, mediator G2, and covariates

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	(Constant)	Variance Proportions	
					Mediated regression X independent variable: G1	Mediated regression mediator: G2
1	1	8.496	1.000	.00	.00	.00
	2	.985	2.937	.00	.00	.00
	3	.786	3.288	.00	.00	.00
	4	.586	3.807	.00	.00	.00
	5	.499	4.126	.00	.00	.00
	6	.227	6.112	.00	.00	.00
	7	.197	6.574	.00	.00	.00
	8	.110	8.788	.00	.01	.01
	9	.072	10.887	.00	.02	.03
	10	.032	16.184	.03	.04	.06
	11	.008	33.179	.00	.88	.87
	12	.002	64.297	.96	.05	.02

Collinearity Diagnostics^a

Model	Dimension	Variance Proportions				
		Weekly study time group	Number of past class failures	age	School absences	School dummy: 1 = MS, 0 = GP
1	1	.00	.00	.00	.00	.00
	2	.00	.52	.00	.01	.05
	3	.00	.03	.00	.19	.36
	4	.00	.00	.00	.20	.00
	5	.01	.21	.00	.49	.16
	6	.04	.01	.00	.00	.13
	7	.06	.00	.00	.01	.03
	8	.82	.01	.00	.01	.02
	9	.03	.01	.00	.01	.00
	10	.04	.18	.05	.09	.22
	11	.00	.00	.00	.00	.00
	12	.00	.03	.94	.00	.00

Direct And Mediator Outcome Model
Outcome G3 regressed on X G1, mediator G2, and covariates

Collinearity Diagnostics^a

Model	Dimension	Variance Proportions			
		Sex dummy: 1 = male, 0 = female	Address dummy: 1 = urban, 0 = rural	Higher education intention dummy: yes	Internet access dummy: yes
1	1	.00	.00	.00	.00
	2	.01	.00	.00	.00
	3	.03	.01	.00	.00
	4	.72	.00	.00	.00
	5	.12	.03	.00	.00
	6	.00	.90	.01	.03
	7	.02	.00	.01	.90
	8	.04	.02	.12	.03
	9	.00	.01	.77	.01
	10	.05	.02	.02	.02
	11	.00	.00	.00	.00
	12	.01	.00	.06	.00

a. Dependent Variable: Mediated regression outcome: G3

Mediated Regression Diagnostics

>Warning # 2004. Command name: SUBTITLE

>The subtitle given exceeds 60 characters in length. The first 60 characters
>will be used.

Mediated Regression Diagnostics
Distribution and normal probability plots for X, mediator, a

Explore

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Mediated regression X independent variable: G1	649	100.0%	0	0.0%	649	100.0%
Mediated regression mediator: G2	649	100.0%	0	0.0%	649	100.0%
Mediated regression outcome: G3	649	100.0%	0	0.0%	649	100.0%

Descriptives

			Statistic	Std. Error
Mediated regression X independent variable: G1	Mean		11.39908	.107761
	95% Confidence Interval for Mean	Lower Bound	11.18747	
		Upper Bound	11.61068	
	5% Trimmed Mean		11.38615	
	Median		11.00000	
	Variance		7.536	
	Std. Deviation		2.745265	
	Minimum		.000	
	Maximum		19.000	
	Range		19.000	
	Interquartile Range		3.000	
	Skewness		-.003	.096
	Kurtosis		.037	.192
Mediated regression mediator: G2	Mean		11.57011	.114370
	95% Confidence Interval for Mean	Lower Bound	11.34553	
		Upper Bound	11.79469	
	5% Trimmed Mean		11.60110	
	Median		11.00000	
	Variance		8.489	
	Std. Deviation		2.913639	
	Minimum		.000	

Mediated Regression Diagnostics
Distribution and normal probability plots for X, mediator, a

Descriptives

		Statistic	Std. Error
	Maximum	19.000	
	Range	19.000	
	Interquartile Range	3.000	
	Skewness	-.360	.096
	Kurtosis	1.662	.192
Mediated regression outcome: G3	Mean	11.90601	.126814
	95% Confidence Interval for Mean	Lower Bound	11.65699
		Upper Bound	12.15503
	5% Trimmed Mean	12.05744	
	Median	12.00000	
	Variance	10.437	
	Std. Deviation	3.230656	
	Minimum	.000	
	Maximum	19.000	
	Range	19.000	
	Interquartile Range	4.000	
	Skewness	-.913	.096
	Kurtosis	2.712	.192

