

DATA HASIL ANALISIS MEAN DAN STANDAR DEVIASI

TOTAL S,T,E,M DAN STEM

Frequencies

		Statistics				
		TOTAL.S	TOTAL.T	TOTAL.E	TOTAL.M	TOTAL.STE M
N	Valid	85	85	85	85	85
	Missing	0	0	0	0	0
Mean		26.04	27.32	28.31	22.56	29.60
Std. Deviation		5.137	3.513	3.922	6.076	4.291
Variance		26.392	12.338	15.382	36.915	18.410
Range		39	17	21	31	23
Minimum		1	18	19	8	17
Maximum		40	35	40	39	40

Frequency Table

		TOTAL.S			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	1.2	1.2	1.2
	16	1	1.2	1.2	2.4
	17	1	1.2	1.2	3.5
	19	2	2.4	2.4	5.9
	20	2	2.4	2.4	8.2
	21	4	4.7	4.7	12.9
	22	5	5.9	5.9	18.8
	23	6	7.1	7.1	25.9
	24	6	7.1	7.1	32.9
	25	9	10.6	10.6	43.5
	26	10	11.8	11.8	55.3
	27	11	12.9	12.9	68.2
	28	3	3.5	3.5	71.8
	29	4	4.7	4.7	76.5
	30	6	7.1	7.1	83.5
	31	4	4.7	4.7	88.2
	32	5	5.9	5.9	94.1
	33	3	3.5	3.5	97.6
	40	2	2.4	2.4	100.0
	Total	85	100.0	100.0	

TOTAL.T

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18	1	1.2	1.2	1.2
	20	1	1.2	1.2	2.4
	21	1	1.2	1.2	3.5
	22	1	1.2	1.2	4.7
	23	4	4.7	4.7	9.4
	24	11	12.9	12.9	22.4
	25	8	9.4	9.4	31.8
	26	10	11.8	11.8	43.5
	27	11	12.9	12.9	56.5
	28	10	11.8	11.8	68.2
	29	7	8.2	8.2	76.5
	30	5	5.9	5.9	82.4
	31	2	2.4	2.4	84.7
	32	4	4.7	4.7	89.4
	33	4	4.7	4.7	94.1
	34	2	2.4	2.4	96.5
	35	3	3.5	3.5	100.0
	Total	85	100.0	100.0	

TOTAL.E

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	19	2	2.4	2.4	2.4
	20	1	1.2	1.2	3.5
	21	1	1.2	1.2	4.7
	22	2	2.4	2.4	7.1
	23	2	2.4	2.4	9.4
	24	5	5.9	5.9	15.3
	25	5	5.9	5.9	21.2
	26	7	8.2	8.2	29.4
	27	11	12.9	12.9	42.4
	28	10	11.8	11.8	54.1
	29	8	9.4	9.4	63.5
	30	7	8.2	8.2	71.8
	31	8	9.4	9.4	81.2
	32	4	4.7	4.7	85.9
	33	5	5.9	5.9	91.8
	34	2	2.4	2.4	94.1
	35	2	2.4	2.4	96.5
	36	2	2.4	2.4	98.8
	40	1	1.2	1.2	100.0
	Total	85	100.0	100.0	

TOTAL.M

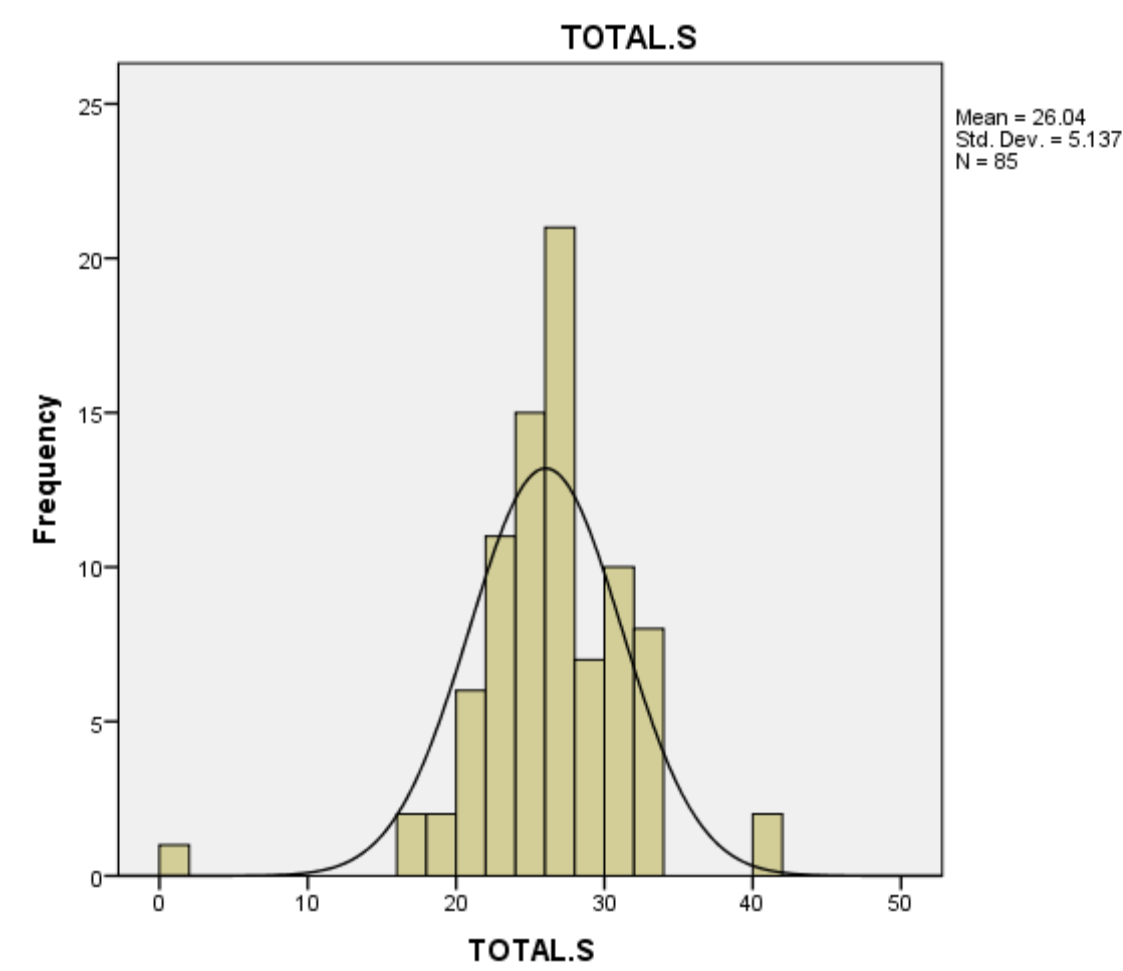
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	8	1	1.2	1.2	1.2
	9	2	2.4	2.4	3.5
	12	2	2.4	2.4	5.9
	14	4	4.7	4.7	10.6
	15	5	5.9	5.9	16.5
	16	2	2.4	2.4	18.8
	17	2	2.4	2.4	21.2
	19	8	9.4	9.4	30.6
	20	1	1.2	1.2	31.8
	21	6	7.1	7.1	38.8
	22	5	5.9	5.9	44.7
	23	8	9.4	9.4	54.1
	24	6	7.1	7.1	61.2
	25	6	7.1	7.1	68.2
	26	4	4.7	4.7	72.9
	27	7	8.2	8.2	81.2
	28	4	4.7	4.7	85.9
	29	3	3.5	3.5	89.4
	30	3	3.5	3.5	92.9
	31	1	1.2	1.2	94.1
	32	1	1.2	1.2	95.3
	33	2	2.4	2.4	97.6
	35	1	1.2	1.2	98.8
	39	1	1.2	1.2	100.0
Total		85	100.0	100.0	

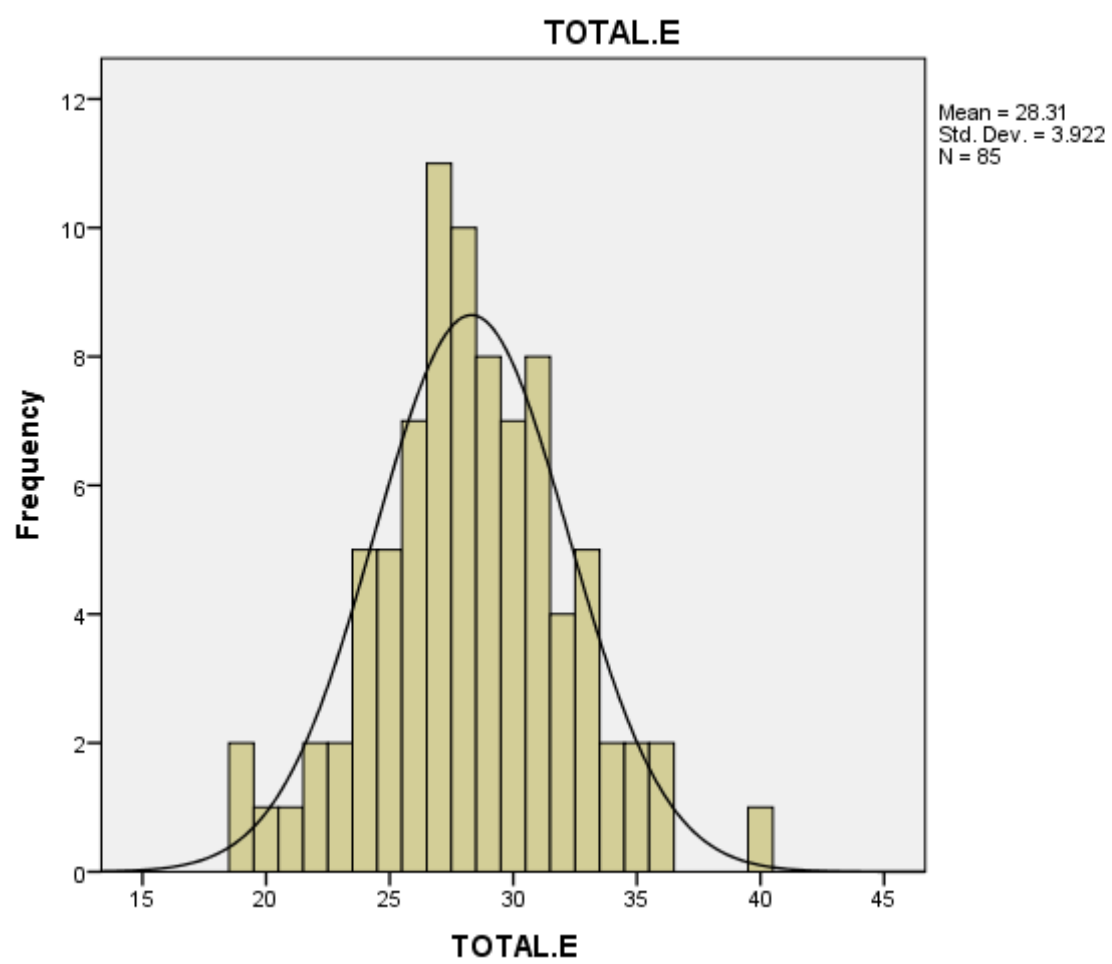
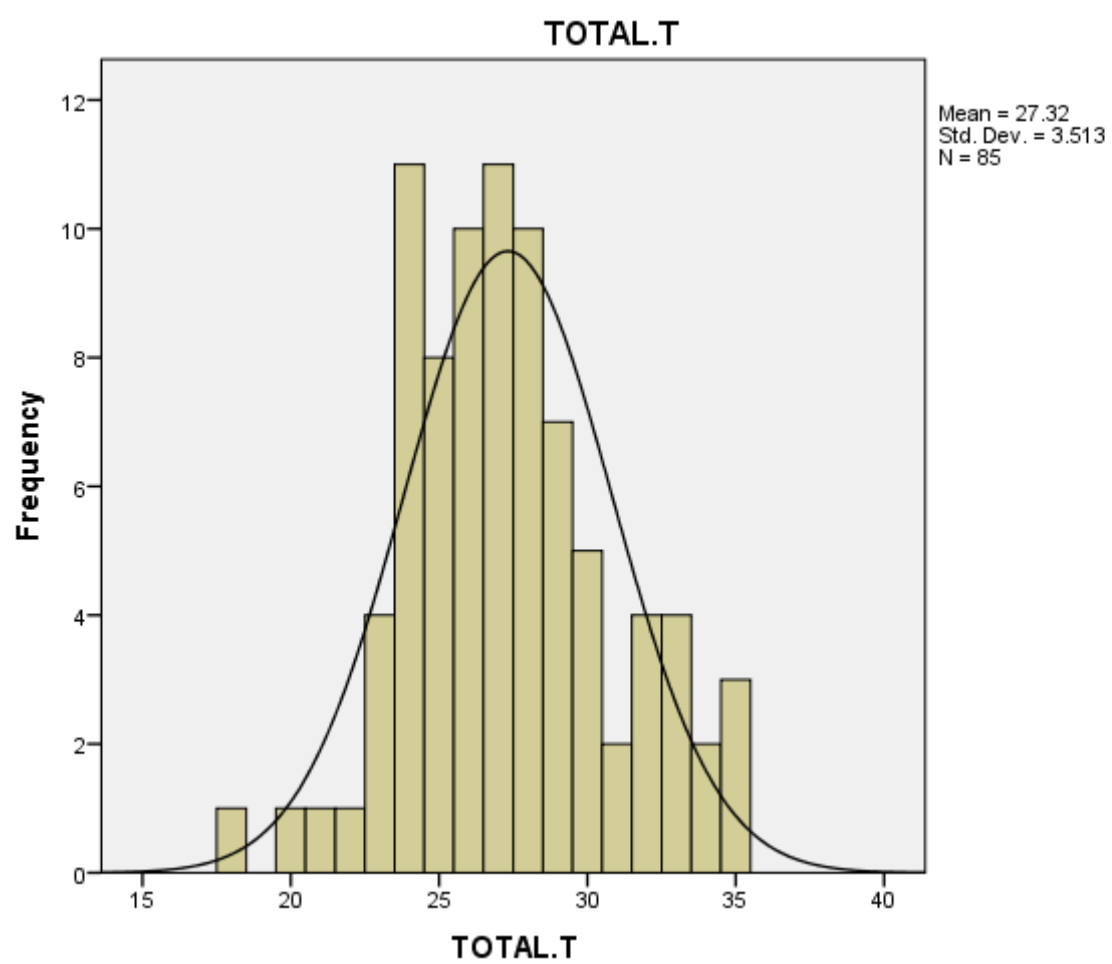
TOTAL.STEM

