

Notes

Output Created		14-APR-2016 11:07:59
Comments		
Input	Data	C:\dks\methodo\PISA\CHE.sav
	Active Dataset	Jeu_de_données1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	11229
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		CORRELATIONS /VARIABLES=ANXMAT_M ANXMAT /PRINT=TWOTAIL NOSIG /STATISTICS DESCRIPTIVES...
Resources	Processor Time	00:00:00,08
	Elapsed Time	00:00:00,08

Frequencies

Notes

Output Created		14-APR-2016 11:09:38
Comments		
Input	Data	C:\dks\methodo\PISA\CHE.sav
	Active Dataset	Jeu_de_données1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	11229
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=ST42Q01 ST42Q03 ST42Q05 ST42Q08 ST42Q10 /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00,06
	Elapsed Time	00:00:00,07

Statistics

		Maths Anxiety - Worry That It Will Be Difficult	Maths Anxiety - Get Very Tense	Maths Anxiety - Get Very Nervous	Maths Anxiety - Feel Helpless	Maths Anxiety - Worry About Getting Poor <Grades>
N	Valid	7375	7345	7370	7351	7356
	Missing	3854	3884	3859	3878	3873

Frequency Table

Maths Anxiety - Worry That It Will Be Difficult

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	1203	10,7	16,3	16,3
	2 Agree	2538	22,6	34,4	50,7
	3 Disagree	2457	21,9	33,3	84,0
	4 Strongly disagree	1177	10,5	16,0	100,0
	Total	7375	65,7	100,0	
Missing	7 N/A	3773	33,6		
	8 Invalid	19	,2		
	9 Missing	62	,6		
	Total	3854	34,3		
Total		11229	100,0		

Maths Anxiety - Get Very Tense

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	539	4,8	7,3	7,3
	2 Agree	1387	12,4	18,9	26,2
	3 Disagree	3065	27,3	41,7	68,0
	4 Strongly disagree	2354	21,0	32,0	100,0
	Total	7345	65,4	100,0	
Missing	7 N/A	3773	33,6		
	8 Invalid	14	,1		
	9 Missing	97	,9		
	Total	3884	34,6		
Total		11229	100,0		

Maths Anxiety - Get Very Nervous

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	383	3,4	5,2	5,2
	2 Agree	1125	10,0	15,3	20,5
	3 Disagree	3279	29,2	44,5	65,0
	4 Strongly disagree	2583	23,0	35,0	100,0
	Total	7370	65,6	100,0	
Missing	7 N/A	3773	33,6		
	8 Invalid	18	,2		
	9 Missing	68	,6		
	Total	3859	34,4		
Total	11229	100,0			

Maths Anxiety - Feel Helpless

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	553	4,9	7,5	7,5
	2 Agree	1478	13,2	20,1	27,6
	3 Disagree	3121	27,8	42,5	70,1
	4 Strongly disagree	2199	19,6	29,9	100,0
	Total	7351	65,5	100,0	
Missing	7 N/A	3773	33,6		
	8 Invalid	35	,3		
	9 Missing	70	,6		
	Total	3878	34,5		
Total	11229	100,0			

Maths Anxiety - Worry About Getting Poor <Grades>

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	1736	15,5	23,6	23,6
	2 Agree	2446	21,8	33,3	56,9
	3 Disagree	1917	17,1	26,1	82,9
	4 Strongly disagree	1257	11,2	17,1	100,0
	Total	7356	65,5	100,0	
Missing	7 N/A	3773	33,6		
	8 Invalid	35	,3		
	9 Missing	65	,6		
	Total	3873	34,5		
Total	11229	100,0			

On calcule un simple indice avec des moyennes

```
COMPUTE ANXMAT_M=MEAN(ST42Q01,ST42Q03,ST42Q05,ST42Q08,ST42Q10) .
EXECUTE.
FREQUENCIES VARIABLES=ANXMAT ANXMAT_M
  /STATISTICS=STDDEV VARIANCE MINIMUM MAXIMUM MEAN MEDIAN
  /HISTOGRAM NORMAL
  /ORDER=ANALYSIS.
```

Frequencies

Notes		
Output Created		14-APR-2016 11:12:39
Comments		
Input	Data	C:\dks\methodo\PISA\CHE.sav
	Active Dataset	Jeu_de_données1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	11229
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=ANXMAT ANXMAT_M /STATISTICS=STDDEV VARIANCE MINIMUM MAXIMUM MEAN MEDIAN /HISTOGRAM NORMAL...
Resources	Processor Time	00:00:01,75
	Elapsed Time	00:00:01,13