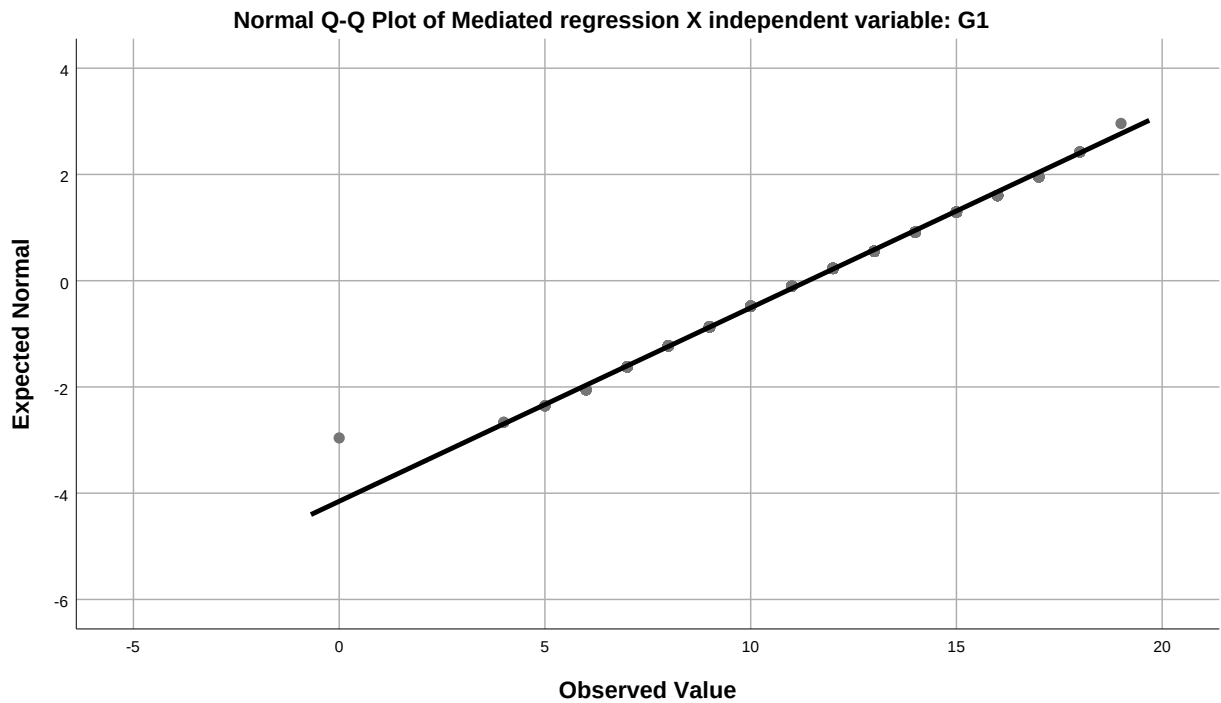
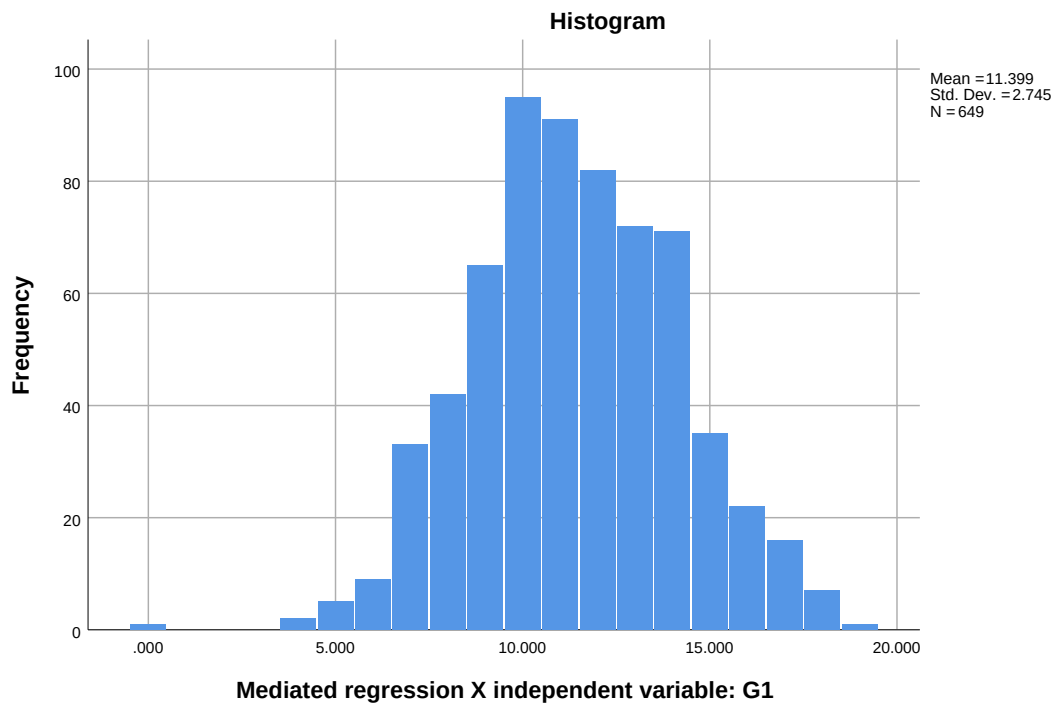
Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Mediated regression X independent variable: G1	.086	649	.000	.986	649	.000
Mediated regression mediator: G2	.088	649	.000	.962	649	.000
Mediated regression outcome: G3	.124	649	.000	.926	649	.000