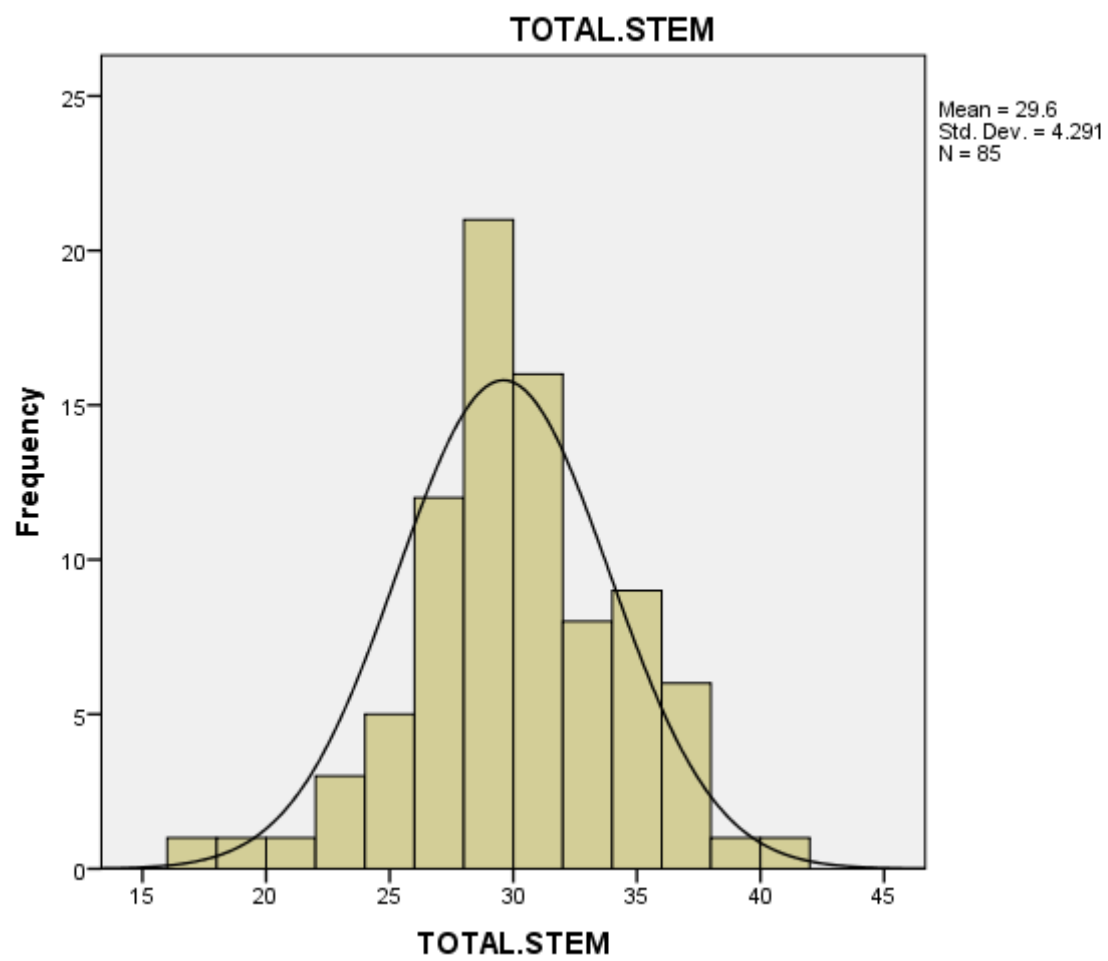
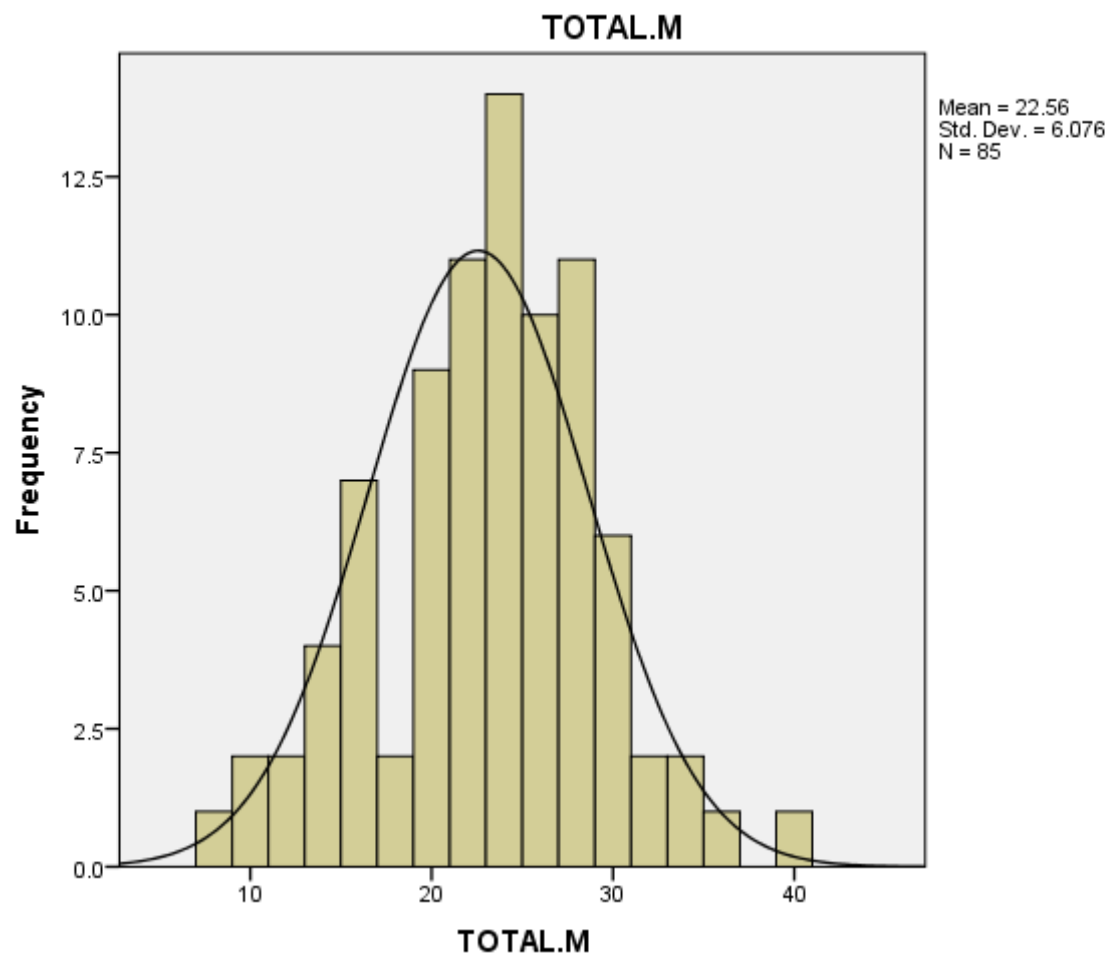
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Valid	17	1	1.2	1.2	1.2
	19	1	1.2	1.2	2.4
	20	1	1.2	1.2	3.5
	23	3	3.5	3.5	7.1
	24	4	4.7	4.7	11.8
	25	1	1.2	1.2	12.9
	26	5	5.9	5.9	18.8
	27	7	8.2	8.2	27.1
	28	13	15.3	15.3	42.4
	29	8	9.4	9.4	51.8
	30	6	7.1	7.1	58.8
	31	10	11.8	11.8	70.6

32	4	4.7	4.7	75.3
33	4	4.7	4.7	80.0
34	8	9.4	9.4	89.4
35	1	1.2	1.2	90.6
36	3	3.5	3.5	94.1
37	3	3.5	3.5	97.6
39	1	1.2	1.2	98.8
40	1	1.2	1.2	100.0
Total	85	100.0	100.0	

Histogram







Descriptives

Descriptive Statistics							
	N	Range	Minimum	Maximum	Mean	Std. Deviation	Variance
TOTAL.S	85	39	1	40	26.04	5.137	26.392
TOTAL.T	85	17	18	35	27.32	3.513	12.338
TOTAL.E	85	21	19	40	28.31	3.922	15.382
TOTAL.M	85	31	8	39	22.56	6.076	36.915
TOTAL.STEM	85	23	17	40	29.60	4.291	18.410
Valid N (listwise)	85						

DATA ANALISIS MEAN DAN STANDAR DEVIASI

SCIENCE (S)

Frequencies

		Statistics							
		S.1	S.2	S.3	S.4	S.5	S.6	S.7	S.8
N	Valid	85	85	85	85	85	85	85	85
	Missing	0	0	0	0	0	0	0	0

Frequency Table

S.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	6	7.1	7.1	7.1
	TS	12	14.1	14.1	21.2
	N	47	55.3	55.3	76.5
	S	15	17.6	17.6	94.1
	SS	5	5.9	5.9	100.0
	Total	85	100.0	100.0	

S.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	3	3.5	3.5	3.5
	TS	23	27.1	27.1	30.6
	N	43	50.6	50.6	81.2
	S	13	15.3	15.3	96.5
	SS	3	3.5	3.5	100.0
	Total	85	100.0	100.0	

S.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	TS	11	12.9	12.9	14.1
	N	42	49.4	49.4	63.5
	S	27	31.8	31.8	95.3
	SS	4	4.7	4.7	100.0
	Total	85	100.0	100.0	

S.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	2	2.4	2.4	2.4
	TS	8	9.4	9.4	11.8

N	23	27.1	27.1	38.8
S	36	42.4	42.4	81.2
SS	16	18.8	18.8	100.0
Total	85	100.0	100.0	

S.5

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid STS	1	1.2	1.2	1.2
TS	7	8.2	8.2	9.4
N	30	35.3	35.3	44.7
S	28	32.9	32.9	77.6
SS	19	22.4	22.4	100.0
Total	85	100.0	100.0	

S.6

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid STS	8	9.4	9.4	9.4
TS	28	32.9	32.9	42.4
N	35	41.2	41.2	83.5
S	11	12.9	12.9	96.5
SS	3	3.5	3.5	100.0
Total	85	100.0	100.0	

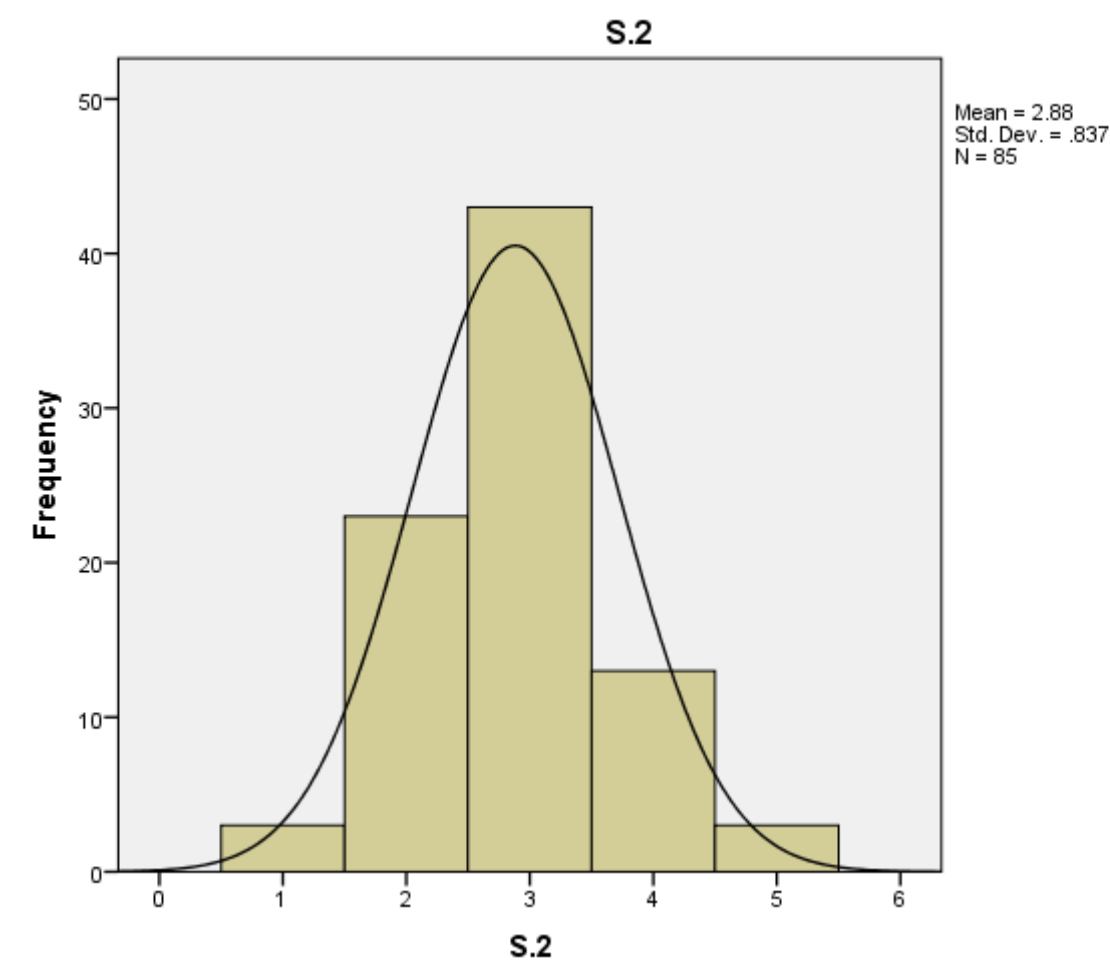
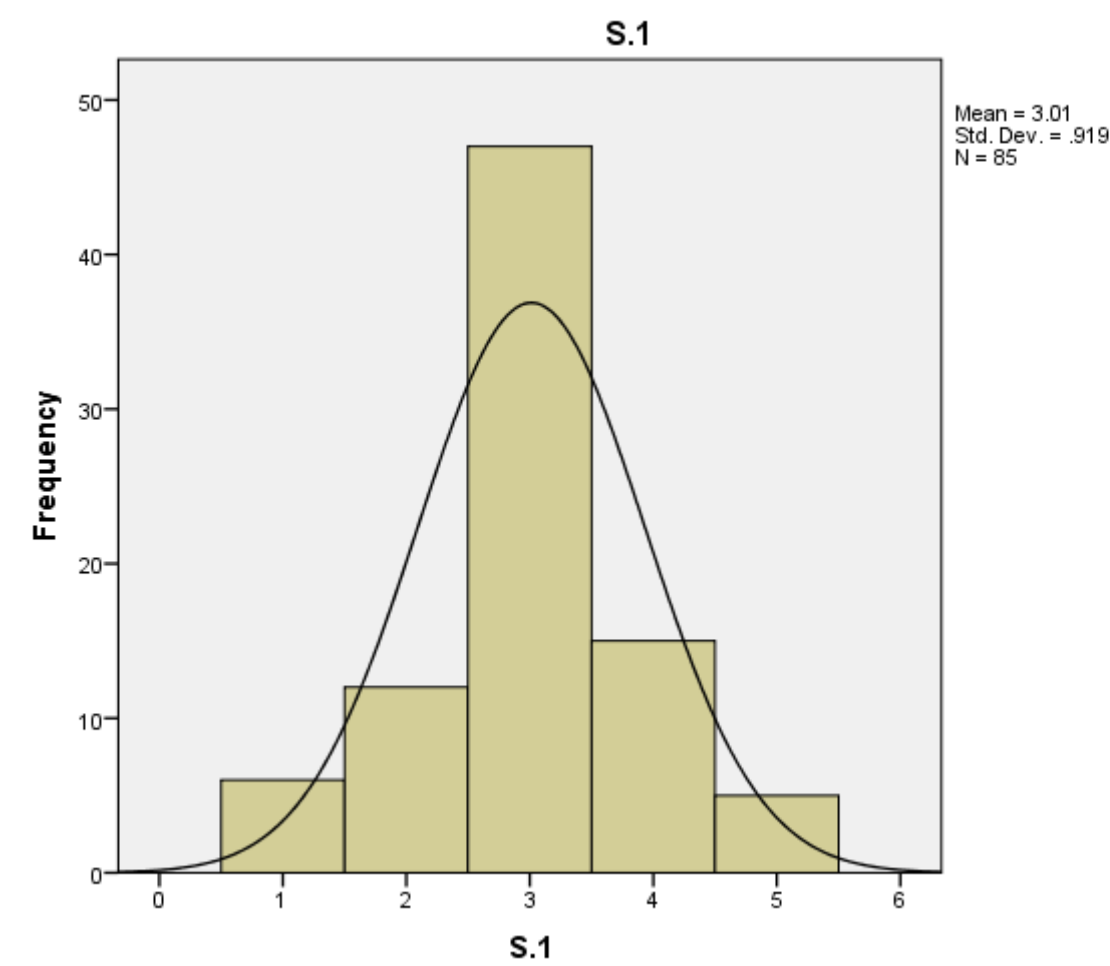
S.7

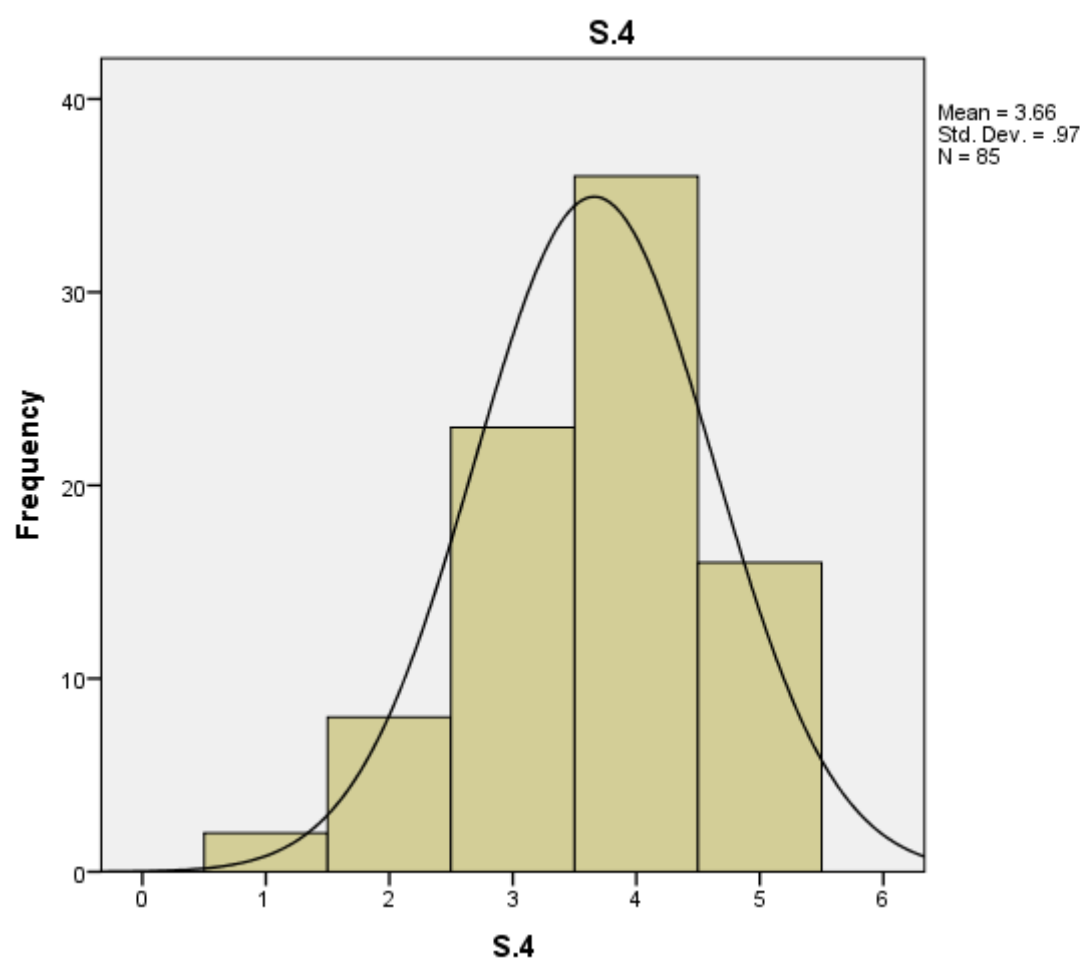
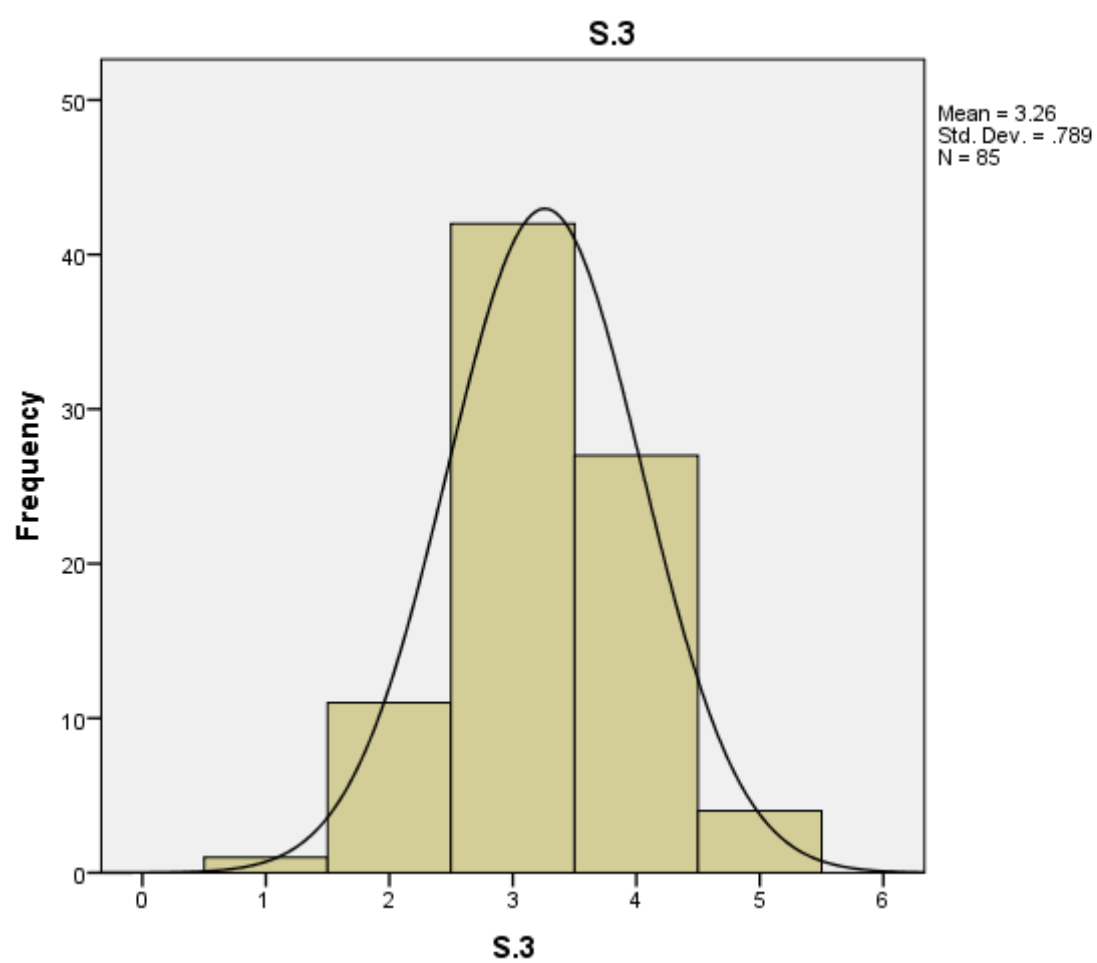
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid STS	2	2.4	2.4	2.4
TS	3	3.5	3.5	5.9
N	35	41.2	41.2	47.1
S	28	32.9	32.9	80.0
SS	17	20.0	20.0	100.0
Total	85	100.0	100.0	