Statistics

		Mathematics	
		Anxiety	ANXMAT_M
N	Valid	7386	7402
	Missing	3843	3827
Mean		-,2351	2,7755
Median		-,2000	2,8000
Std. Deviation		1,03453	,71823
Variance		1,070	,516
Minimum		-2,37	1,00
Maximum		2,55	4,00

Frequency Table

Mathematics Anxiety

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-2,37	534	4,8	7,2	7,2
	-2,30	5	,0	,1	7,3
	-2,28	1	,0	,0	7,3
	-2,26	1	,0	,0	7,3
	-2,13	1	,0	,0	7,3
	-1,68	361	3,2	4,9	12,2
	-1,59	5	,0	,1	12,3
	-1,53	2	,0	,0	12,3
	-1,30	402	3,6	5,4	17,8
	-1,18	5	,0	,1	17,8
	-1,16	1	,0	,0	17,8
	-1,03	4	,0	,1	17,9
	-1,00	499	4,4	6,8	24,7
	-,91	1	,0	,0	24,7
	-,90	1	,0	,0	24,7
	-,85	4	,0	,1	24,7
	-,83	1	,0	,0	24,7
	-,81	1	,0	,0	24,8
	-,73	557	5,0	7,5	32,3
	-,70	3	,0	,0	32,3
	-,54	2	,0	,0	32,4
	-,53	12	,1	,2	32,5
	-,52	4	,0	,1	32,6
	-,47	807	7,2	10,9	43,5
	-,43	2	,0	,0	43,5

Mathematics Anxiety

	Frequency	Percent	Valid Percent	Cumulative Percent
-,42	2	,0	,0	43,6
-,36	5	,0	,1	43,6
-,22	11	,1	,1	43,8
-,21	1	,0	,0	43,8
-,20	787	7,0	10,7	54,5
-,13	2	,0	,0	54,5
-,02	5	,0	,1	54,5
,02	4	,0	,1	54,6
,05	3	,0	,0	54,6
,06	816	7,3	11,0	65,7
,10	5	,0	,1	65,8
,11	8	,1	,1	65,9
,14	1	,0	,0	65,9
,15	3	,0	,0	65,9
,18	1	,0	,0	65,9
,27	1	,0	,0	65,9
,31	3	,0	,0	66,0
,32	647	5,8	8,8	74,7
,36	2	,0	,0	74,8
,41	9	,1	,1	74,9
,42	5	,0	,1	75,0
,43	5	,0	,1	75,0
,52	1	,0	,0	75,0
,55	1	,0	,0	75,1
,56	532	4,7	7,2	82,3
,60	1	,0	,0	82,3
,65	2	,0	,0	82,3
,70	5	,0	,1	82,4
,71	3	,0	,0	82,4
,73	2	,0	,0	82,4
,74	1	,0	,0	82,5
,79	422	3,8	5,7	88,2
,86	1	,0	,0	88,2
,87	3	,0	,0	88,2
,92	3	,0	,0	88,3
1,00	2	,0	,0	88,3
1,02	302	2,7	4,1	92,4
1,18	1	,0	,0	92,4
1,26	221	2,0	3,0	95,4

Mathematics Anxiety

		Frequency	Percent	Valid Percent	Cumulative Percent
	1,31	3	,0	,0	95,4
	1,39	1	,0	,0	95,4
	1,53	137	1,2	1,9	97,3
	1,68	1	,0	,0	97,3
	1,73	2	,0	,0	97,3
	1,85	1	,0	,0	97,3
	1,89	94	,8	1,3	98,6
	2,39	1	,0	,0	98,6
	2,55	101	,9	1,4	100,0
	Total	7386	65,8	100,0	
Missing	9999,00 Missing	3843	34,2		
Total		11229	100,0		