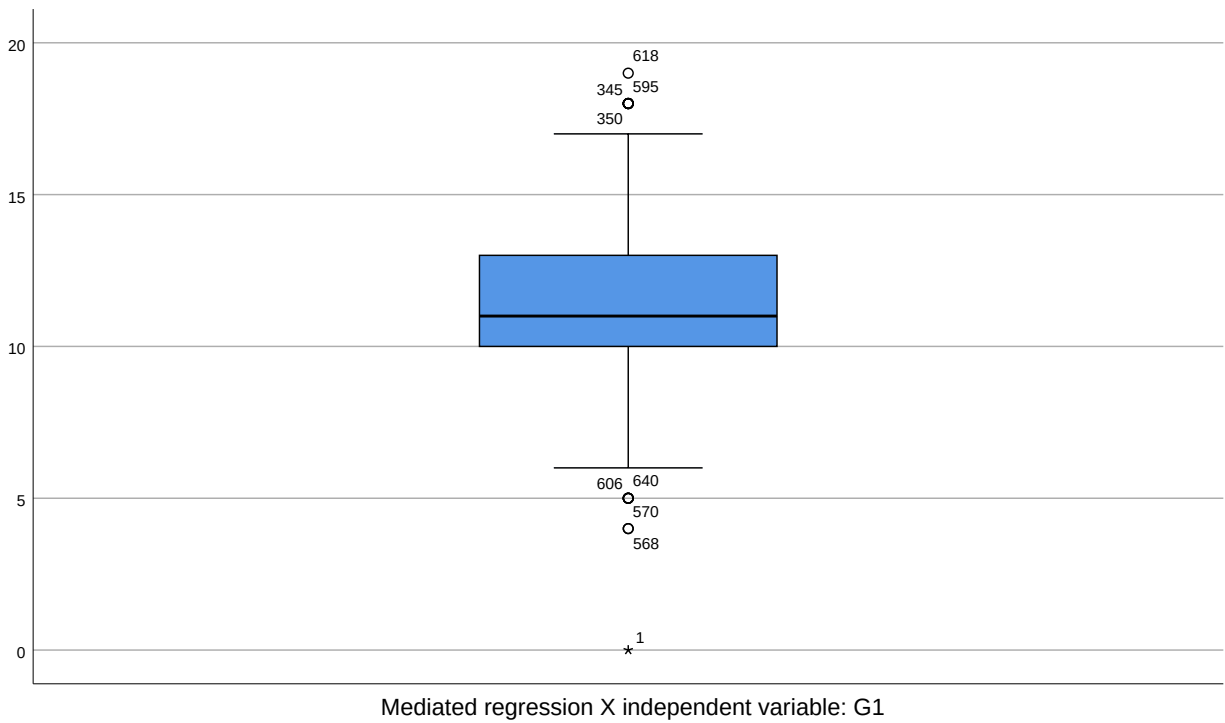
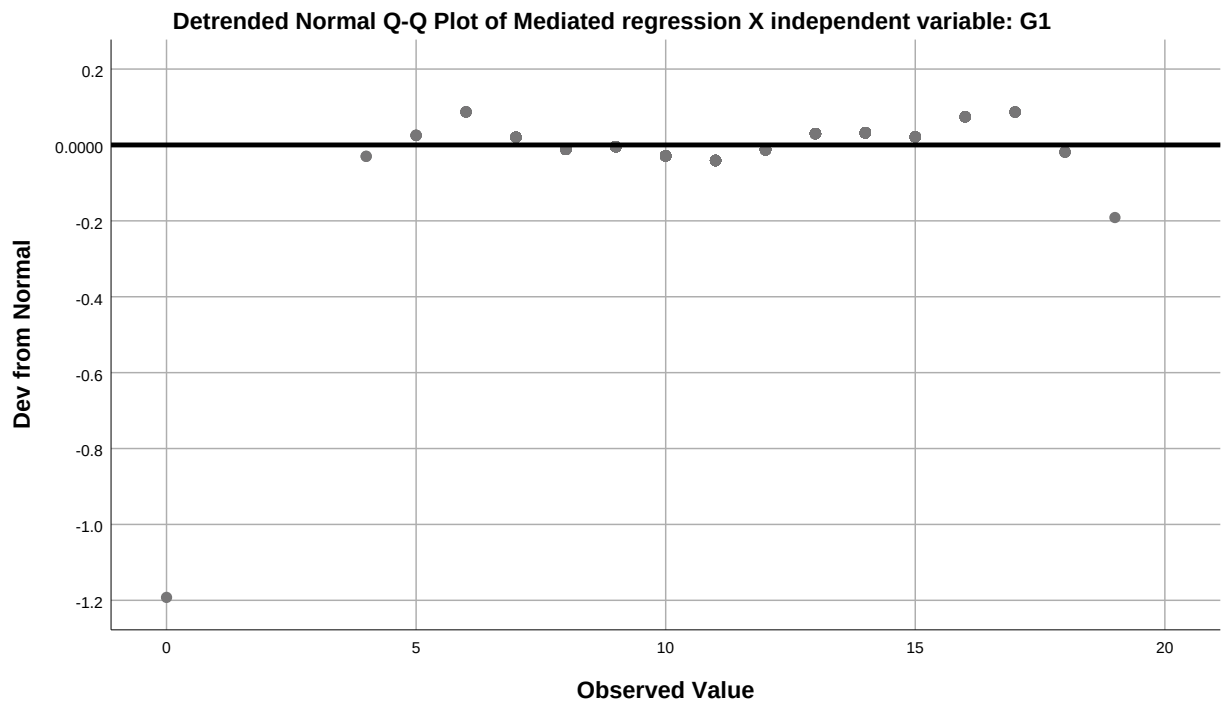
a. Lilliefors Significance Correction