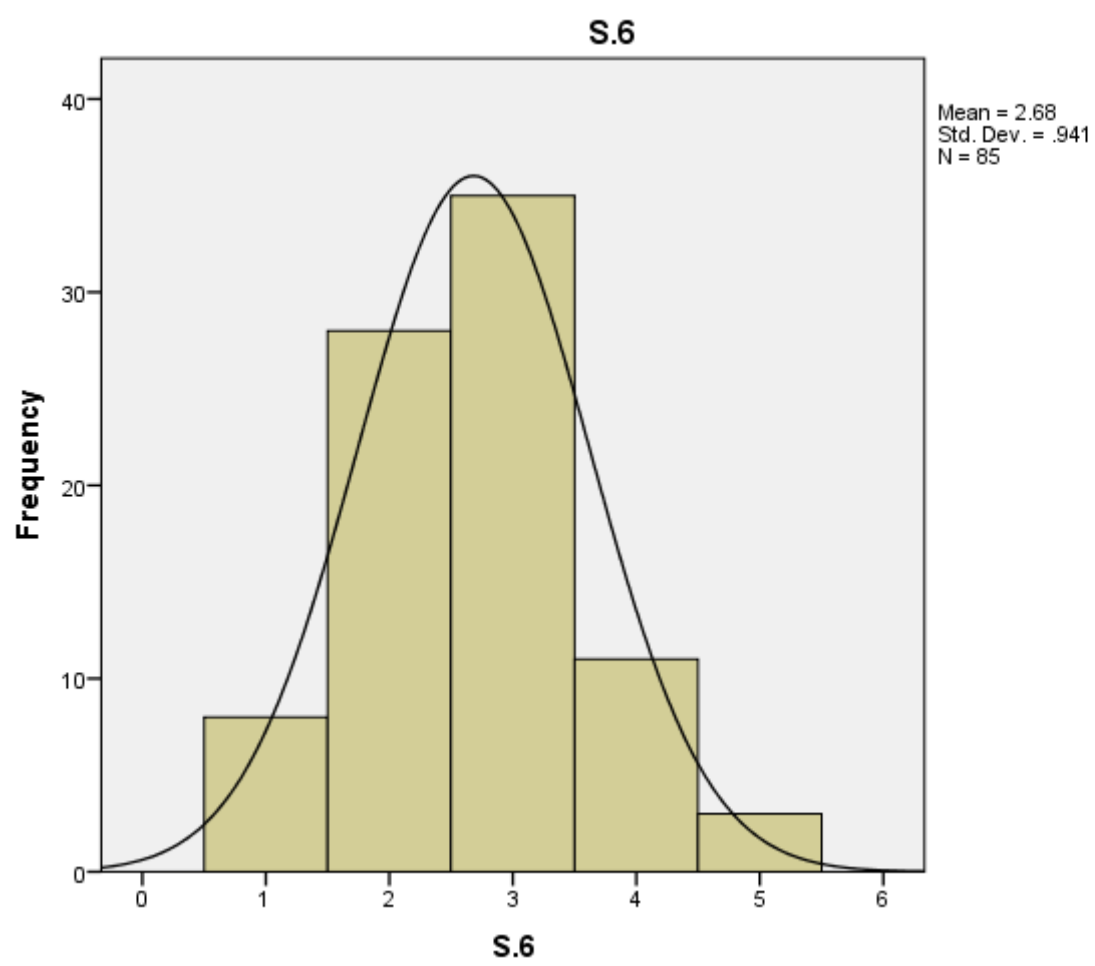
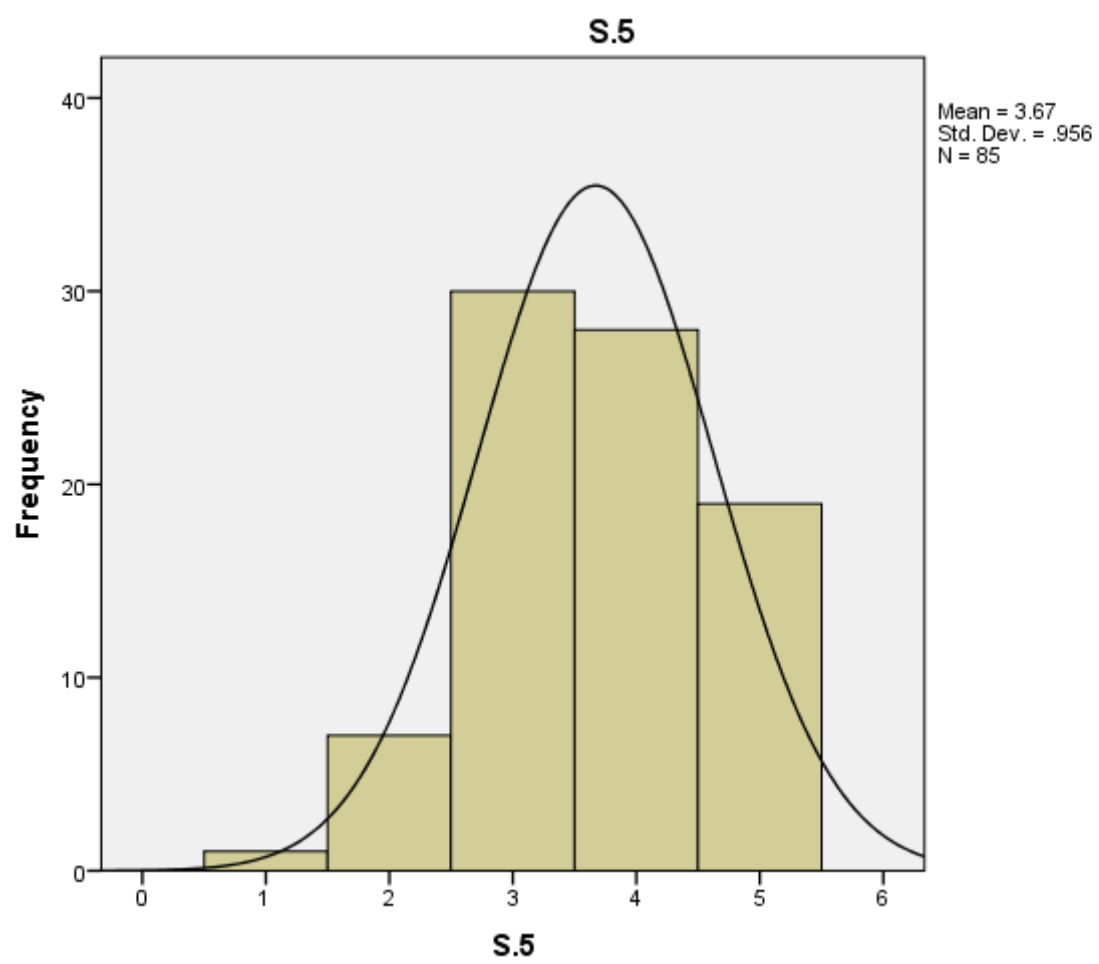
S.8

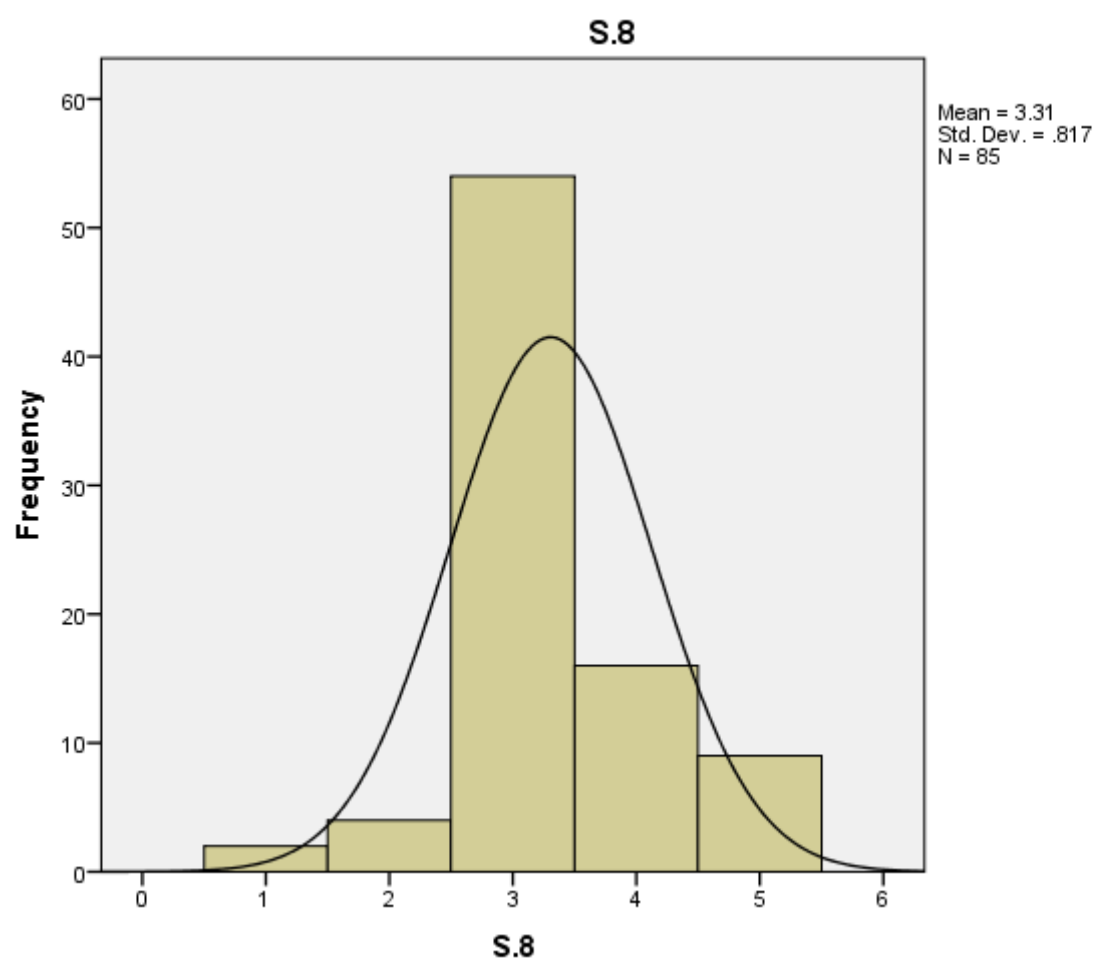
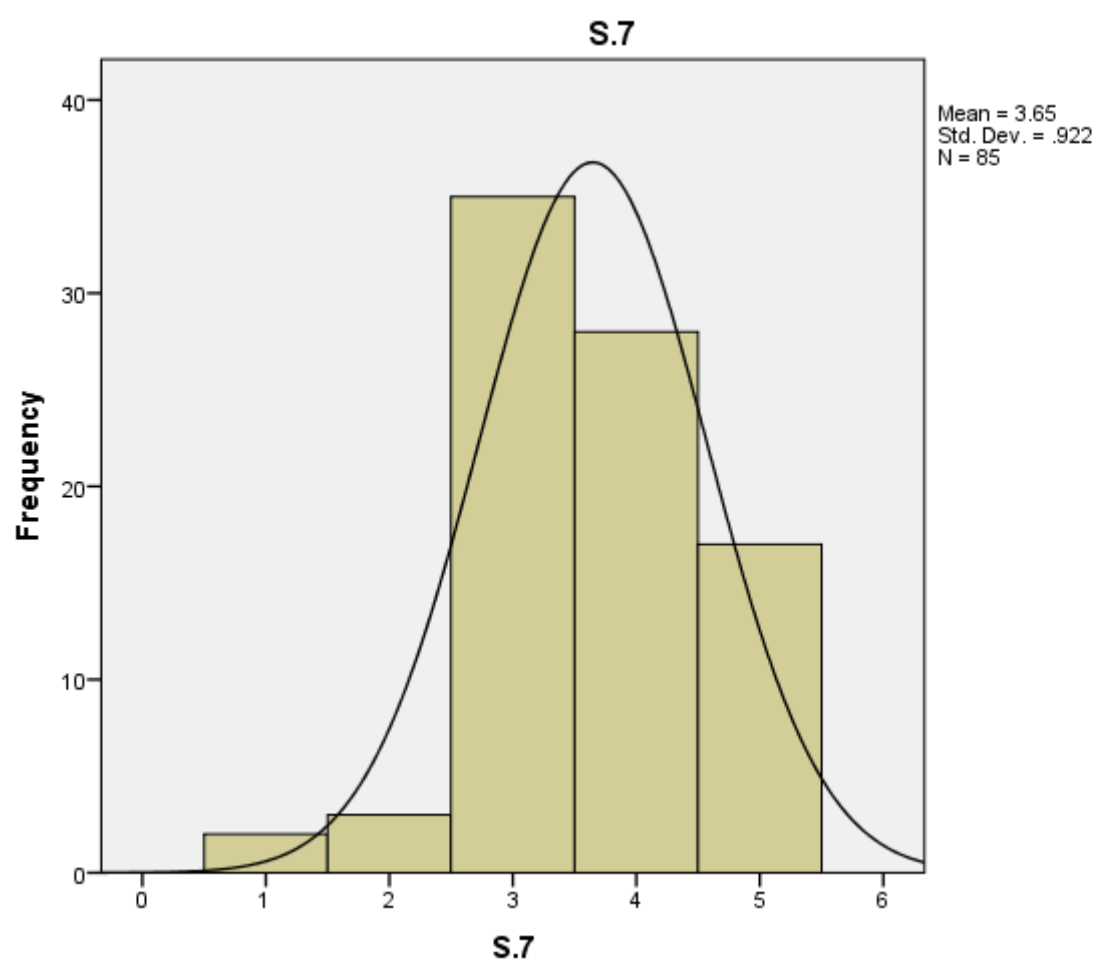
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid STS	2	2.4	2.4	2.4
TS	4	4.7	4.7	7.1
N	54	63.5	63.5	70.6
S	16	18.8	18.8	89.4
SS	9	10.6	10.6	100.0
Total	85	100.0	100.0	

Histogram









DATA ANALISIS MEAN DAN STANDAR DEVIASI

TECHNOLOGY (T)

