

Host

Notes

Output Created		23-JUN-2026 19:20:44
Comments		
Input	Data	D:\DATA ANALYSIS\VRare and Specialized Statistical Tests\Tarone Ware Test\SPSS_Output\sav\Tarone-Ware-Test-data.sav
	Active Dataset	TaroneWareData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax	HOST COMMAND=['cmd /c if not exist "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output" mkdir "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output" '].	
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.10

Host

Notes

Output Created		23-JUN-2026 19:20:44
Comments		
Input	Data	D:\DATA ANALYSIS\W Rare and Specialized Statistical Tests\Tarone Ware Test\SPSS_Output\sav\Ta rone-Ware-Test-data.sav
	Active Dataset	TaroneWareData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['cmd /c if not exist "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ sav" mkdir "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ sav"'].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.04

Host

Notes

Output Created		23-JUN-2026 19:20:44
Comments		
Input	Data	D:\DATA ANALYSIS\W Rare and Specialized Statistical Tests\Tarone Ware Test\SPSS_Output\sav\Ta rone-Ware-Test-data.sav
	Active Dataset	TaroneWareData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['cmd /c if not exist "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ spv" mkdir "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ spv"'].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.04

Host

Notes

Output Created		23-JUN-2026 19:20:44
Comments		
Input	Data	D:\DATA ANALYSIS\W Rare and Specialized Statistical Tests\Tarone Ware Test\SPSS_Output\sav\Ta rone-Ware-Test-data.sav
	Active Dataset	TaroneWareData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['cmd /c if not exist "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ pdf" mkdir "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ pdf"'].
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.04

Host

Notes

Output Created		23-JUN-2026 19:20:45
Comments		
Input	Data	D:\DATA ANALYSIS\W Rare and Specialized Statistical Tests\Tarone Ware Test\SPSS_Output\sav\Ta rone-Ware-Test-data.sav
	Active Dataset	TaroneWareData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['cmd /c if not exist "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ png" mkdir "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ png"'].
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.04

Host

Notes

Output Created		23-JUN-2026 19:20:45
Comments		
Input	Data	D:\DATA ANALYSIS\W Rare and Specialized Statistical Tests\Tarone Ware Test\SPSS_Output\sav\Ta rone-Ware-Test-data.sav
	Active Dataset	TaroneWareData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['cmd /c if not exist "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ csv" mkdir "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ csv"'].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.04

Host

Notes

Output Created		23-JUN-2026 19:20:45
Comments		
Input	Data	D:\DATA ANALYSIS\W Rare and Specialized Statistical Tests\Tarone Ware Test\SPSS_Output\sav\Ta rone-Ware-Test-data.sav
	Active Dataset	TaroneWareData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['cmd /c if not exist "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ txt" mkdir "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ txt"'].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.04

Host

Notes

Output Created		23-JUN-2026 19:20:45
Comments		
Input	Data	D:\DATA ANALYSIS\W Rare and Specialized Statistical Tests\Tarone Ware Test\SPSS_Output\sav\Ta rone-Ware-Test-data.sav
	Active Dataset	TaroneWareData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['cmd /c echo SPSS Distance Correlation script started > "D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ txt\SPSS_SCRIPT_STAR TED.txt"].
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.05

Distance Correlation: G1 and G3

File Information

Notes

Output Created		23-JUN-2026 19:20:45
Comments		
Input	Data	D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\sav\distance_correlation_spss_ready_data.sav
	Active Dataset	DistanceCorrelationData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Syntax		DISPLAY DICTIONARY.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

[DistanceCorrelationData] D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\sav\distance_correlation_spss_ready_data.sav

