

LAMPIRAN

Lampiran: 1 Hasil pengumpulan data

Pembebanan 0kg (Tanpa Beban)				Pembebanan Penuh 70kg		
No	Torsi (N,m)	Daya (HP)	Dod (%)	Torsi N,m)	Daya (HP)	Dod (%)
	Y1	Y2	Y3	Y1	Y2	Y3
1	0,25	0,1	50,0	0,51	0,1	60,0
2	0,44	0,2	53,3	0,31	0,1	60,0
3	0,64	0,2	56,7	0,12	0,1	56,7
4	0,62	0,2	53,3	0,12	0,1	56,7
5	0,46	0,2	56,7	0,36	0,1	60,0
6	0,46	0,2	53,3	0,82	0,3	63,3
7	0,56	0,2	53,3	0,33	0,1	60,0
8	0,37	0,2	53,3	0,68	0,2	63,3
9	0,60	0,1	56,7	0,30	0,1	60,0
10	0,66	0,2	53,3	0,36	0,1	60,0
11	0,36	0,1	53,3	0,17	0,1	56,7
12	0,38	0,1	50,0	0,41	0,1	60,0
13	0,44	0,2	56,7	0,23	0,1	56,7
14	0,46	0,2	53,3	0,17	0,1	56,7
15	0,36	0,1	50,0	0,57	0,1	63,3

Lampiran: 2 Hasil analisis Deskriptif Pembebanan 0 KG