Frequencies

		Statistics						
		T.1	T.2	T.3	T.4	T.5	T.6	T.7
N	Valid	85	85	85	85	85	85	85
	Missing	0	0	0	0	0	0	0

Frequency Table

T.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	TS	2	2.4	2.4	3.5
	N	23	27.1	27.1	30.6
	S	28	32.9	32.9	63.5
	SS	31	36.5	36.5	100.0
	Total	85	100.0	100.0	

T.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	TS	14	16.5	16.5	17.6
	N	35	41.2	41.2	58.8
	S	26	30.6	30.6	89.4
	SS	9	10.6	10.6	100.0
	Total	85	100.0	100.0	

T.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	2	2.4	2.4	2.4
	TS	2	2.4	2.4	4.7
	N	31	36.5	36.5	41.2
	S	36	42.4	42.4	83.5
	SS	14	16.5	16.5	100.0
	Total	85	100.0	100.0	

T.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	2	2.4	2.4	2.4
	N	21	24.7	24.7	27.1

	S	38	44.7	44.7	71.8
	SS	24	28.2	28.2	100.0
	Total	85	100.0	100.0	

T.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	TS	9	10.6	10.6	11.8
	N	37	43.5	43.5	55.3
	S	17	20.0	20.0	75.3
	SS	21	24.7	24.7	100.0
	Total	85	100.0	100.0	

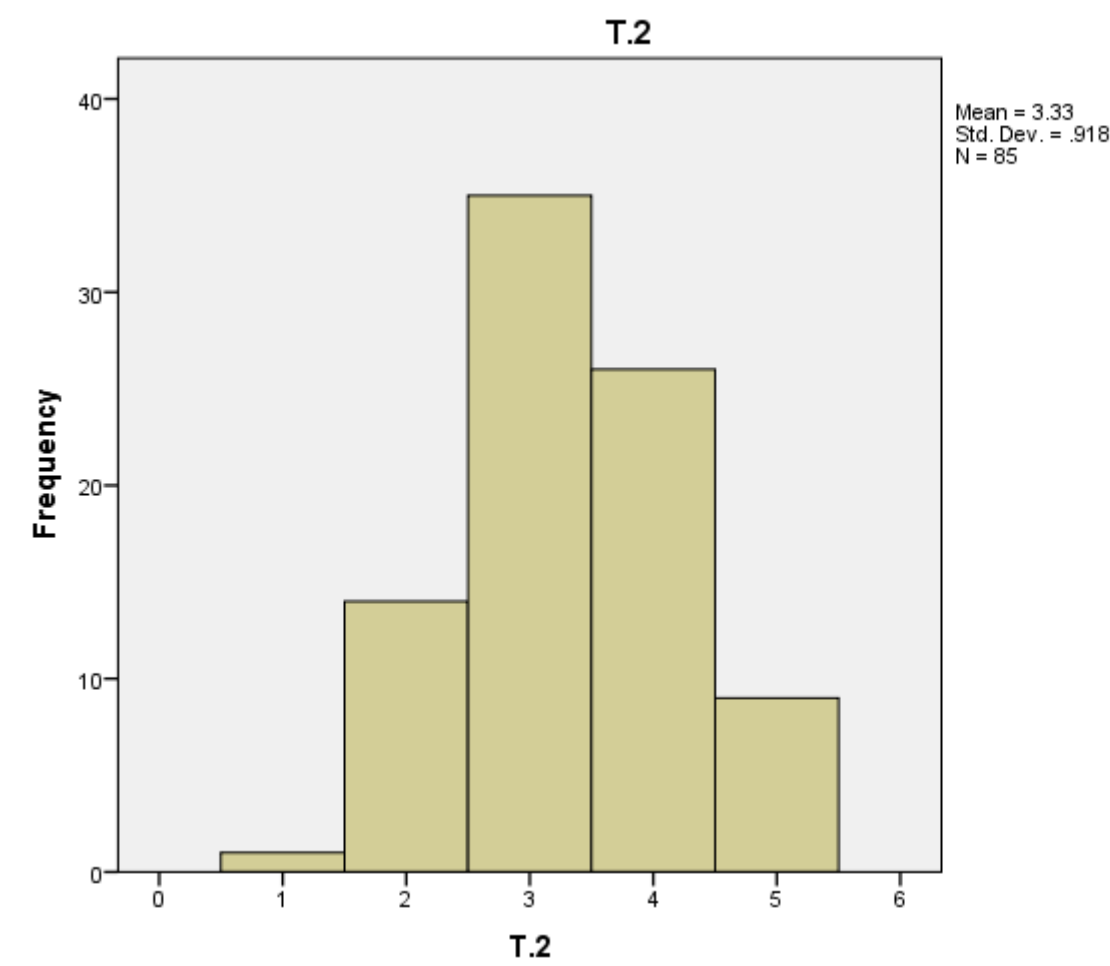
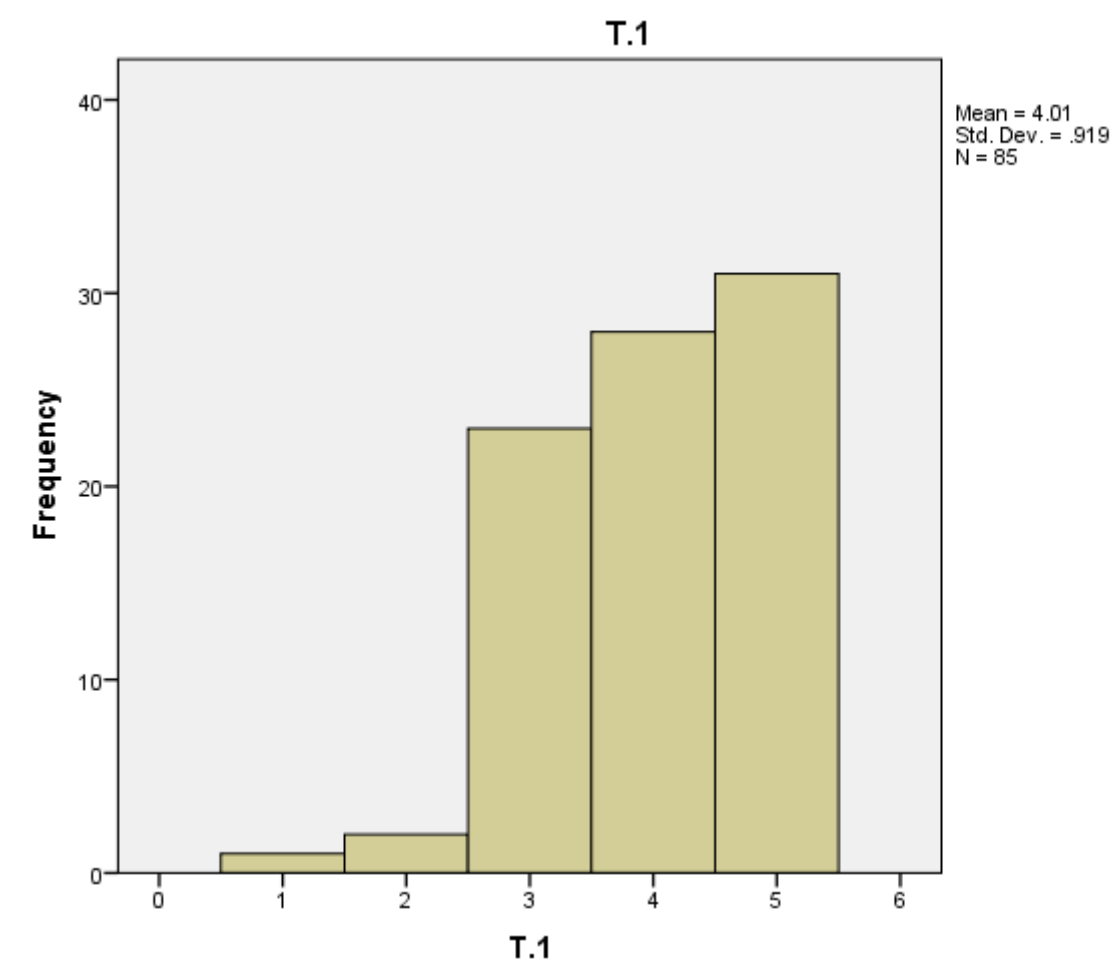
T.6

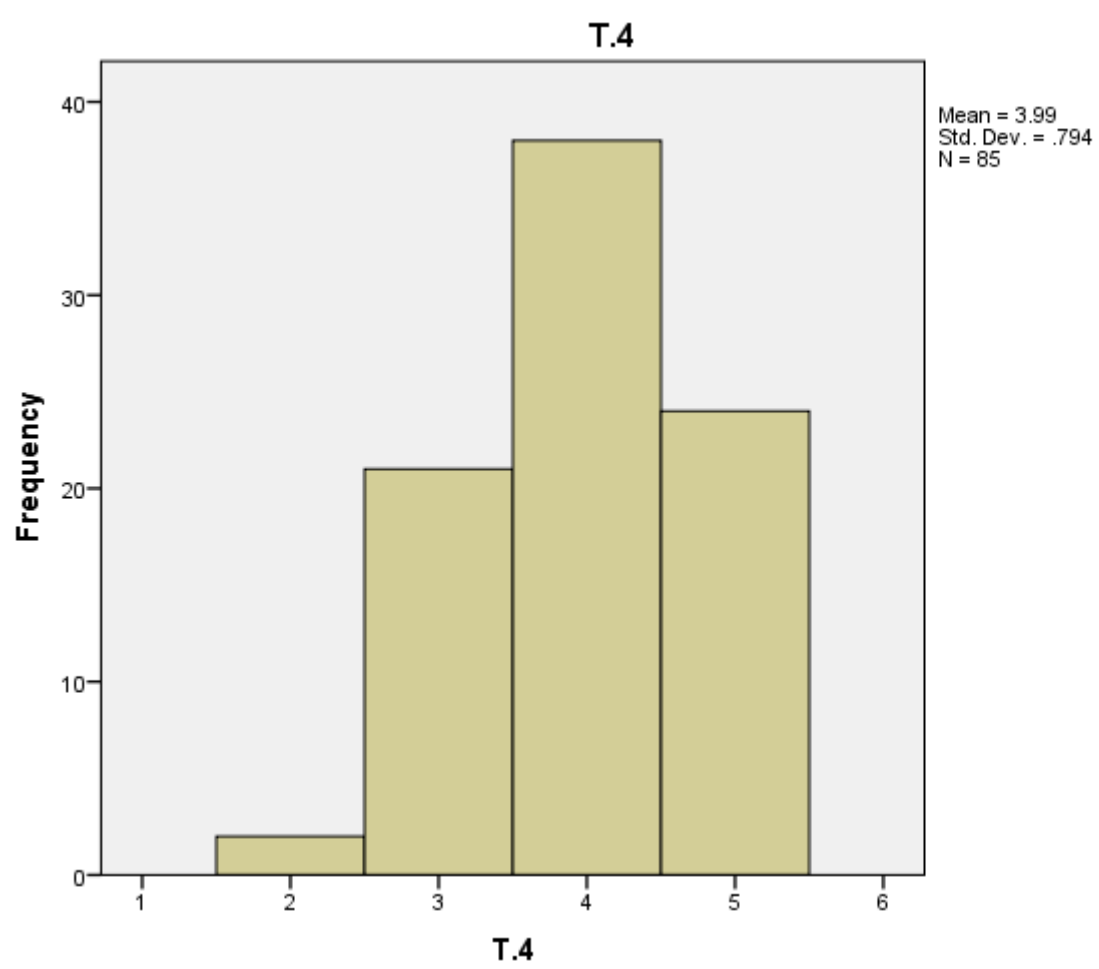
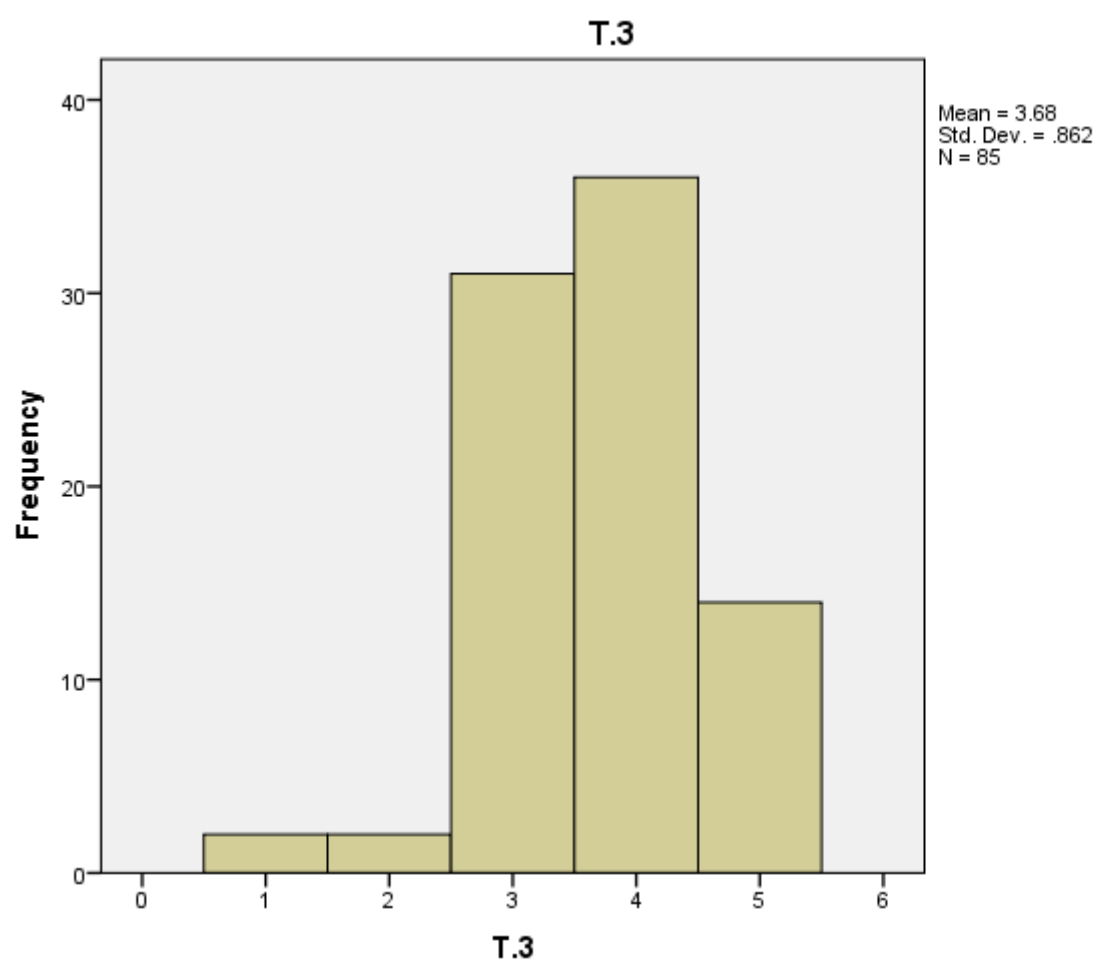
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	N	14	16.5	16.5	17.6
	S	30	35.3	35.3	52.9
	SS	40	47.1	47.1	100.0
	Total	85	100.0	100.0	