Mediated regression X independent variable: G1

Mediated Regression Diagnostics
Distribution and normal probability plots for X, mediator, a

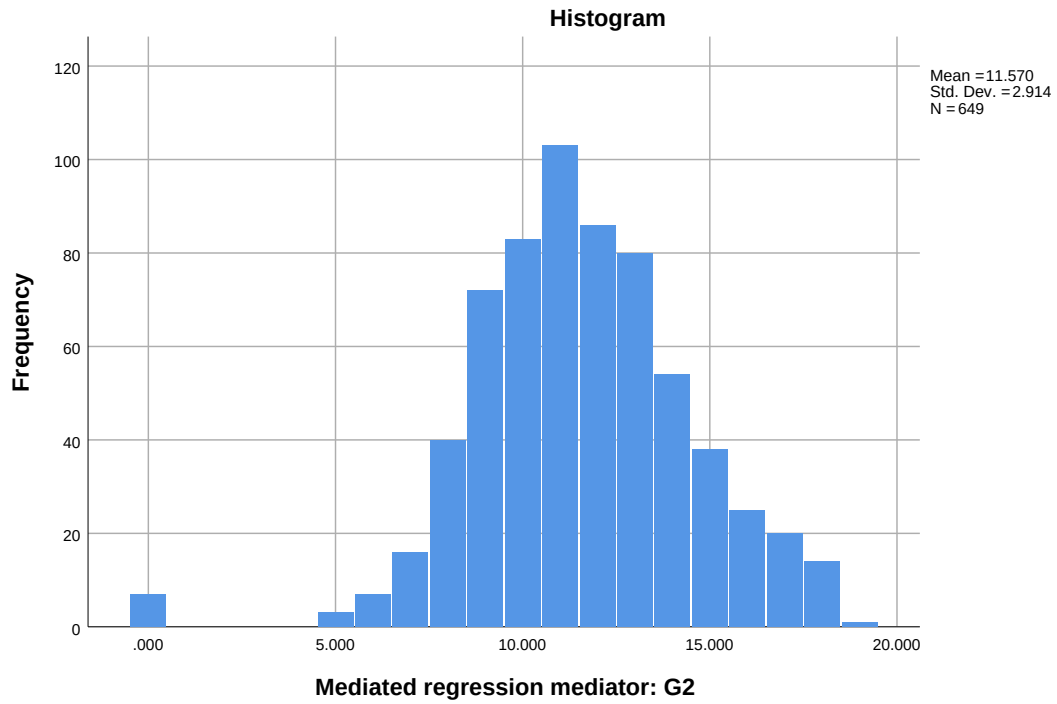


Mediated Regression Diagnostics
Distribution and normal probability plots for X, mediator, a