Deskripsi

Statistics

		torsi	daya	dod
N	Valid	15	15	15
	Missing	0	0	0
Mean		.4707	.1667	53.5467
Median		.4600	.2000	53.3000
Mode		.46	.20	53.30
Std. Deviation		.12109	.04880	2.36035
Variance		.015	.002	5.571
Range		.41	.10	6.70
Minimum		.25	.10	50.00
Maximum		.66	.20	56.70
Sum		7.06	2.50	803.20

Torsi 0 Kg

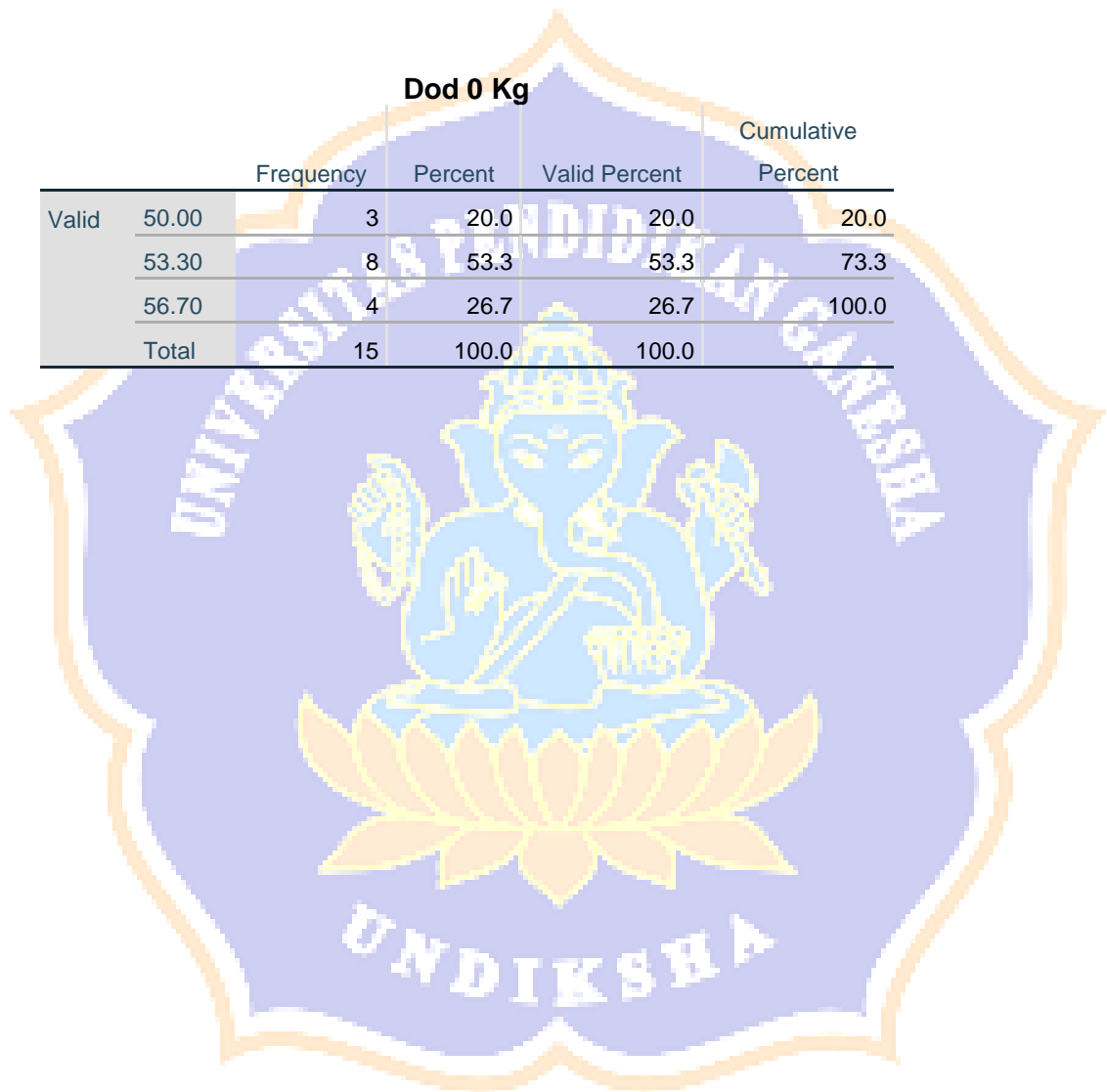
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.25	1	6.7	6.7	6.7
	.36	2	13.3	13.3	20.0
	.37	1	6.7	6.7	26.7
	.38	1	6.7	6.7	33.3
	.44	2	13.3	13.3	46.7
	.46	3	20.0	20.0	66.7
	.56	1	6.7	6.7	73.3
	.60	1	6.7	6.7	80.0
	.62	1	6.7	6.7	86.7
	.64	1	6.7	6.7	93.3
	.66	1	6.7	6.7	100.0
	Total	15	100.0	100.0	