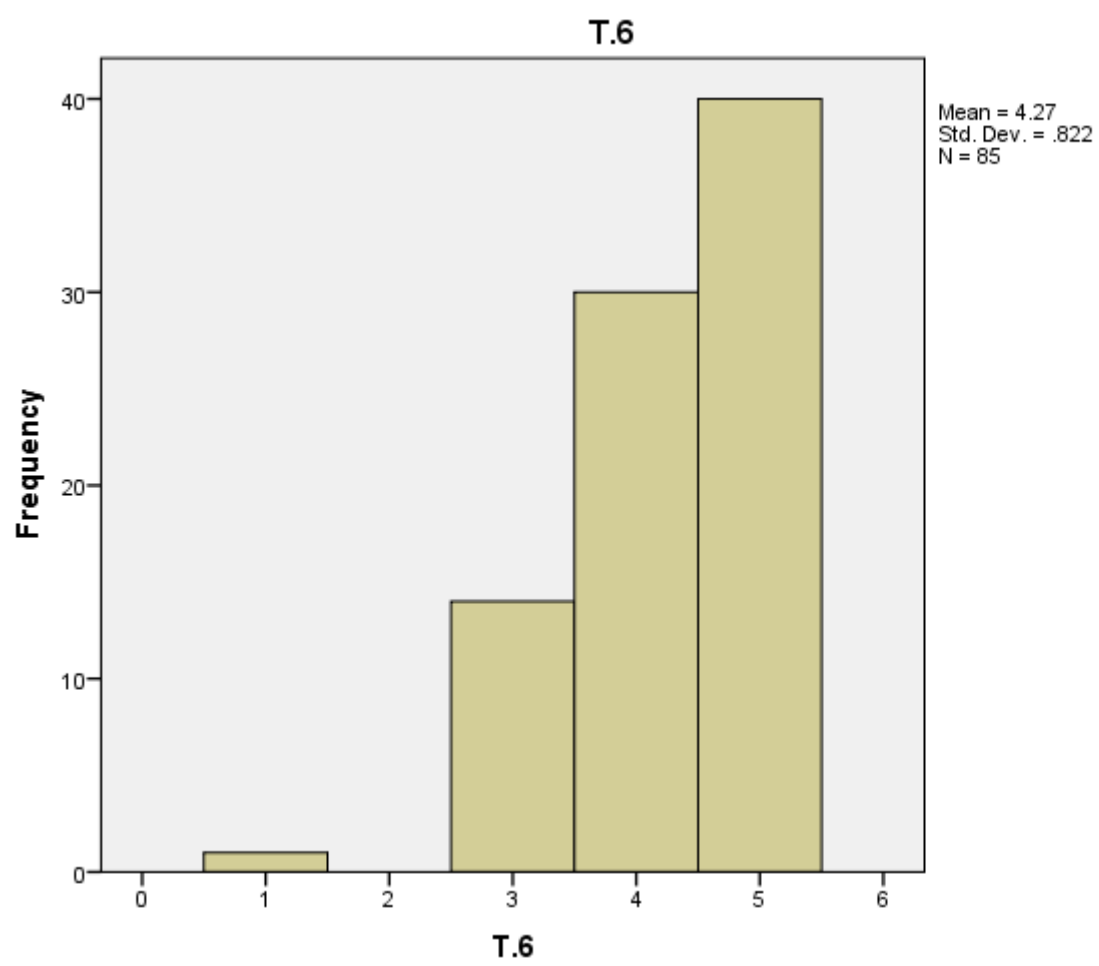
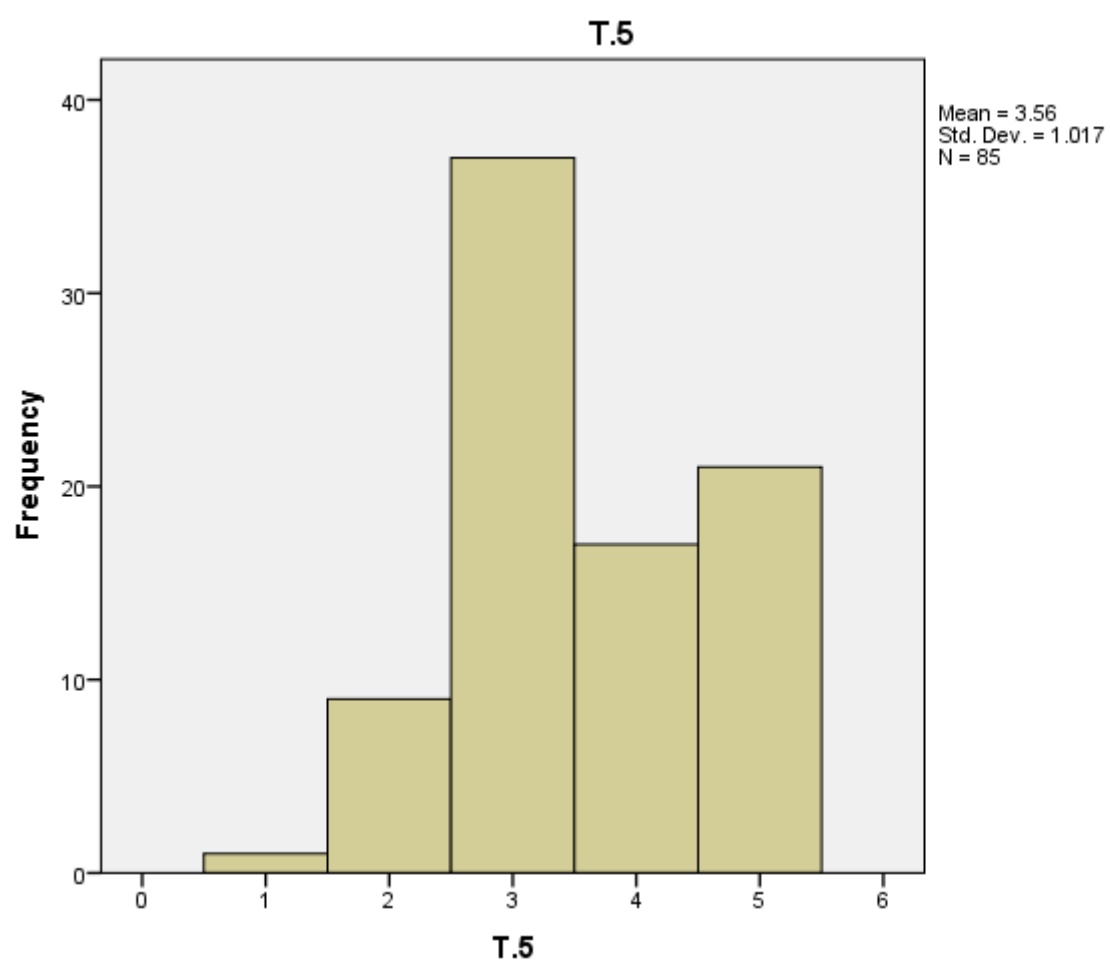
T.7

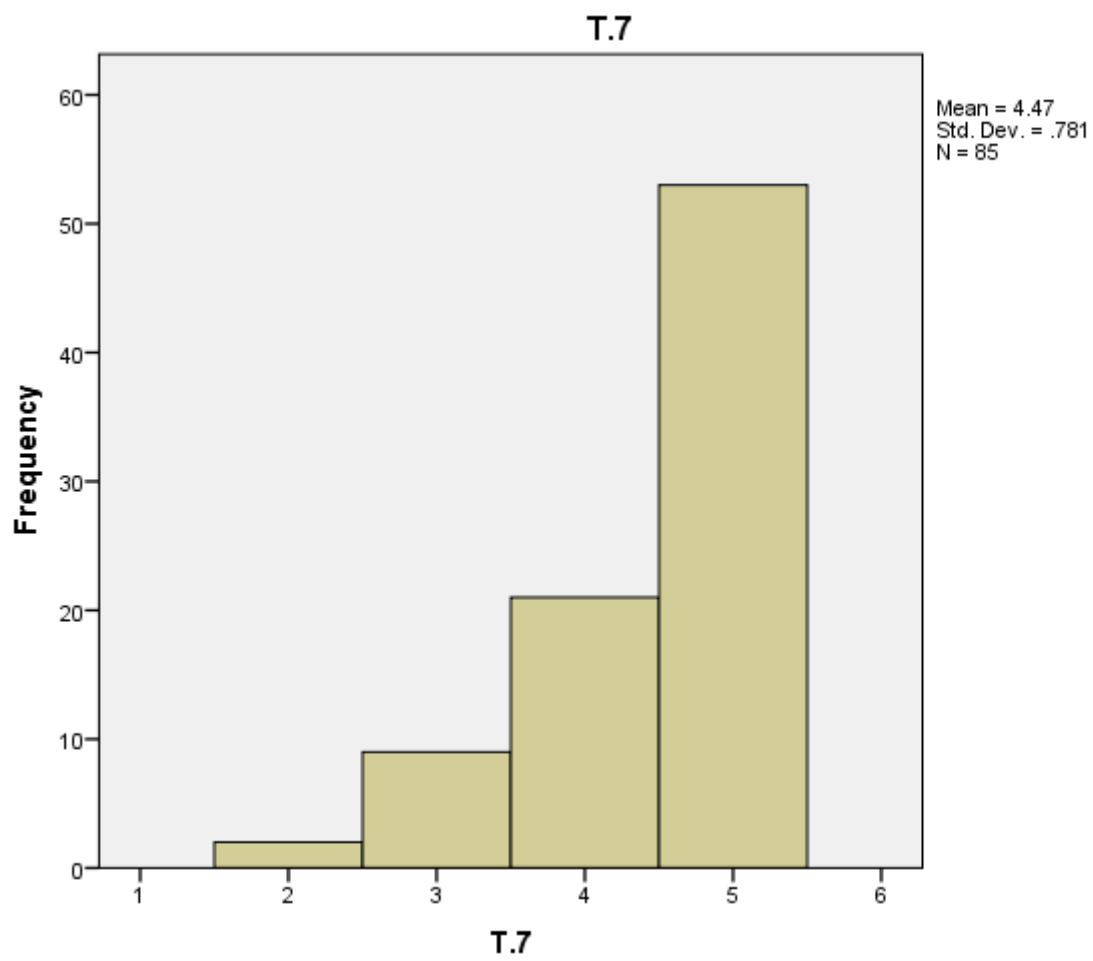
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	2	2.4	2.4	2.4
	N	9	10.6	10.6	12.9
	S	21	24.7	24.7	37.6
	SS	53	62.4	62.4	100.0
	Total	85	100.0	100.0	

Histogram









**DATA ANALISIS MEAN DAN STANDAR DEVIASI
ENGINEERING (E)**

Frequencies

		Statistics							
		E.1	E.2	E.3	E.4	E.5	E.6	E.7	E.8
N	Valid	85	85	85	85	85	85	85	85
	Missing	0	0	0	0	0	0	0	0

Frequency Table

		E.1			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	TS	9	10.6	10.6	11.8
	N	41	48.2	48.2	60.0
	S	22	25.9	25.9	85.9
	SS	12	14.1	14.1	100.0
	Total	85	100.0	100.0	

E.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	6	7.1	7.1	7.1
	N	34	40.0	40.0	47.1
	S	38	44.7	44.7	91.8
	SS	7	8.2	8.2	100.0
	Total	85	100.0	100.0	

E.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	TS	6	7.1	7.1	8.2
	N	31	36.5	36.5	44.7
	S	34	40.0	40.0	84.7
	SS	13	15.3	15.3	100.0
	Total	85	100.0	100.0	

E.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	11	12.9	12.9	12.9
	N	38	44.7	44.7	57.6
	S	29	34.1	34.1	91.8
	SS	7	8.2	8.2	100.0
	Total	85	100.0	100.0	

E.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	TS	16	18.8	18.8	20.0
	N	45	52.9	52.9	72.9
	S	16	18.8	18.8	91.8
	SS	7	8.2	8.2	100.0
	Total	85	100.0	100.0	

E.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	2	2.4	2.4	2.4
	TS	6	7.1	7.1	9.4
	N	30	35.3	35.3	44.7
	S	27	31.8	31.8	76.5

SS	20	23.5	23.5	100.0
Total	85	100.0	100.0	

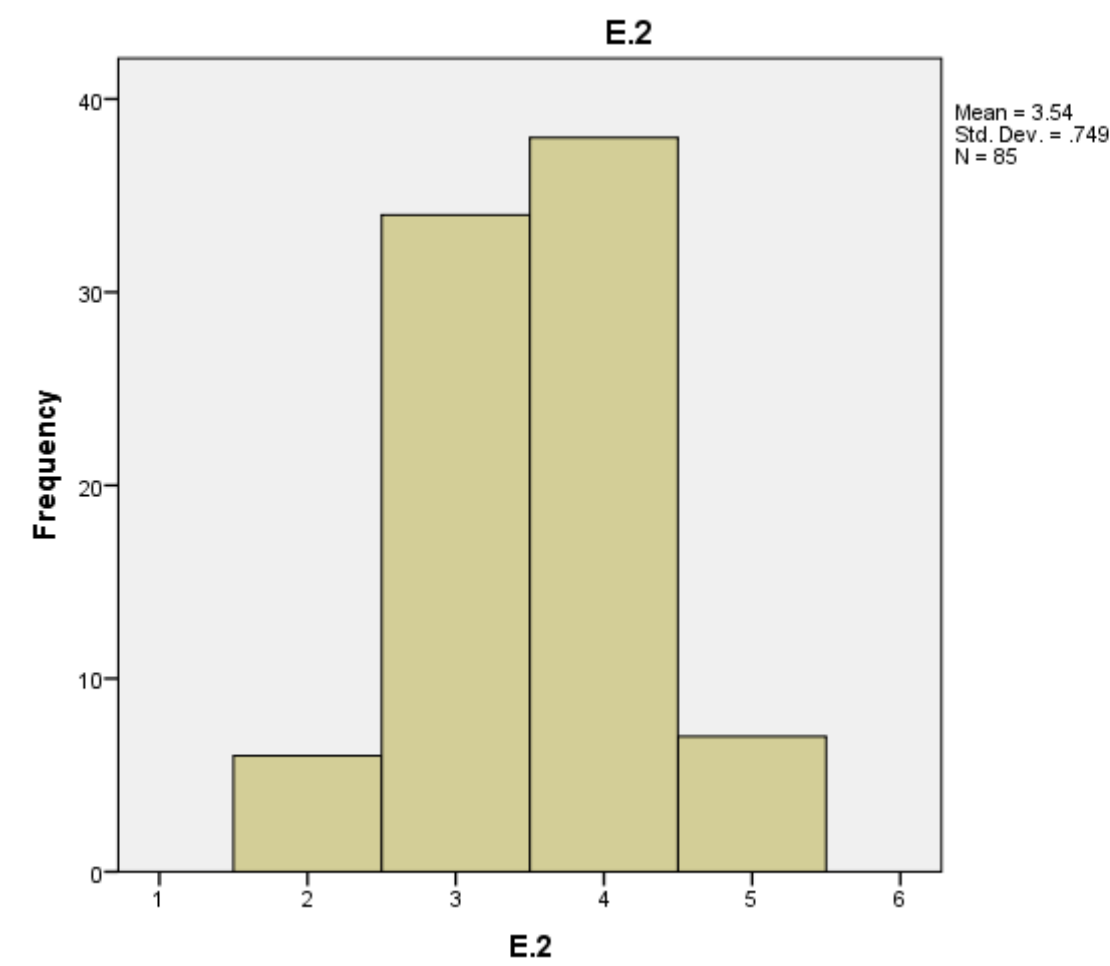
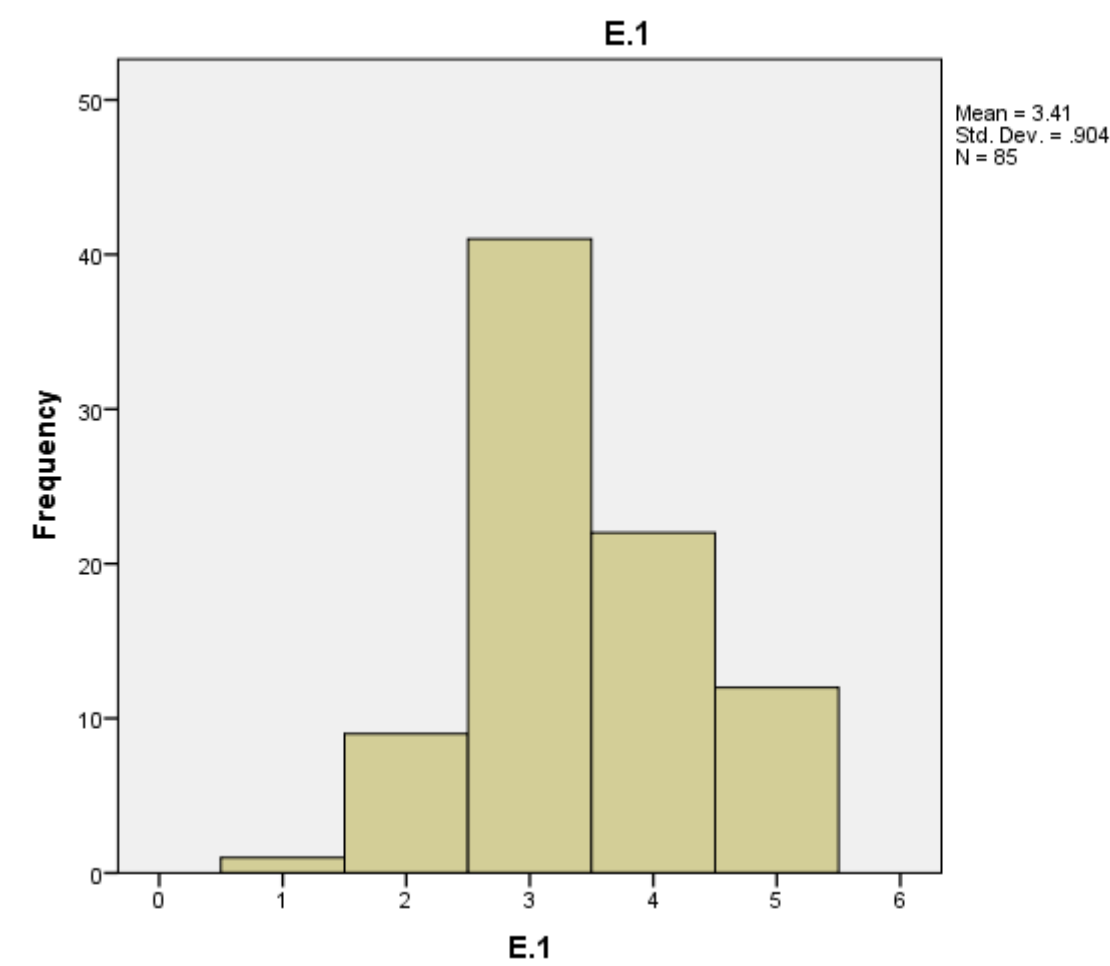
E.7