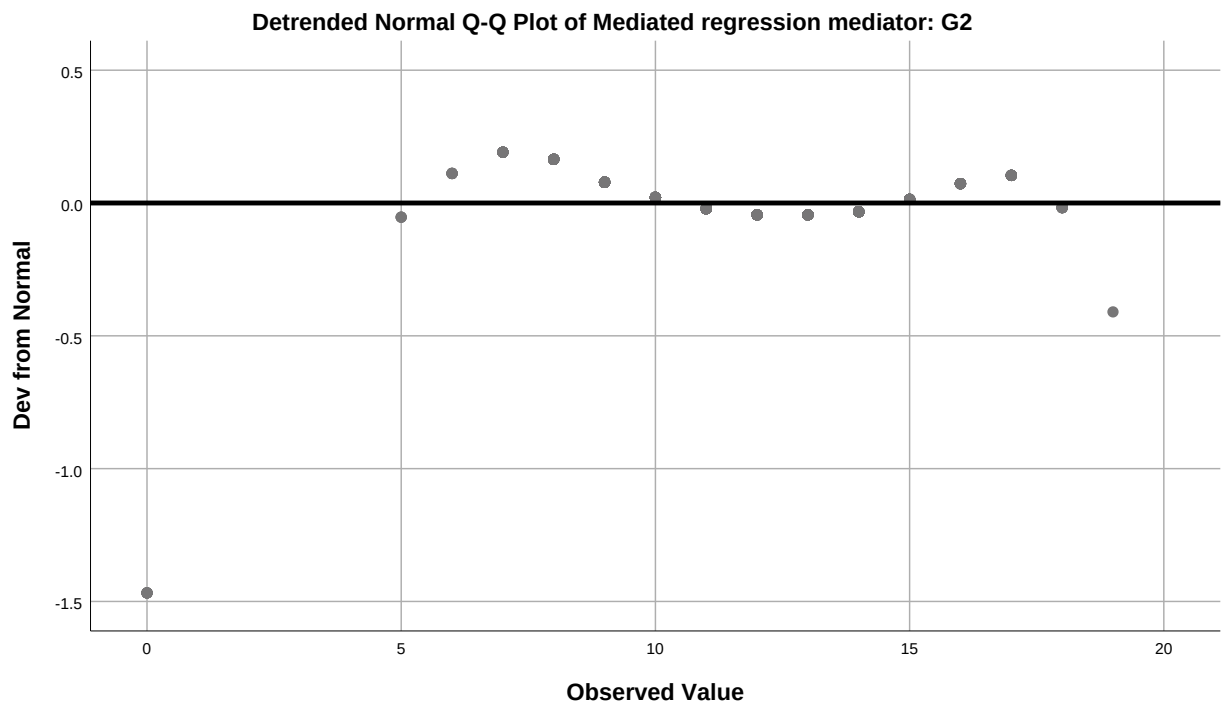
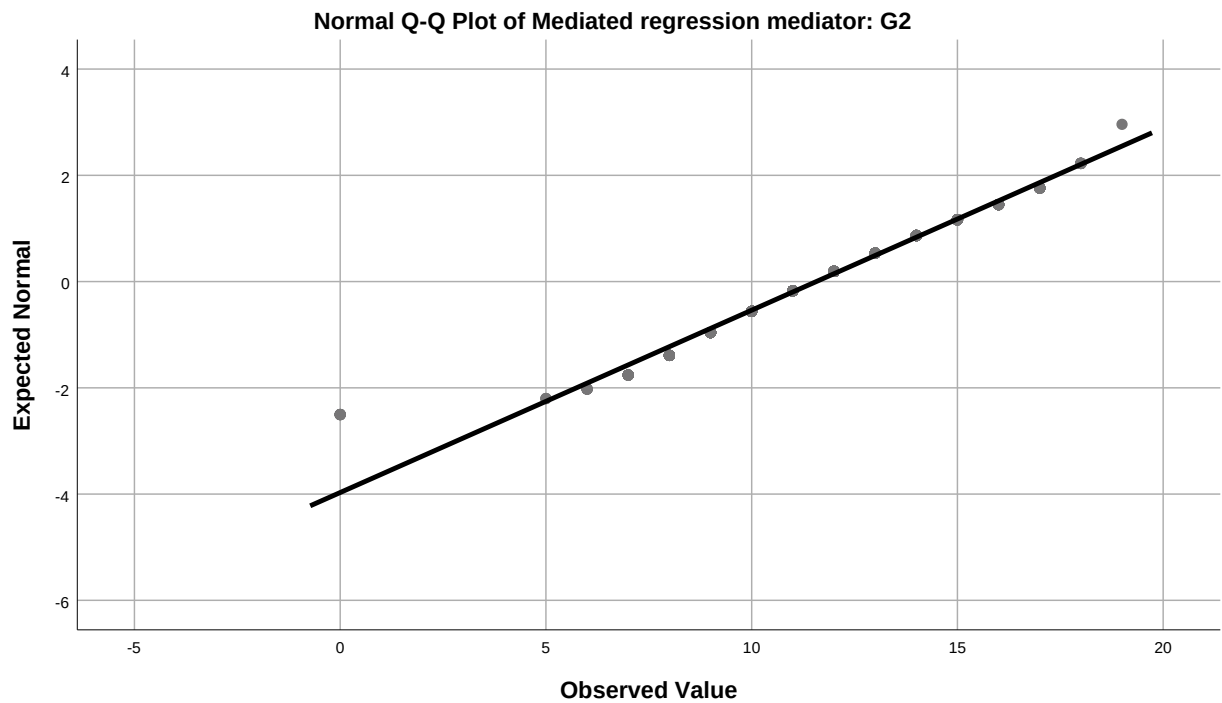


Mediated Regression Diagnostics
Distribution and normal probability plots for X, mediator, a