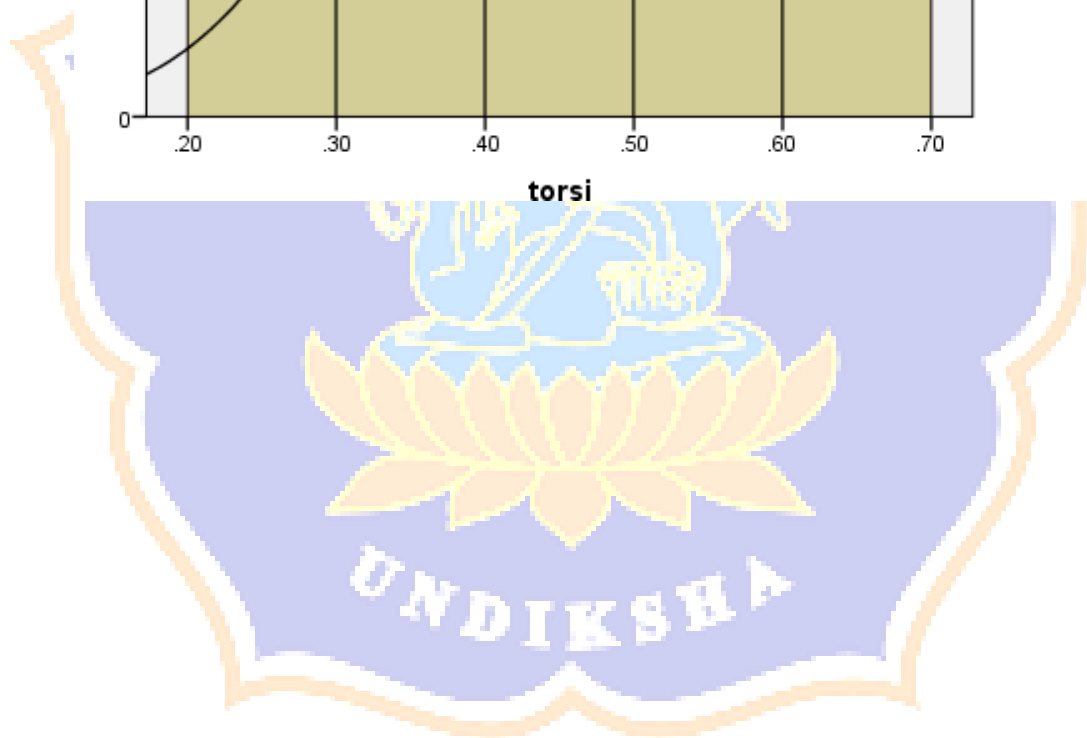
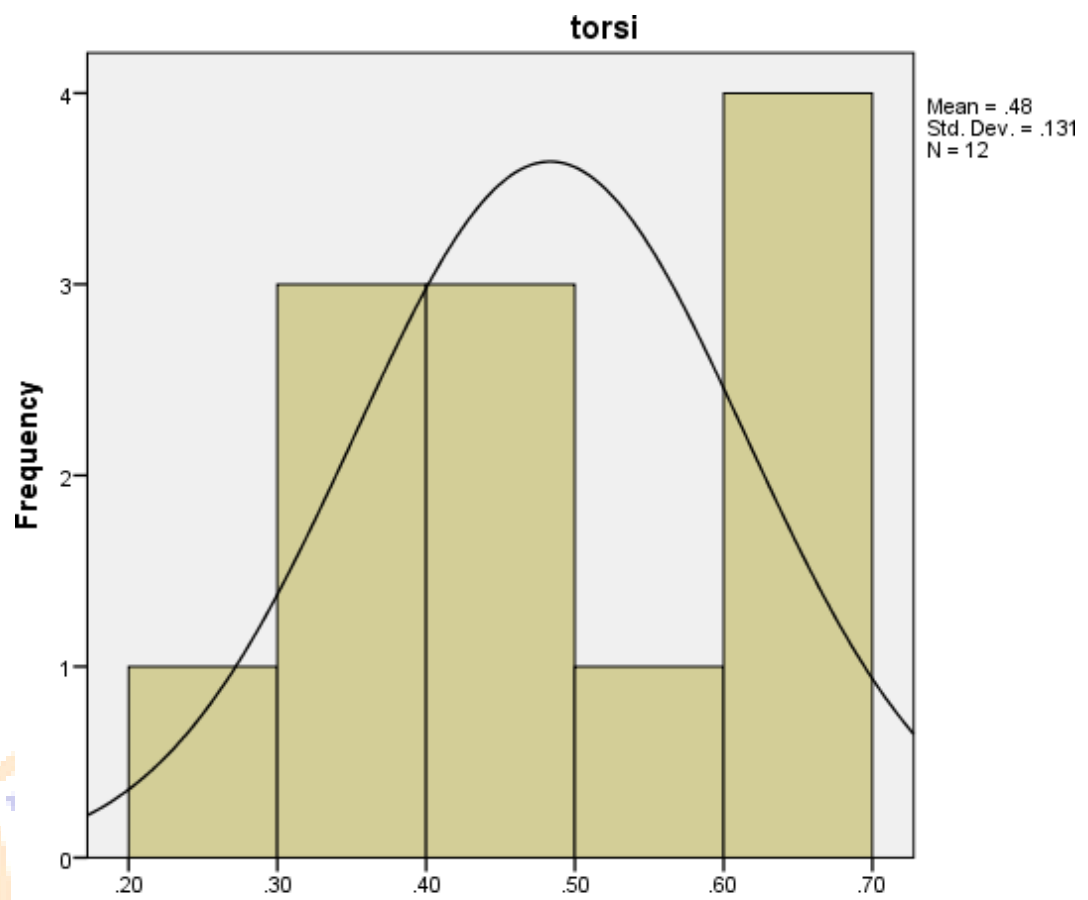
Daya 0 Kg