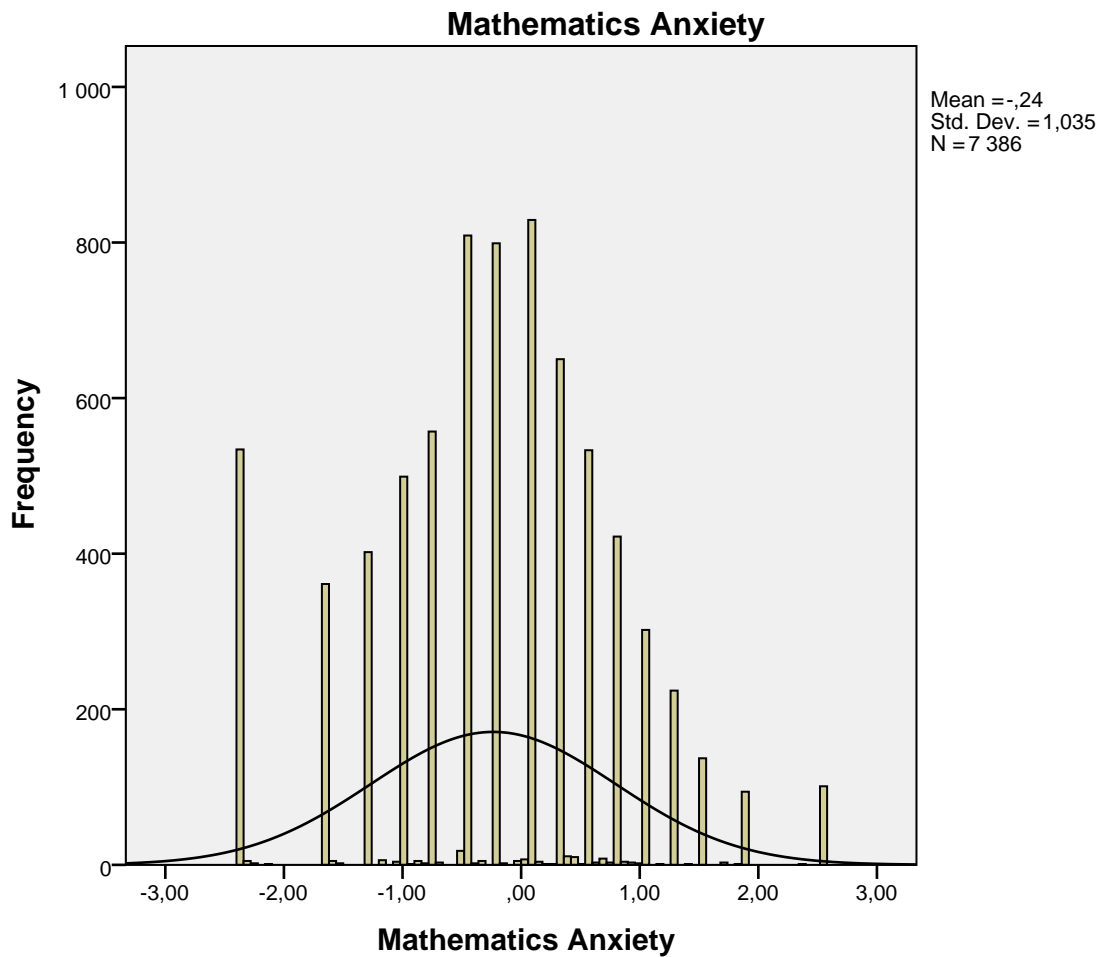
ANXMAT_M

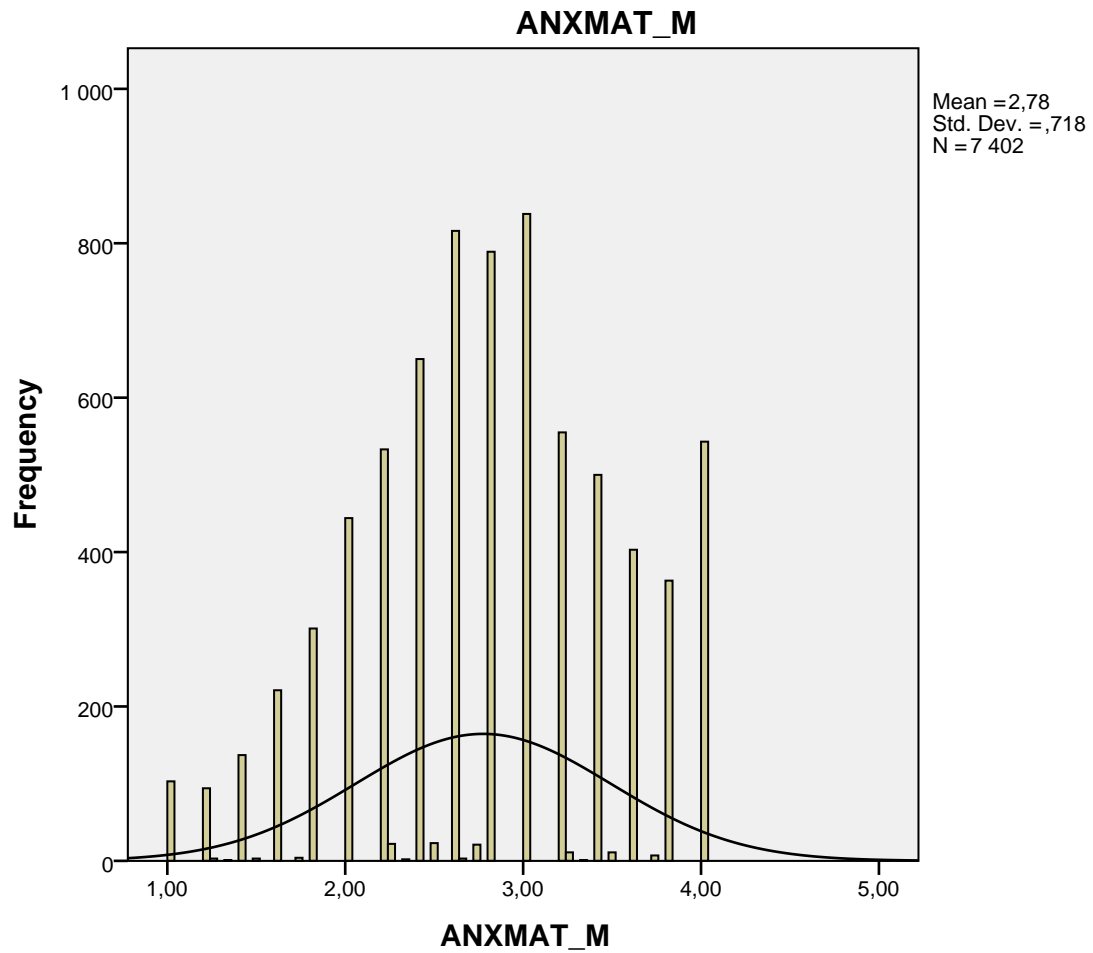
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1,00	103	,9	1,4	1,4
	1,20	94	,8	1,3	2,7
	1,25	3	,0	,0	2,7
	1,33	1	,0	,0	2,7
	1,40	137	1,2	1,9	4,6
	1,50	3	,0	,0	4,6
	1,60	221	2,0	3,0	7,6
	1,75	4	,0	,1	7,6
	1,80	301	2,7	4,1	11,7
	2,00	444	4,0	6,0	17,7
	2,20	533	4,7	7,2	24,9
	2,25	22	,2	,3	25,2
	2,33	2	,0	,0	25,2
	2,40	650	5,8	8,8	34,0
	2,50	23	,2	,3	34,3
	2,60	816	7,3	11,0	45,4
	2,67	3	,0	,0	45,4
	2,75	21	,2	,3	45,7
	2,80	789	7,0	10,7	56,3
	3,00	838	7,5	11,3	67,7
	3,20	555	4,9	7,5	75,2
	3,25	11	,1	,1	75,3
	3,33	1	,0	,0	75,3

ANXMAT_M

	Frequency	Percent	Valid Percent	Cumulative Percent
3,40	500	4,5	6,8	82,1
3,50	11	,1	,1	82,2
3,60	403	3,6	5,4	87,7
3,75	7	,1	,1	87,8
3,80	363	3,2	4,9	92,7
4,00	543	4,8	7,3	100,0
Total	7402	65,9	100,0	
Missing System	3827	34,1		
Total	11229	100,0		

Histogram





CORRELATIONS

```

/VARIABLES=ANXMAT_M ANXMAT
/PRINT=TWOTAIL NOSIG
/STATISTICS DESCRIPTIVES
/MISSING=PAIRWISE.

```

Correlations: Très forte, et forcément négative car AnxMat est basé sur des items inversés

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Comments		
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Resources	Processor Time	00:00:00,06
	Elapsed Time	00:00:00,07

Descriptive Statistics

	Mean	Std. Deviation	N
ANXMAT_M	2,7755	,71823	7402
Mathematics Anxiety	-,2351	1,03453	7386

Correlations

		ANXMAT_M	Mathematics Anxiety
ANXMAT_M	Pearson Correlation	1	-,991**
	Sig. (2-tailed)		,000
	N	7402	7386
Mathematics Anxiety	Pearson Correlation	-,991**	1
	Sig. (2-tailed)	,000	
	N	7386	7386

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