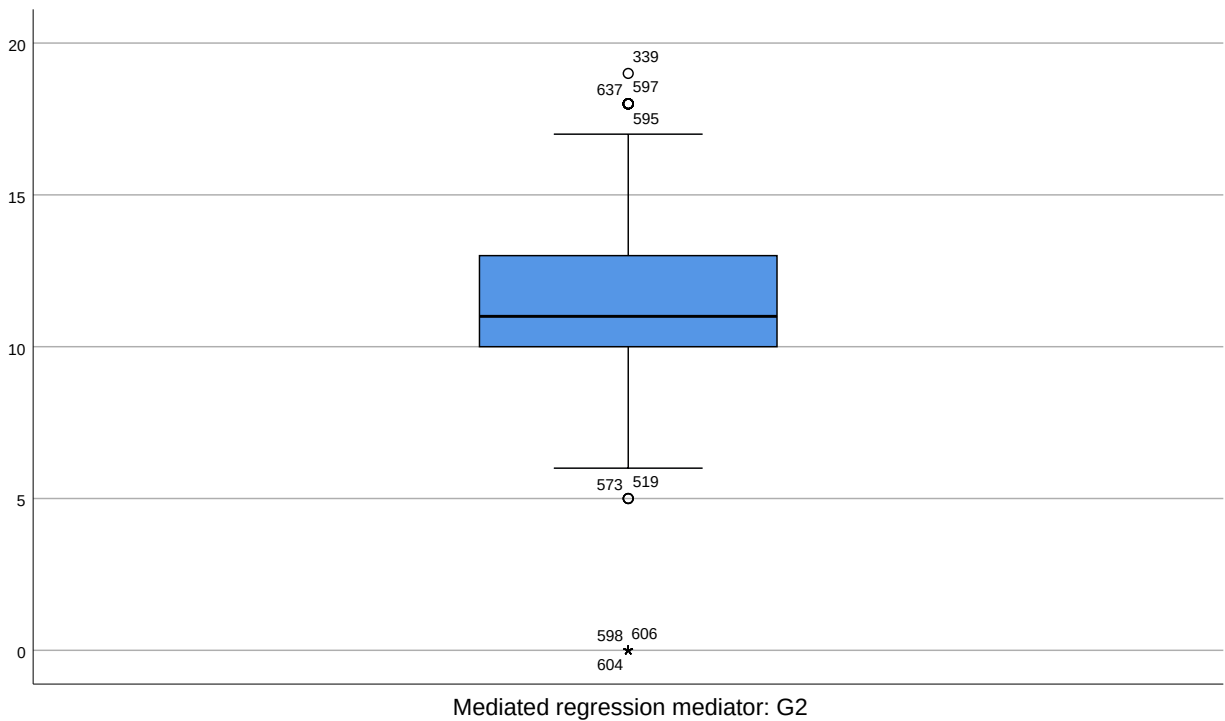
Mediated regression mediator: G2



Mediated Regression Diagnostics
Distribution and normal probability plots for X, mediator, a