Distance Correlation: G1 and G3

Variable Information

Variable	Position	Label	Measurement Level	Role	Column Width	Alignment
school	1	<none>	Nominal	Input	10	Left
sex	2	<none>	Nominal	Input	10	Left
age	3	<none>	Scale	Input	8	Right
address	4	<none>	Nominal	Input	10	Left
famsize	5	<none>	Nominal	Input	10	Left
Pstatus	6	<none>	Nominal	Input	10	Left
Medu	7	<none>	Nominal	Input	8	Right
Fedu	8	<none>	Nominal	Input	8	Right
Mjob	9	<none>	Nominal	Input	20	Left
Fjob	10	<none>	Nominal	Input	20	Left
reason	11	<none>	Nominal	Input	20	Left
guardian	12	<none>	Nominal	Input	20	Left
travelttime	13	<none>	Nominal	Input	8	Right
studytime	14	<none>	Nominal	Input	8	Right
failures	15	<none>	Nominal	Input	8	Right
schoolsup	16	<none>	Nominal	Input	10	Left
famsup	17	<none>	Nominal	Input	10	Left
paid	18	<none>	Nominal	Input	10	Left
activities	19	<none>	Nominal	Input	10	Left
nursery	20	<none>	Nominal	Input	10	Left
higher	21	<none>	Nominal	Input	10	Left
internet	22	<none>	Nominal	Input	10	Left
romantic	23	<none>	Nominal	Input	10	Left
famrel	24	<none>	Nominal	Input	8	Right
freetime	25	<none>	Nominal	Input	8	Right
goout	26	<none>	Nominal	Input	8	Right
Dalc	27	<none>	Nominal	Input	8	Right
Walc	28	<none>	Nominal	Input	8	Right
health	29	<none>	Nominal	Input	8	Right
absences	30	<none>	Scale	Input	8	Right
G1	31	First period grade	Nominal	Input	8	Right

Distance Correlation: G1 and G3

Variable Information

Variable	Print Format	Write Format
school	A10	A10
sex	A10	A10
age	F8.2	F8.2
address	A10	A10
famsize	A10	A10
Pstatus	A10	A10
Medu	F8.2	F8.2
Fedu	F8.2	F8.2
Mjob	A20	A20
Fjob	A20	A20
reason	A20	A20
guardian	A20	A20
traveltime	F8.2	F8.2
studytime	F8.2	F8.2
failures	F8.2	F8.2
schoolsup	A10	A10
famsup	A10	A10
paid	A10	A10
activities	A10	A10
nursery	A10	A10
higher	A10	A10
internet	A10	A10
romantic	A10	A10
famrel	F8.2	F8.2
freetime	F8.2	F8.2
goout	F8.2	F8.2
Dalc	F8.2	F8.2
Walc	F8.2	F8.2
health	F8.2	F8.2
absences	F8.2	F8.2
G1	F8.2	F8.2

Distance Correlation: G1 and G3

Variable Information

Variable	Position	Label	Measurement Level	Role	Column Width	Alignment
G2	32	<none>	Nominal	Input	8	Right
G3	33	Final grade score	Nominal	Input	8	Right

Variable Information

Variable	Print Format	Write Format
G2	F8.2	F8.2
G3	F8.2	F8.2

Variables in the working file

Descriptives

Notes

Output Created	23-JUN-2026 19:20:45	
Comments		
Input	Data	D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\sav\distance_correlation_spss_ready_data.sav
	Active Dataset	DistanceCorrelationData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.

Distance Correlation: G1 and G3

Notes

Syntax		DESCRIPTIVES VARIABLES=G1 G3 /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
G1	649	.00	19.00	11.3991	2.74527
G3	649	.00	19.00	11.9060	3.23066
Valid N (listwise)	649				

Correlations

Notes

Output Created		23-JUN-2026 19:20:45
Comments		
Input	Data	D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\ sav\distance_correlation_s pss_ready_data.sav
	Active Dataset	DistanceCorrelationData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
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.

Distance Correlation: G1 and G3

Notes

Syntax		CORRELATIONS /VARIABLES=G1 G3 /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

Correlations

		G1	G3
G1	Pearson Correlation	1	.826 **
	Sig. (2-tailed)		.000
	N	649	649
G3	Pearson Correlation	.826 **	1
	Sig. (2-tailed)	.000	
	N	649	649

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

Nonparametric Correlations

Distance Correlation: G1 and G3

Notes

Output Created		23-JUN-2026 19:20:45
Comments		
Input	Data	D:\DATA ANALYSIS\G Correlation Tests\Distance Correlation\SPSS_Output\sav\distance_correlation_spss_ready_data.sav
	Active Dataset	DistanceCorrelationData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
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=G1 G3 /PRINT=SPEARMAN KENDALL TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00
	Number of Cases Allowed	236964176 cases ^a

a. Based on availability of workspace memory

Warnings

There is a conflict in the specification of the PRINT subcommand. Text found: "KENDALL".

Execution of this command stops.

File "<string>", line 13

Distance Correlation: G1 and G3

```
report_lines = ["SPSS Python distance correlation block started.", f"CSV f  
ile expected: {csv_file}"]
```

^

SyntaxError: invalid syntax