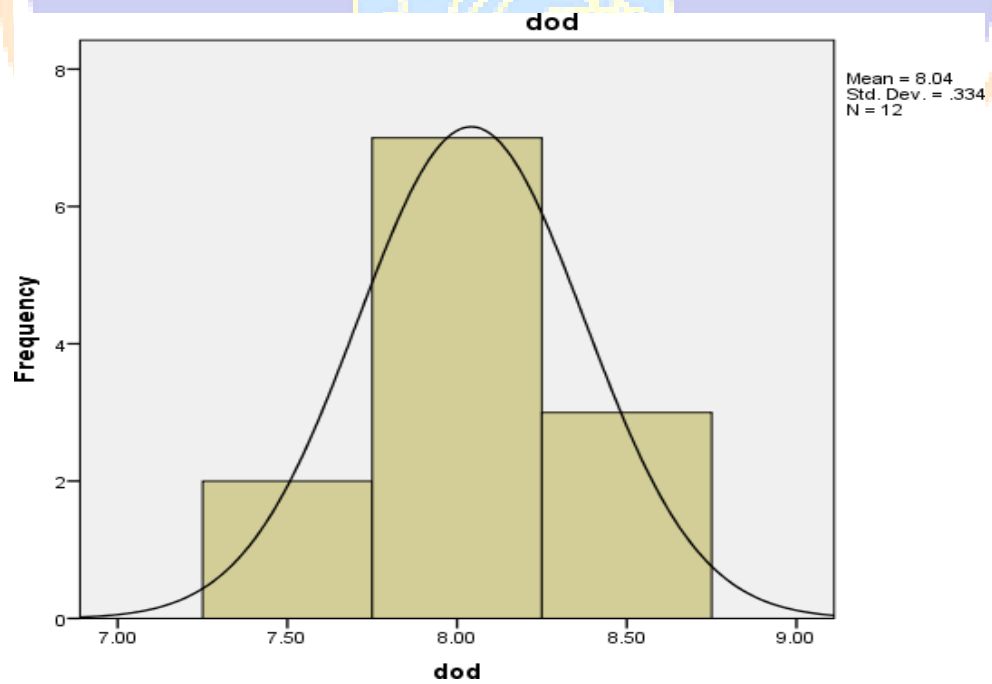
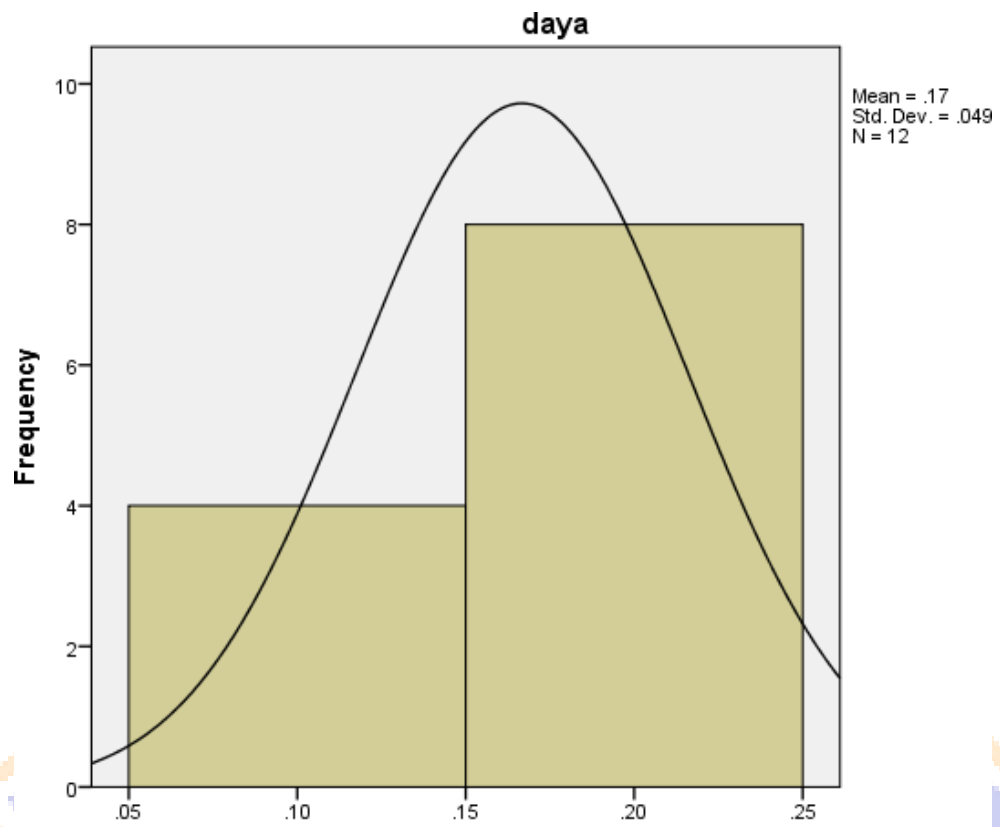
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.10	5	33.3	33.3	33.3
	.20	10	66.7	66.7	100.0
	Total	15	100.0	100.0	