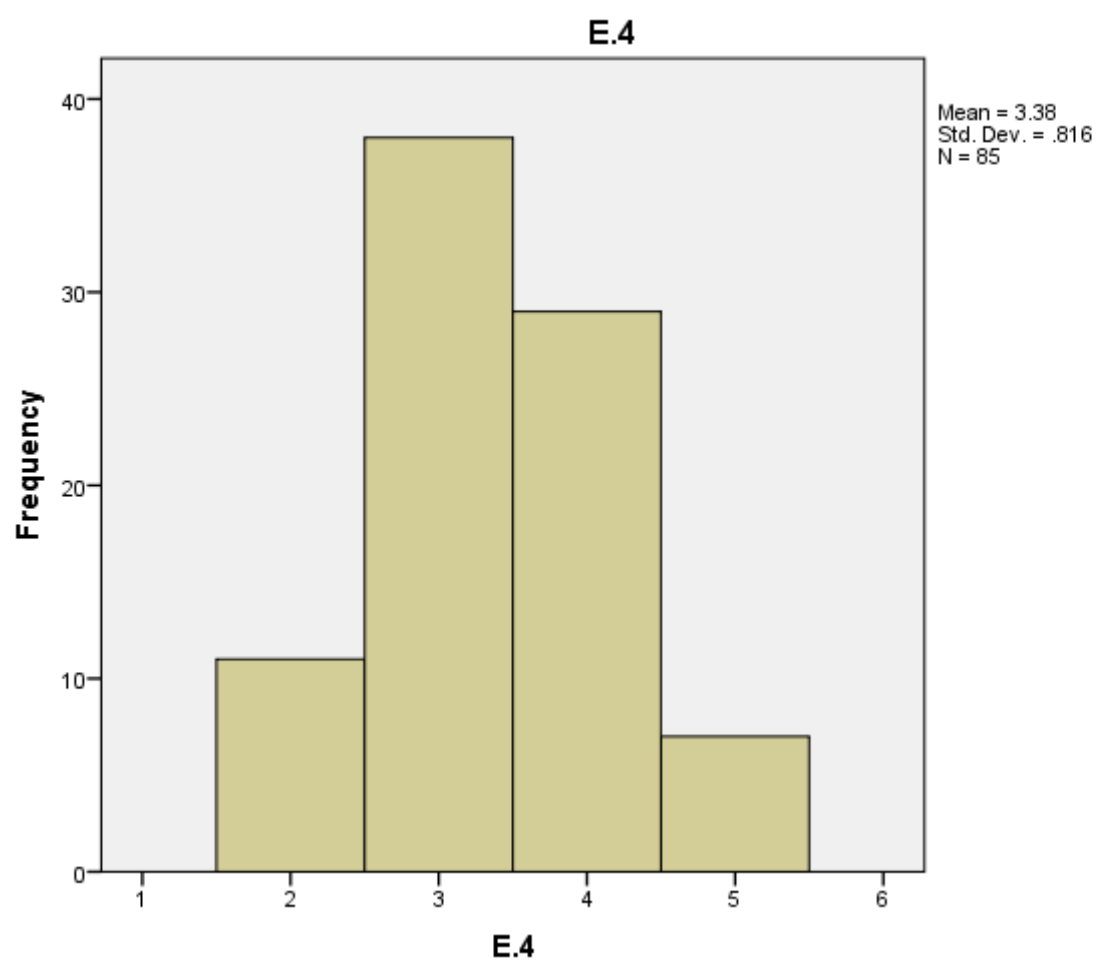
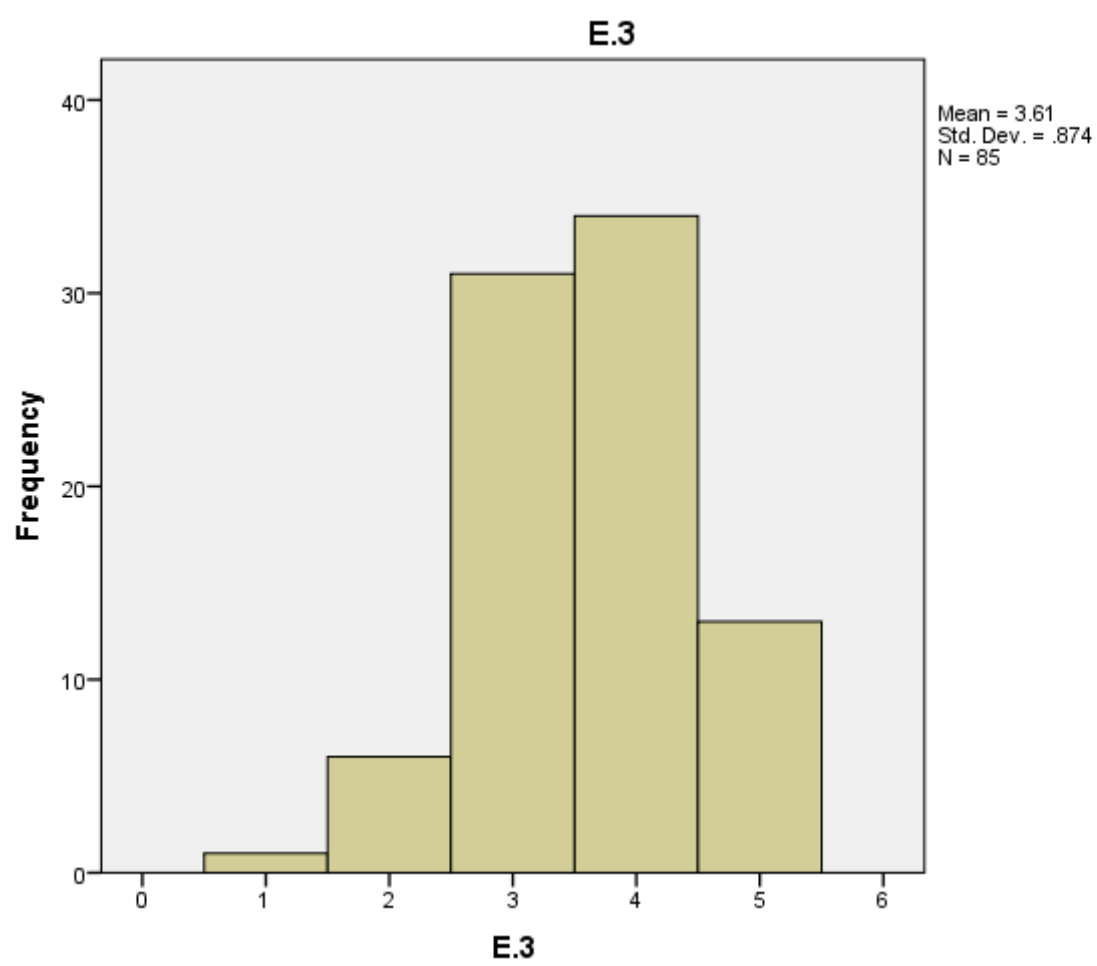
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid STS	1	1.2	1.2	1.2
TS	7	8.2	8.2	9.4
N	44	51.8	51.8	61.2
S	23	27.1	27.1	88.2
SS	10	11.8	11.8	100.0
Total	85	100.0	100.0	

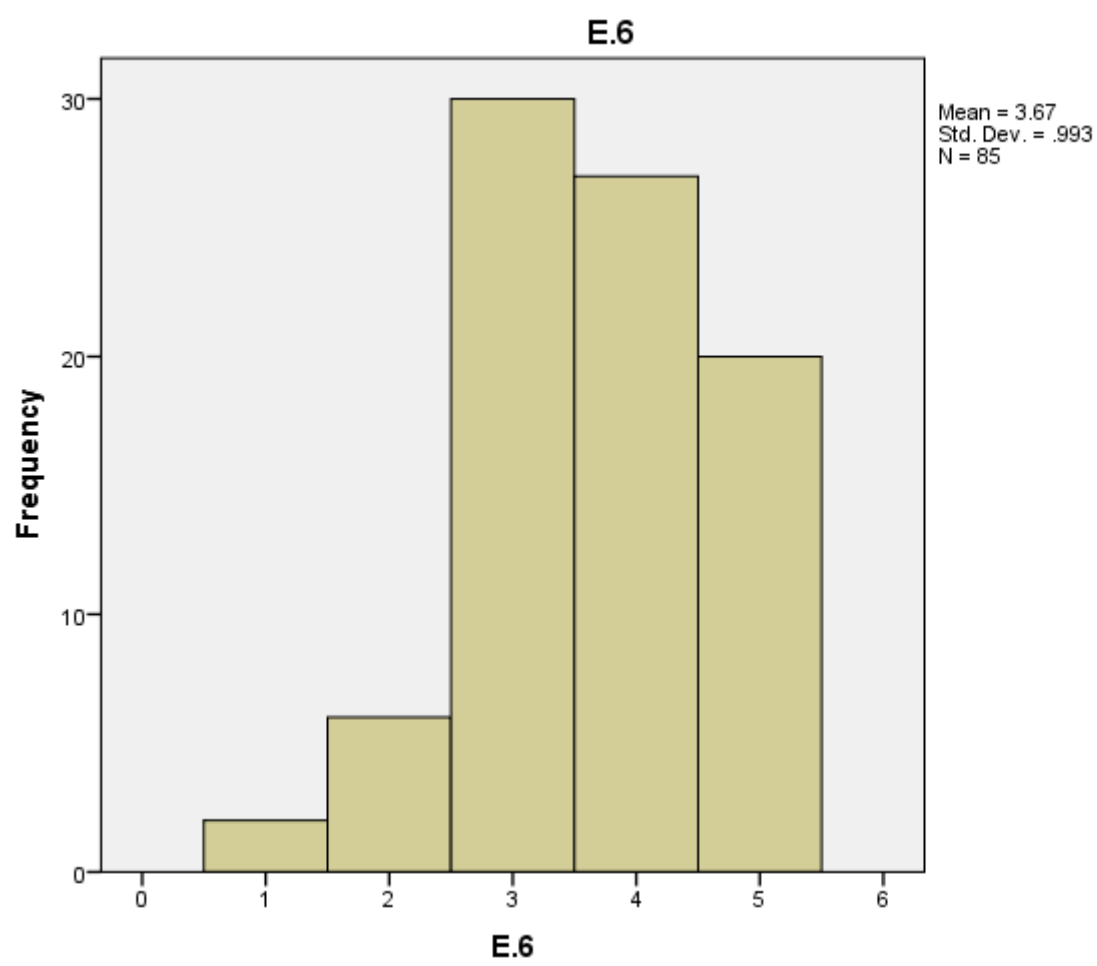
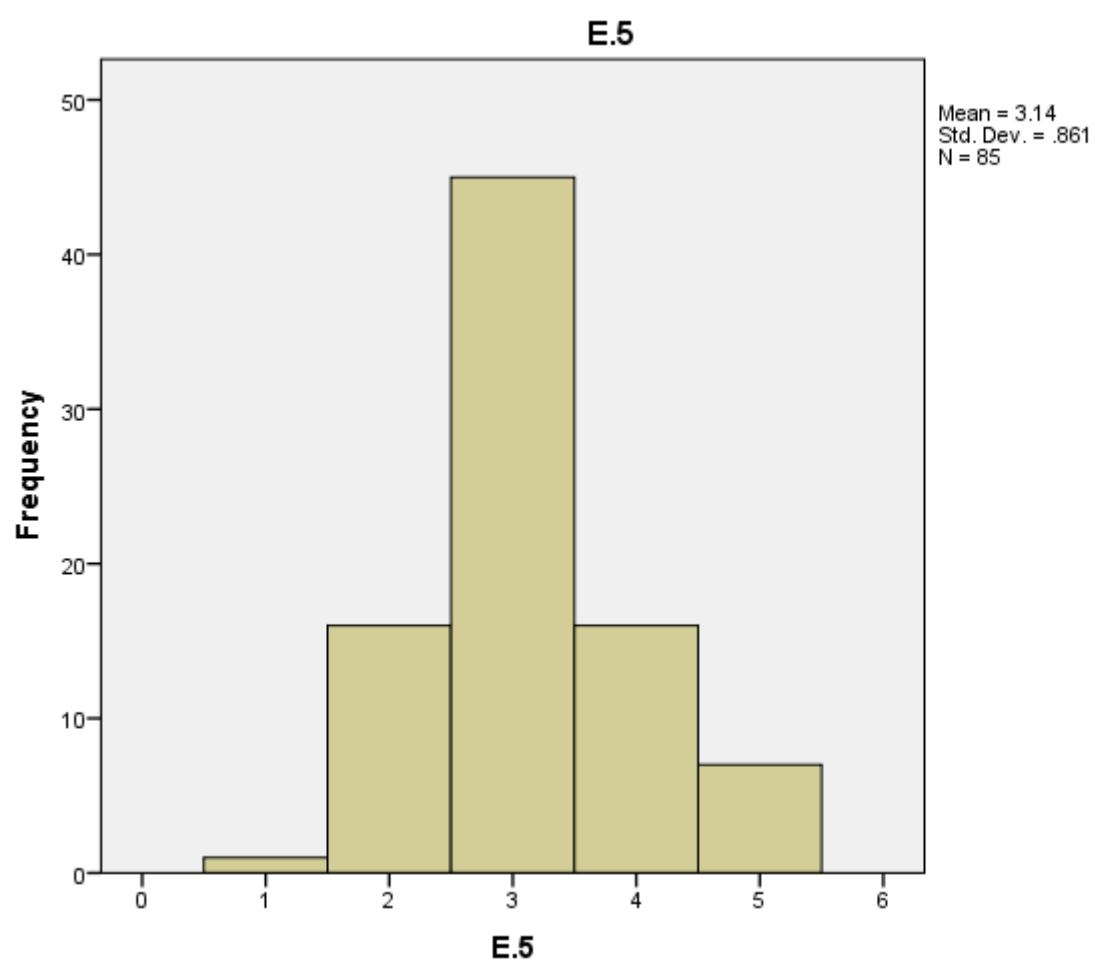
E.8

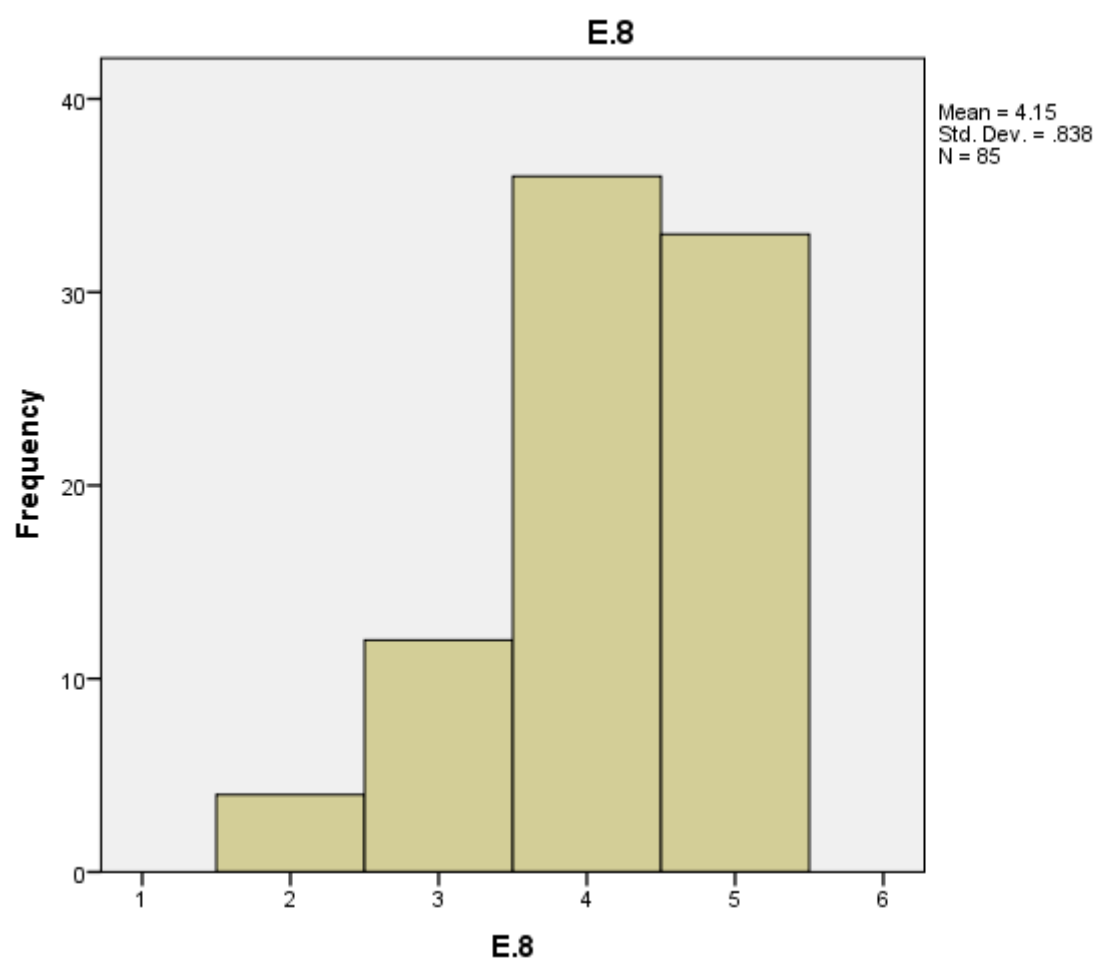
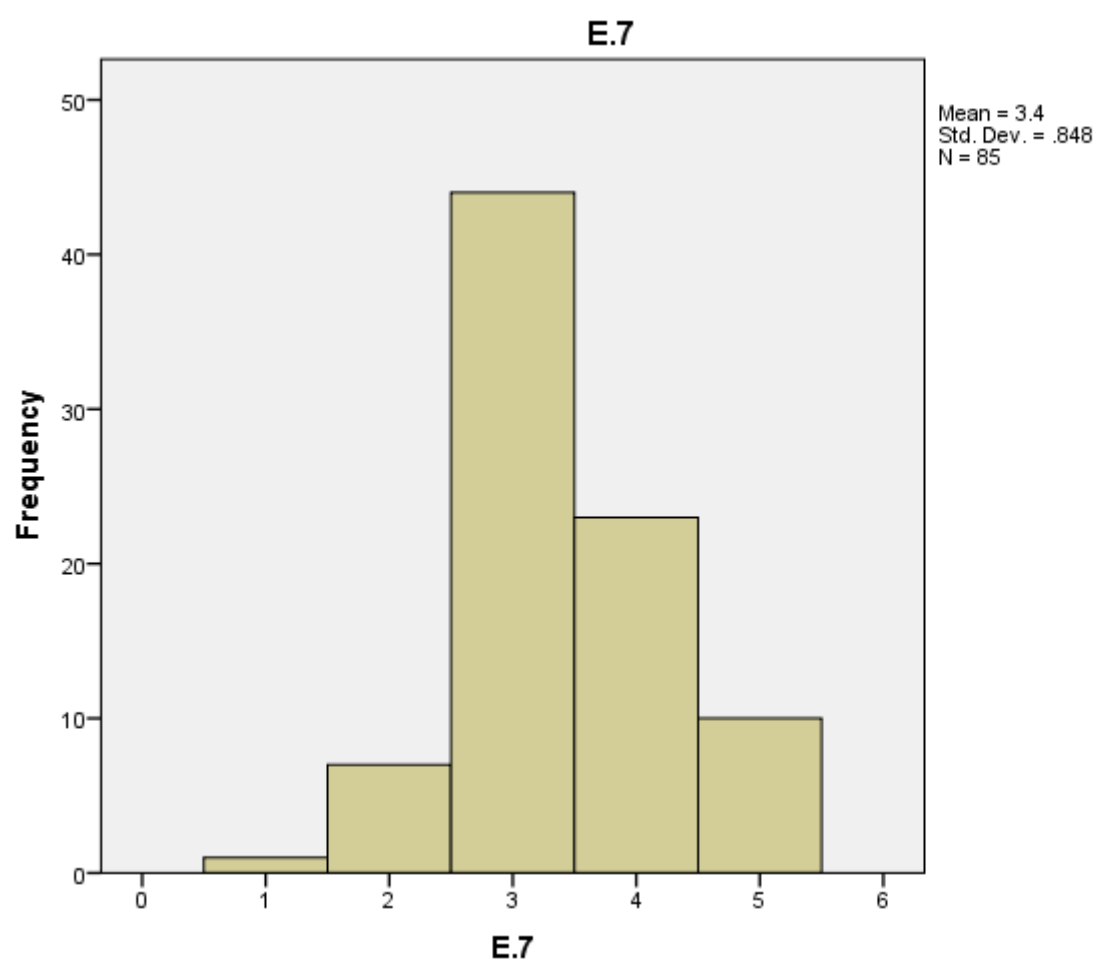
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid TS	4	4.7	4.7	4.7
N	12	14.1	14.1	18.8
S	36	42.4	42.4	61.2
SS	33	38.8	38.8	100.0
Total	85	100.0	100.0	