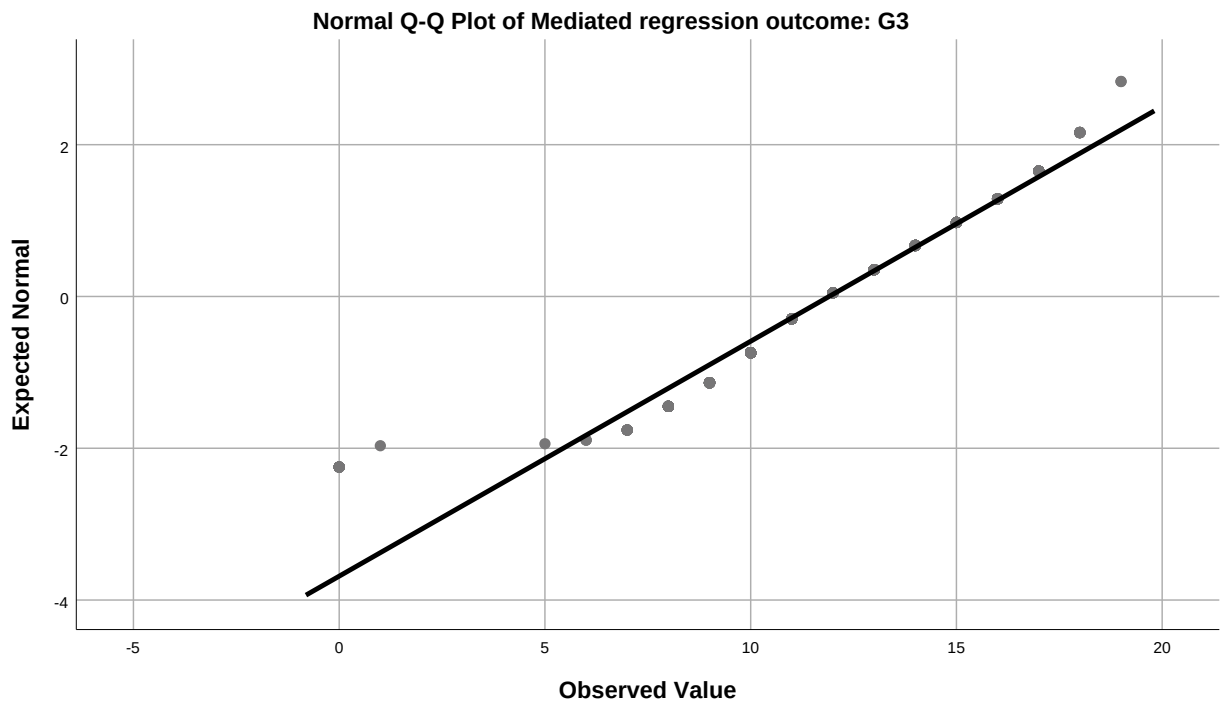
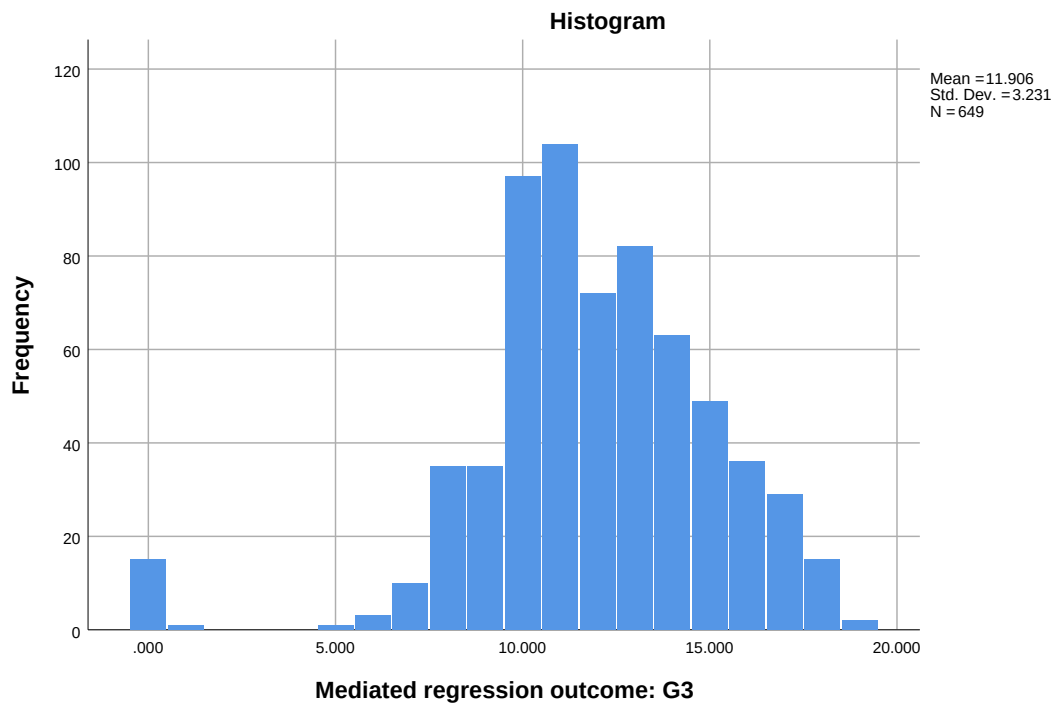


Mediated Regression Diagnostics
Distribution and normal probability plots for X, mediator, a



Mediated regression outcome: G3

Mediated Regression Diagnostics
Distribution and normal probability plots for X, mediator, a



Mediated Regression Diagnostics
Distribution and normal probability plots for X, mediator, a