Dod 0 Kg

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	50.00	3	20.0	20.0	20.0
	53.30	8	53.3	53.3	73.3
	56.70	4	26.7	26.7	100.0
	Total	15	100.0	100.0	







Lampiran:3 Hasil analisis Deskriptif Pembebanan 70 KG

Deskripsi Data

Statistics

		torsi	daya	dod
N	Valid	15	15	15
	Missing	0	0	0
Mean		.3640	.1200	59.5600
Median		.3300	.1000	60.0000
Mode		.12 ^a	.10	60.00
Std. Deviation		.20601	.05606	2.45264
Variance		.042	.003	6.015
Range		.70	.20	6.60
Minimum		.12	.10	56.70
Maximum		.82	.30	63.30
Sum		5.46	1.80	893.40

a. Multiple modes exist. The smallest value is shown

Torsi Pembebanan 70 Kg

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.12	2	13.3	13.3	13.3
	.17	2	13.3	13.3	26.7
	.23	1	6.7	6.7	33.3
	.30	1	6.7	6.7	40.0
	.31	1	6.7	6.7	46.7
	.33	1	6.7	6.7	53.3
	.36	2	13.3	13.3	66.7
	.41	1	6.7	6.7	73.3
	.51	1	6.7	6.7	80.0
	.57	1	6.7	6.7	86.7
	.68	1	6.7	6.7	93.3
	.82	1	6.7	6.7	100.0
	Total	15	100.0	100.0	

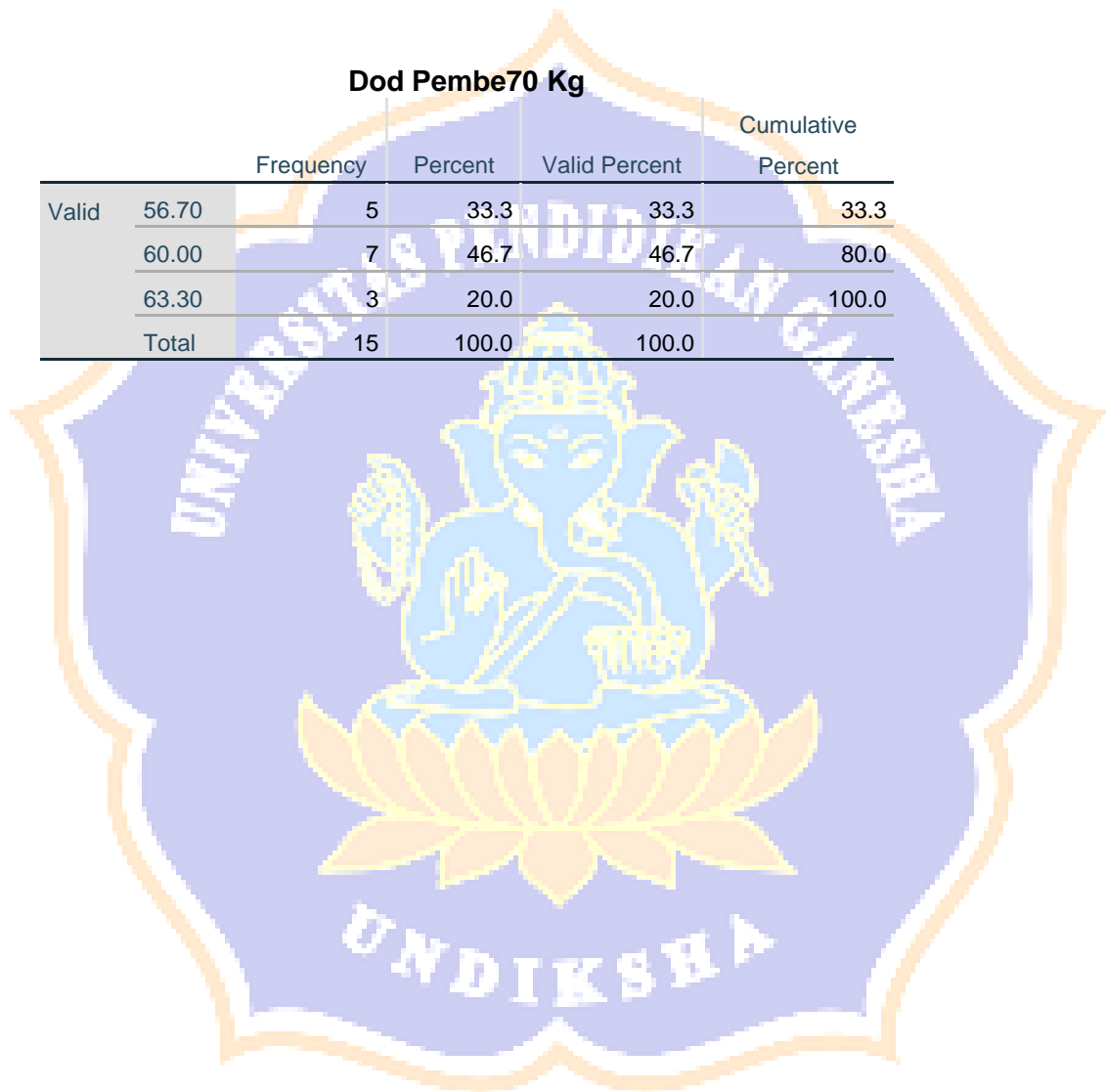
- Gambar diatas adalah tabel analisis Deskriptif Pembebanan 70 kg