Histogram









DATA ANALISIS MEAN DAN STANDAR DEVIASI

MATHEMATICS (M)

Frequencies

		Statistics							
		M.1	M.2	M.3	M.4	M.5	M.6	M.7	M.8
N	Valid	85	85	85	85	85	85	85	85
	Missing	0	0	0	0	0	0	0	0

Frequency Table

M.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	18	21.2	21.2	21.2
	TS	17	20.0	20.0	41.2
	N	35	41.2	41.2	82.4
	S	8	9.4	9.4	91.8
	SS	7	8.2	8.2	100.0
	Total	85	100.0	100.0	

M.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	11	12.9	12.9	12.9
	TS	22	25.9	25.9	38.8
	N	42	49.4	49.4	88.2
	S	8	9.4	9.4	97.6
	SS	2	2.4	2.4	100.0
	Total	85	100.0	100.0	

M.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	14	16.5	16.5	16.5
	TS	18	21.2	21.2	37.6
	N	39	45.9	45.9	83.5
	S	12	14.1	14.1	97.6
	SS	2	2.4	2.4	100.0
	Total	85	100.0	100.0	

M.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	7	8.2	8.2	8.2
	TS	17	20.0	20.0	28.2
	N	45	52.9	52.9	81.2
	S	15	17.6	17.6	98.8
	SS	1	1.2	1.2	100.0
	Total	85	100.0	100.0	

M.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	13	15.3	15.3	15.3
	TS	22	25.9	25.9	41.2
	N	36	42.4	42.4	83.5
	S	13	15.3	15.3	98.8
	SS	1	1.2	1.2	100.0
	Total	85	100.0	100.0	

M.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	9	10.6	10.6	10.6
	TS	14	16.5	16.5	27.1
	N	40	47.1	47.1	74.1
	S	19	22.4	22.4	96.5
	SS	3	3.5	3.5	100.0
	Total	85	100.0	100.0	

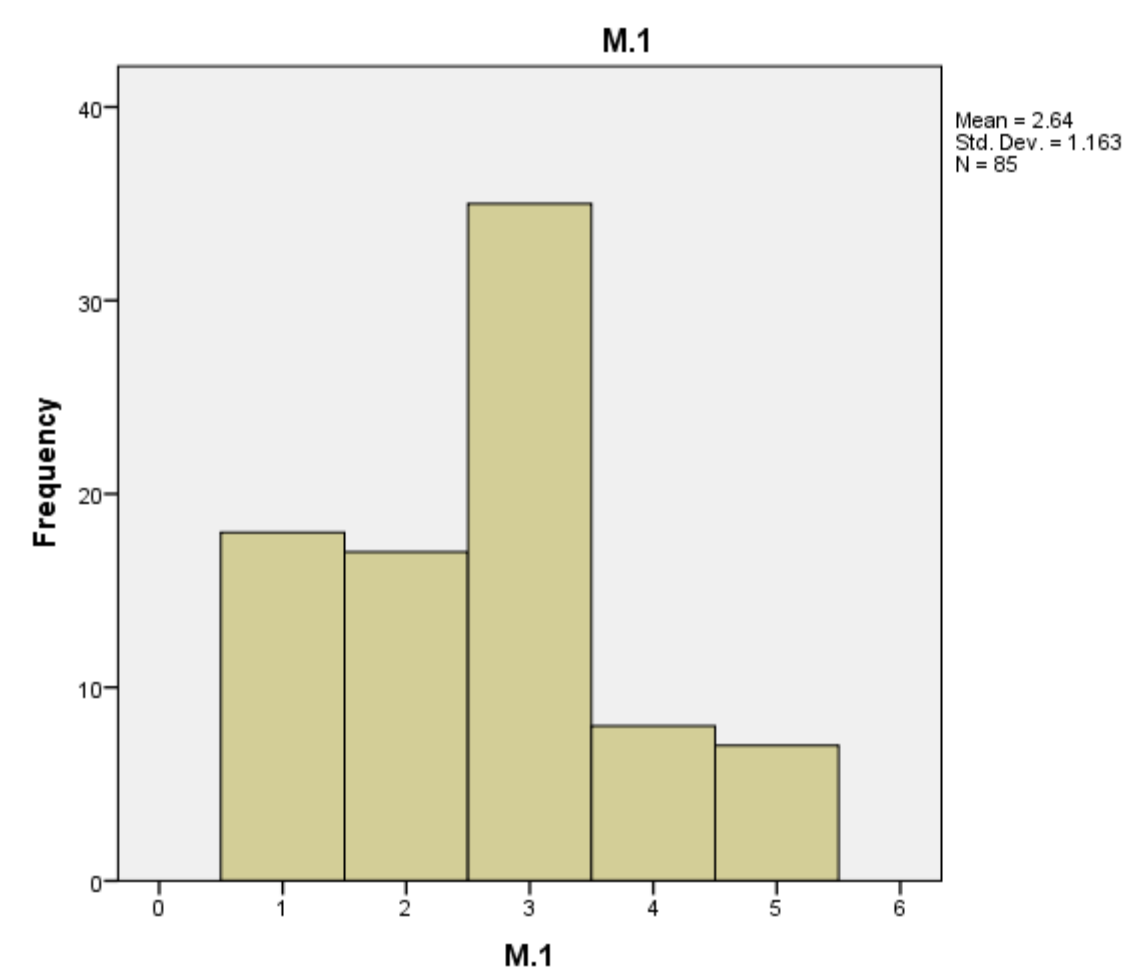
M.7

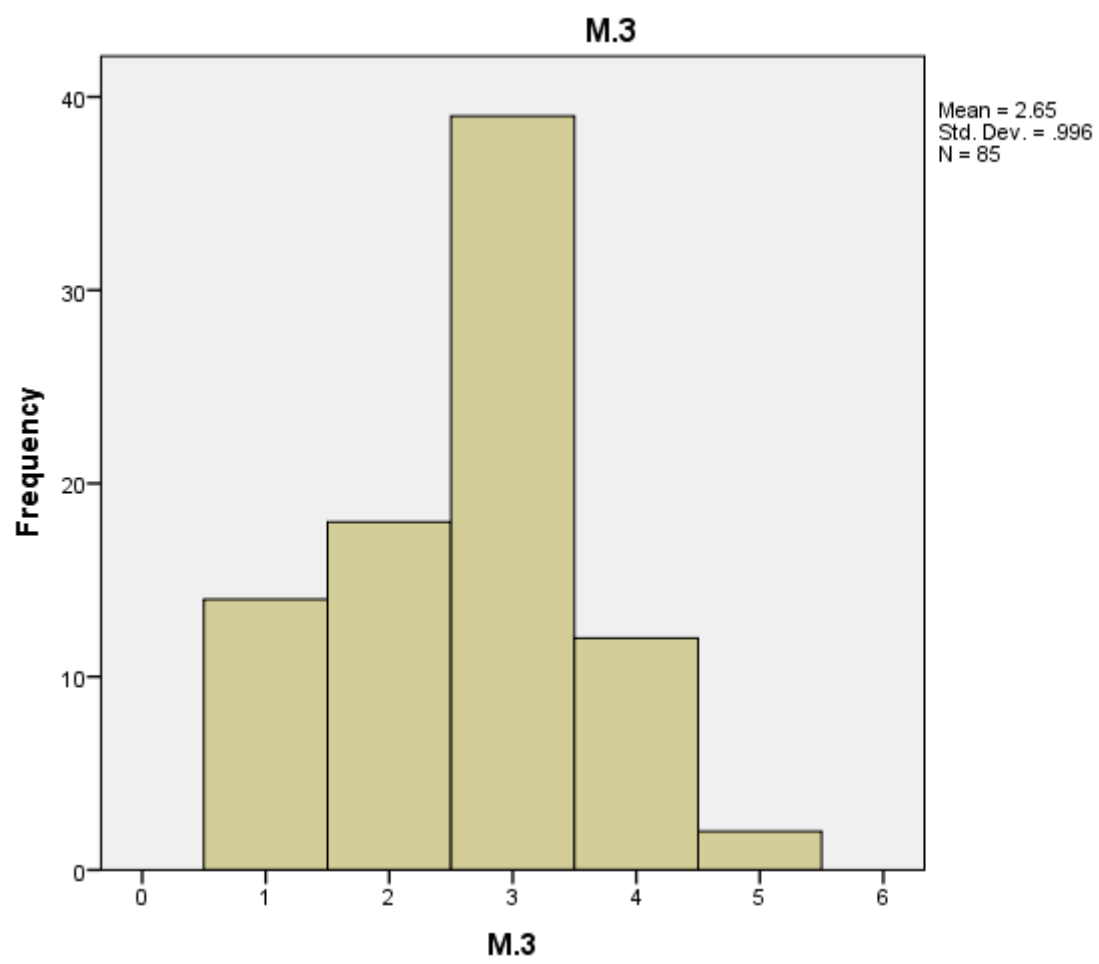
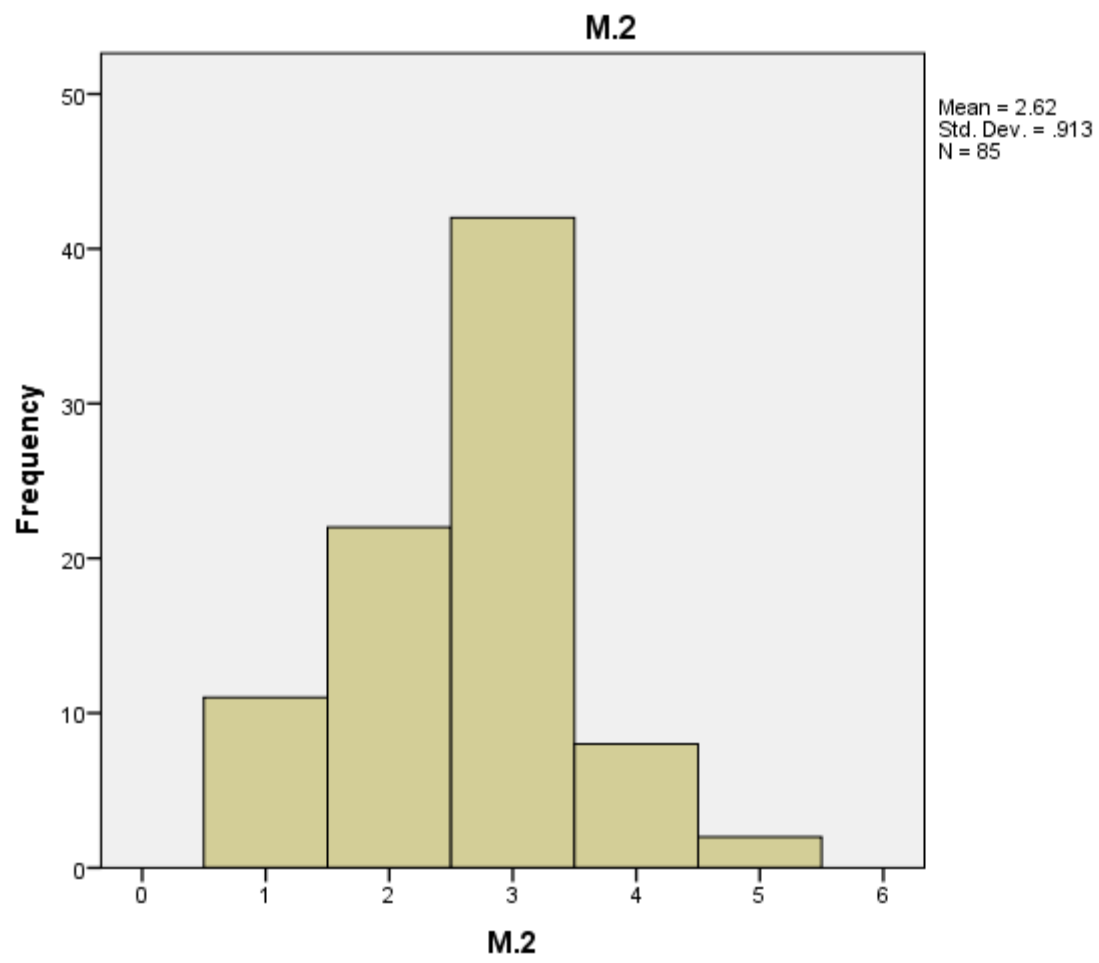
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	9	10.6	10.6	10.6
	TS	13	15.3	15.3	25.9
	N	28	32.9	32.9	58.8
	S	20	23.5	23.5	82.4
	SS	15	17.6	17.6	100.0
	Total	85	100.0	100.0	