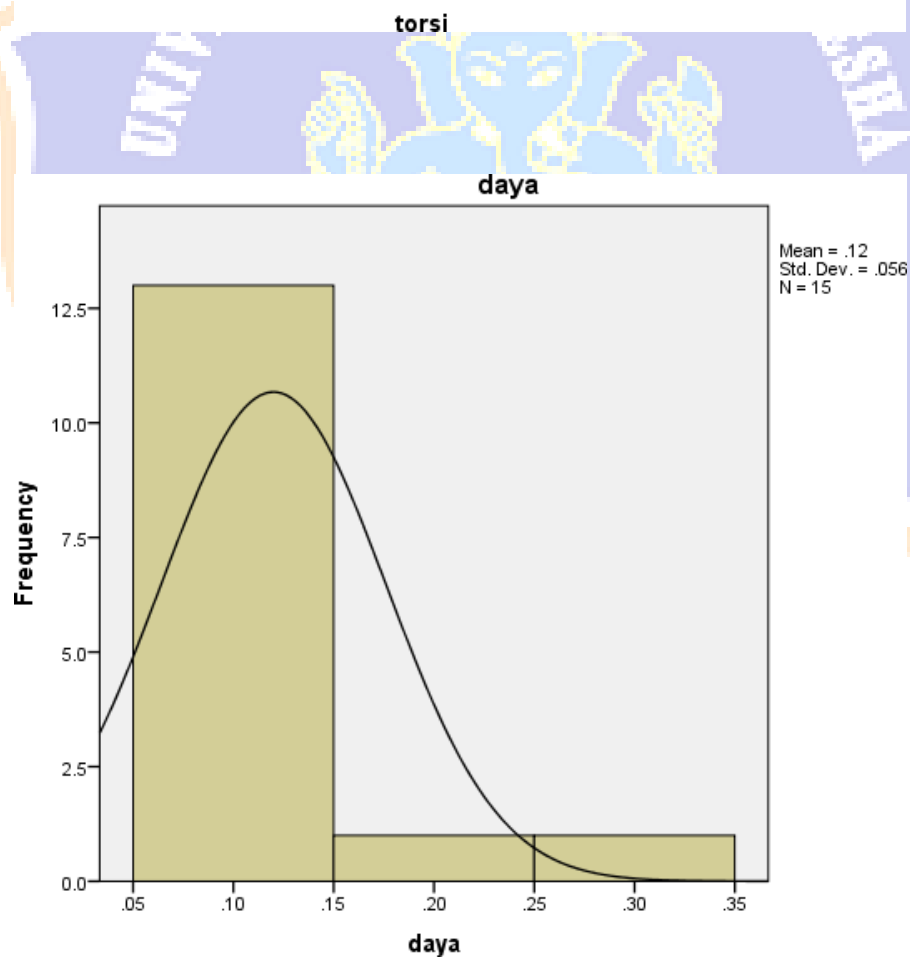
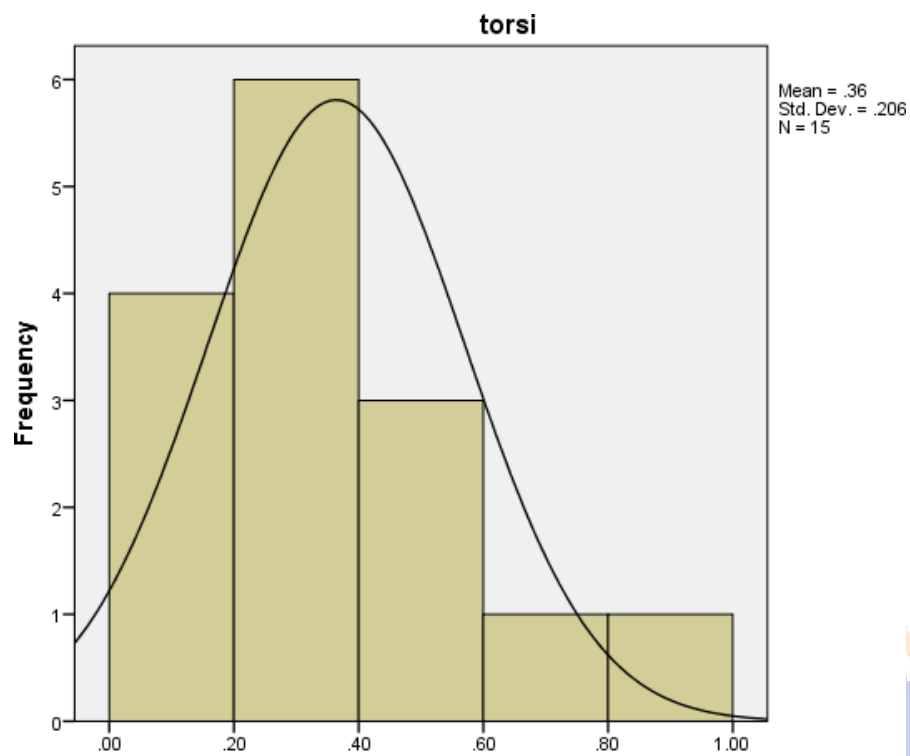
Daya Pembebanan 70 Kg