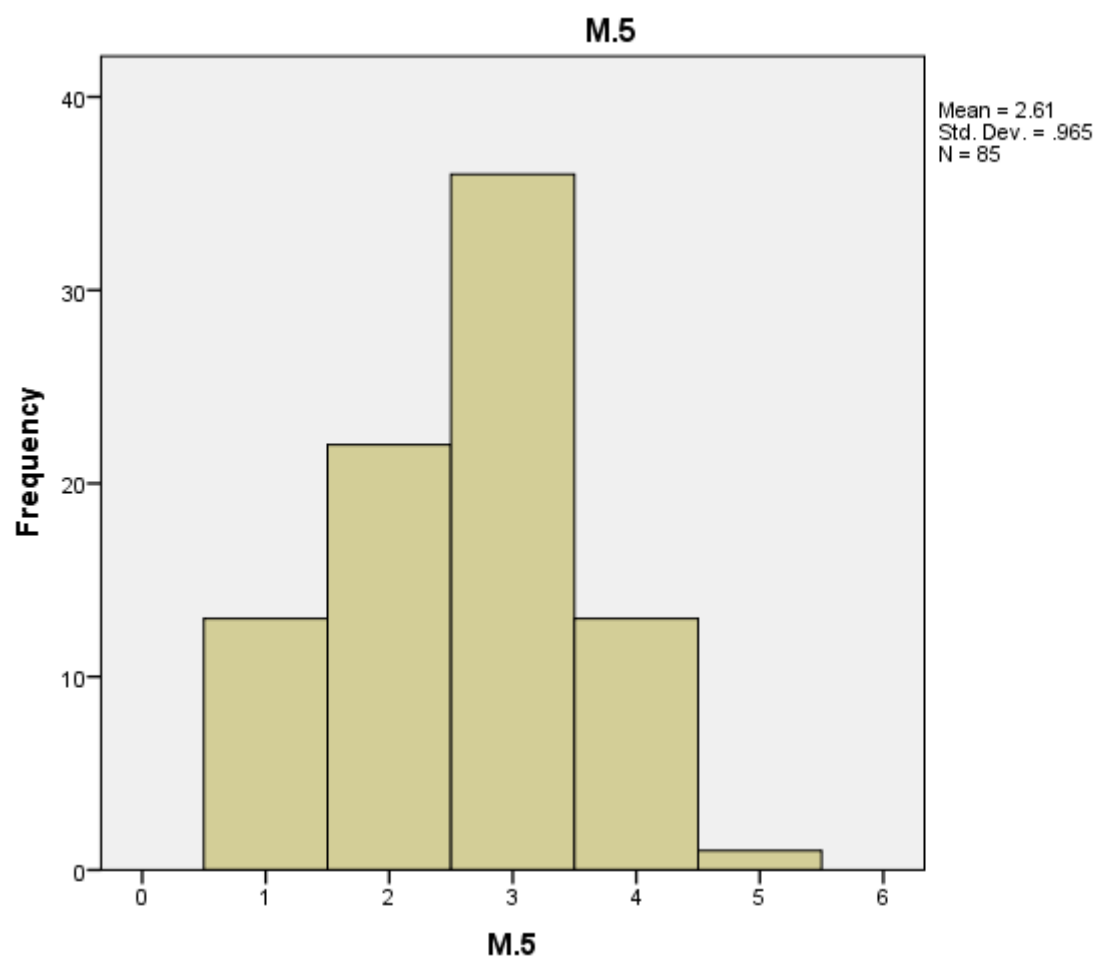
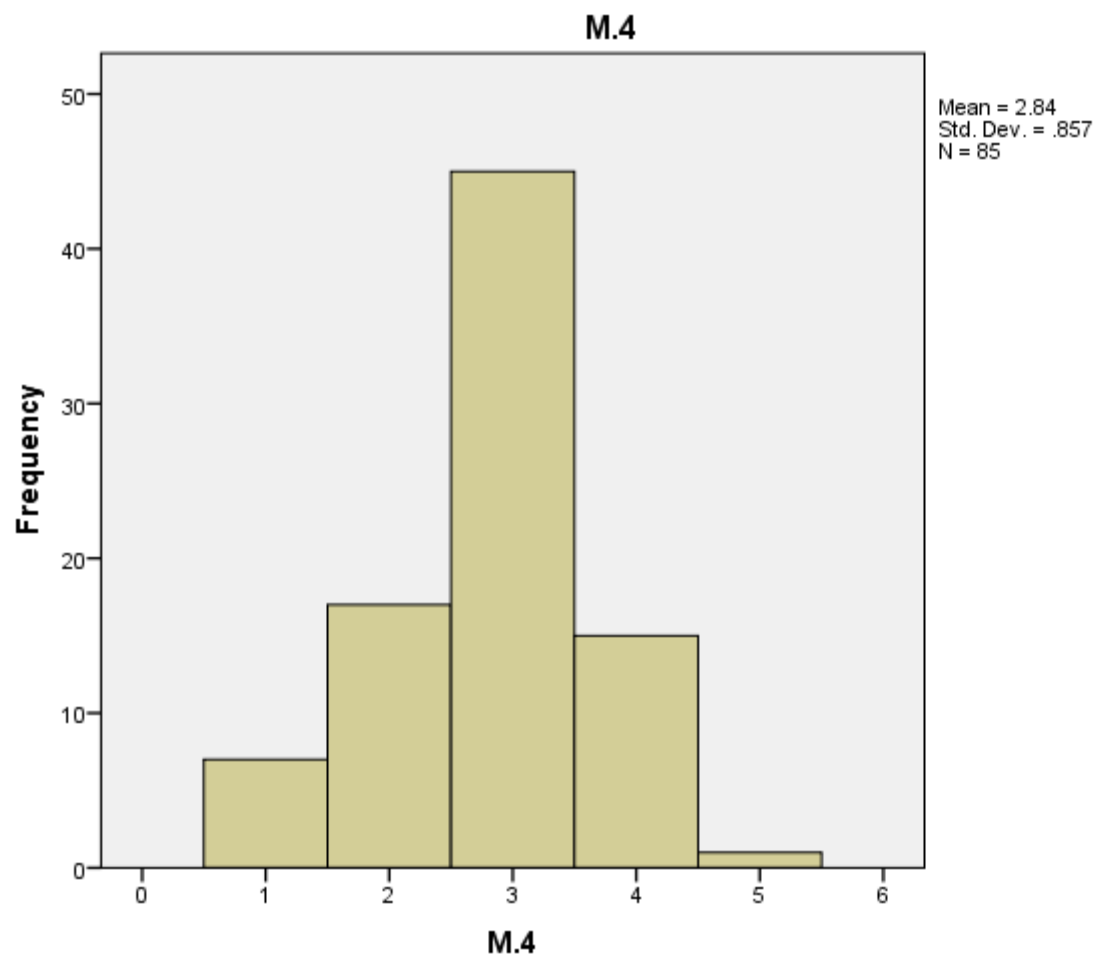
M.8

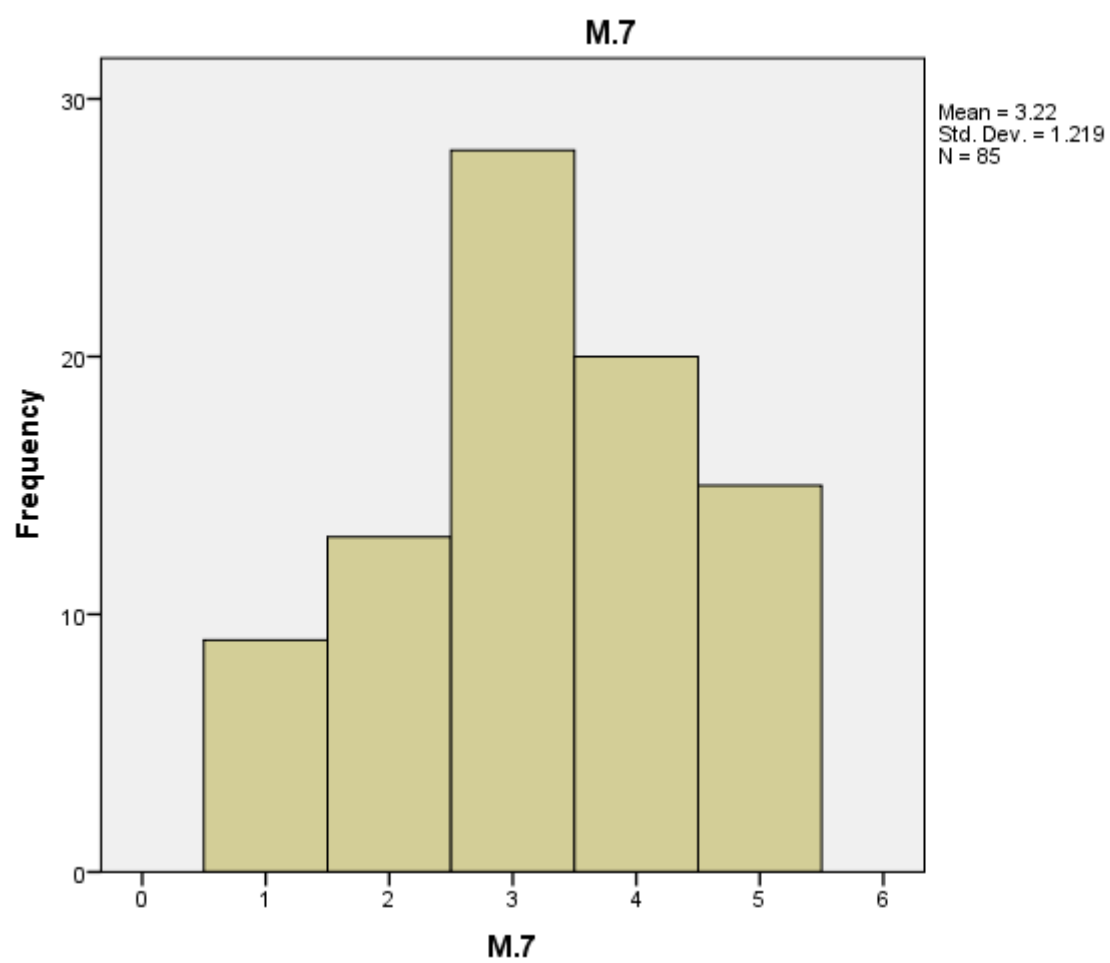
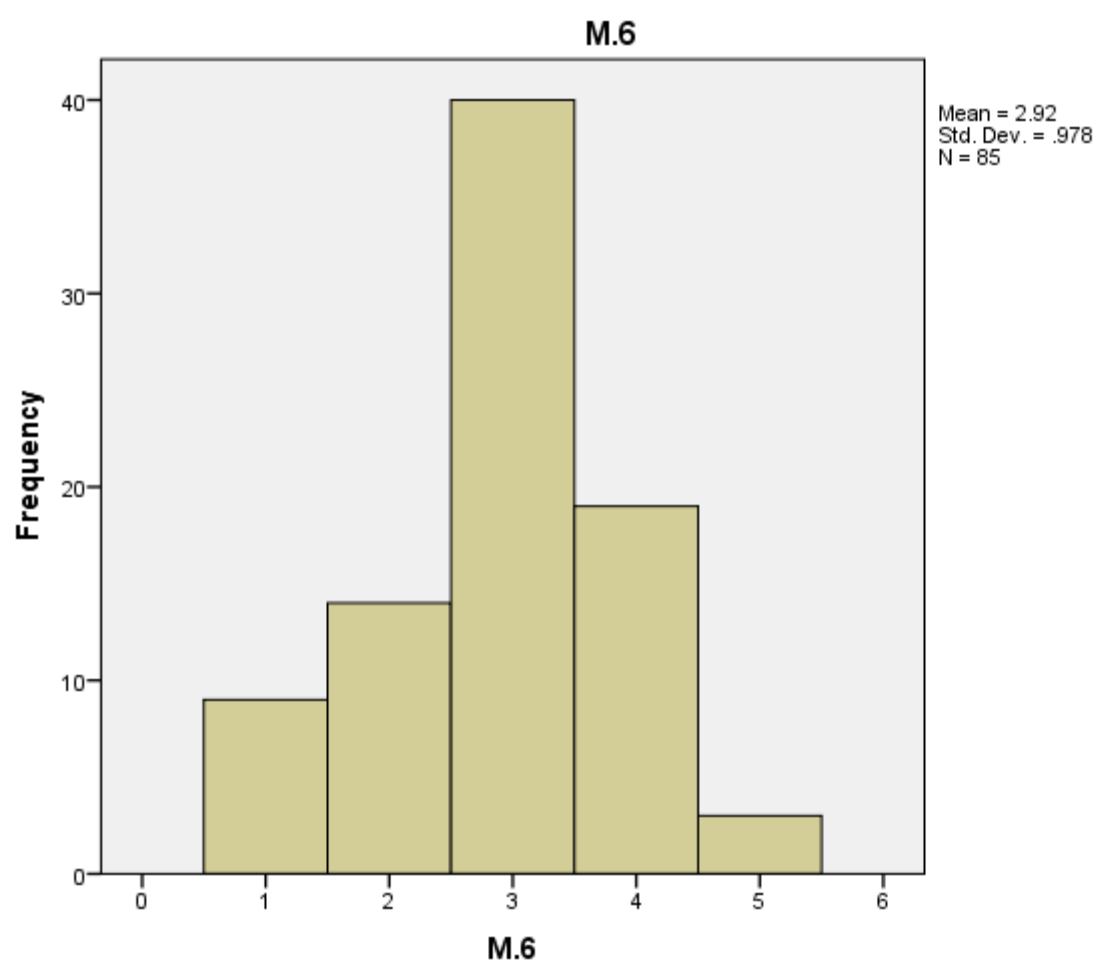
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	8	9.4	9.4	9.4
	TS	15	17.6	17.6	27.1
	N	30	35.3	35.3	62.4
	S	27	31.8	31.8	94.1
	SS	5	5.9	5.9	100.0
	Total	85	100.0	100.0	

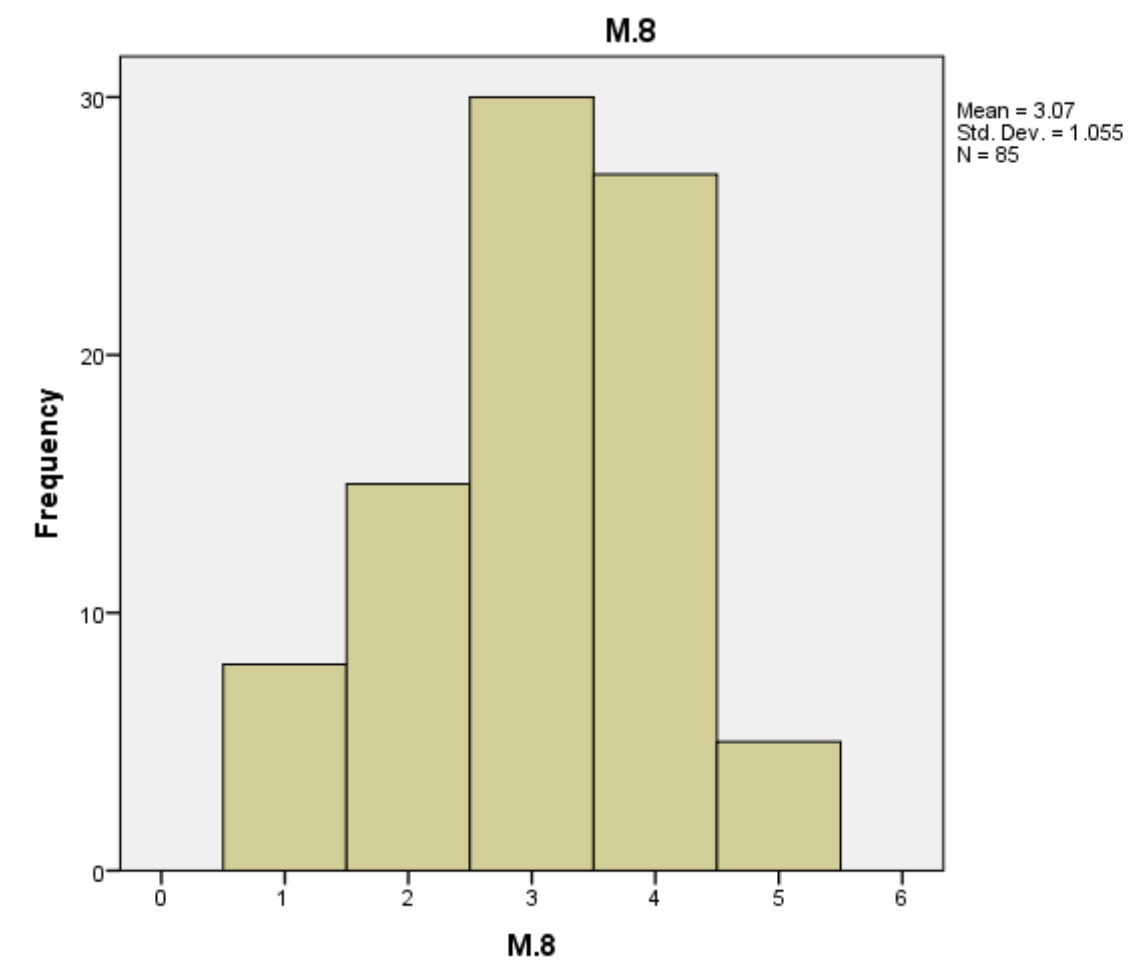
Histogram











**DATA ANALISIS MEAN DAN STANDAR DEVIASI
STEM**

Frequencies

		Statistics							
		STEM.8	STEM.7	STEM.6	STEM.5	STEM.4	STEM.3	STEM.2	STEM.1
N	Valid	85	85	85	85	85	85	85	85
	Missing	0	0	0	0	0	0	0	0

Frequency Table

		STEM.8			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	10	11.8	11.8	11.8
	N	28	32.9	32.9	44.7
	S	32	37.6	37.6	82.4
	SS	15	17.6	17.6	100.0
	Total	85	100.0	100.0	

STEM.7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	6	7.1	7.1	7.1
	TS	12	14.1	14.1	21.2
	N	45	52.9	52.9	74.1
	S	13	15.3	15.3	89.4
	SS	9	10.6	10.6	100.0
	Total	85	100.0	100.0	

STEM.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	TS	7	8.2	8.2	9.4
	N	35	41.2	41.2	50.6
	S	30	35.3	35.3	85.9
	SS	12	14.1	14.1	100.0
	Total	85	100.0	100.0	

STEM.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	TS	3	3.5	3.5	4.7
	N	27	31.8	31.8	36.5
	S	43	50.6	50.6	87.1
	SS	11	12.9	12.9	100.0
	Total	85	100.0	100.0	

STEM.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	1.2	1.2	1.2
	N	27	31.8	31.8	32.9
	S	40	47.1	47.1	80.0
	SS	17	20.0	20.0	100.0
	Total	85	100.0	100.0	

STEM.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1.2	1.2	1.2
	TS	1	1.2	1.2	2.4
	N	15	17.6	17.6	20.0

S	38	44.7	44.7	64.7
SS	30	35.3	35.3	100.0
Total	85	100.0	100.0	

STEM.2

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid STS	1	1.2	1.2	1.2
TS	1	1.2	1.2	2.4
N	37	43.5	43.5	45.9
S	26	30.6	30.6	76.5
SS	20	23.5	23.5	100.0
Total	85	100.0	100.0	

STEM.1

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid TS	1	1.2	1.2	1.2
N	24	28.2	28.2	29.4
S	38	44.7	44.7	74.1
SS	22	25.9	25.9	100.0
Total	85	100.0	100.0	

Histogram