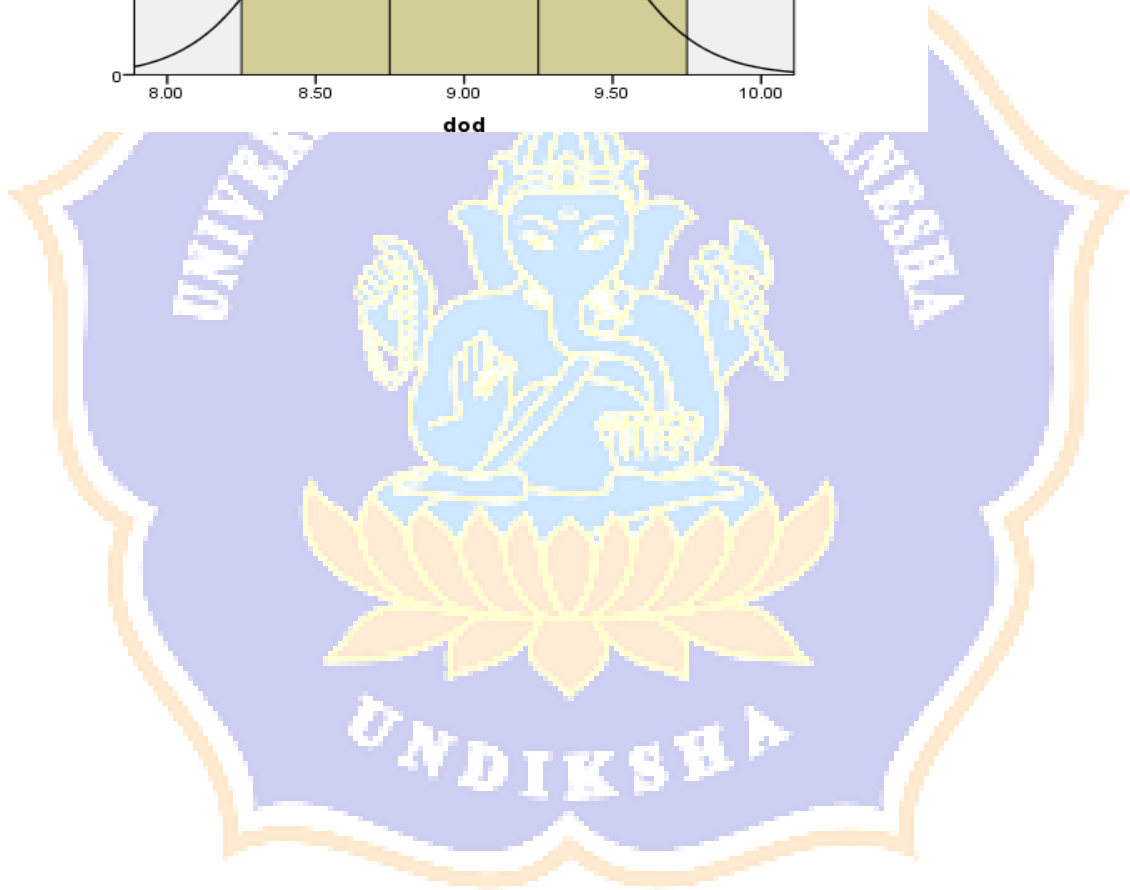
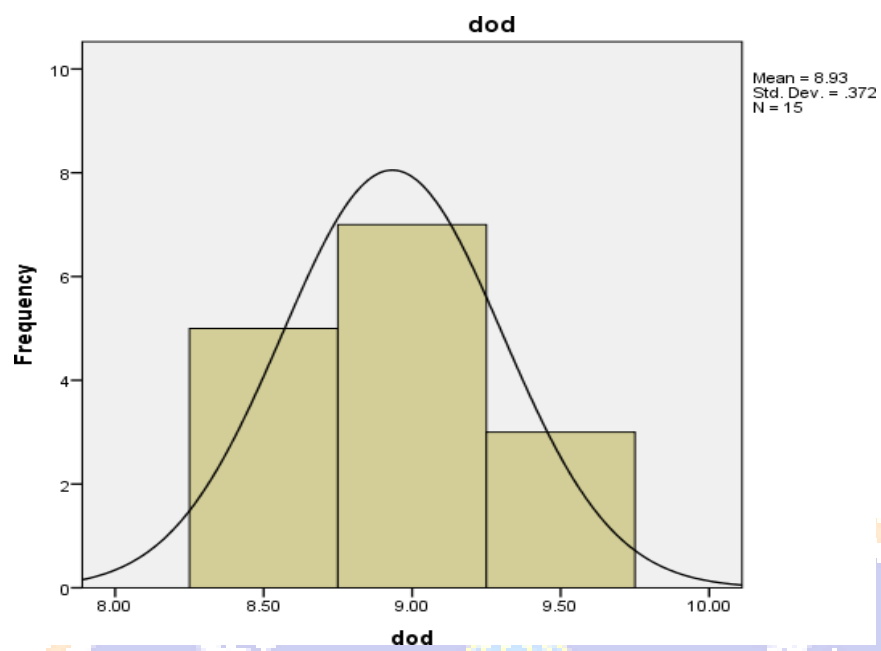
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.10	13	86.7	86.7	86.7
	.20	1	6.7	6.7	93.3
	.30	1	6.7	6.7	100.0
	Total	15	100.0	100.0	

Dod Pembe70 Kg

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	56.70	5	33.3	33.3	33.3
	60.00	7	46.7	46.7	80.0
	63.30	3	20.0	20.0	100.0
	Total	15	100.0	100.0	







Lampiran 4. Hasil analisis Uji Normalitas Sebaran Data dan Homogenitas Varians

TANPA BEBAN (0)

Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
torsi	.154	12	.200*	.938	12	.473
daya	.417	12	.120	.608	12	.320
dod	.300	12	.134	.809	12	.312

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

skor	Levene Statistic	df1	df2	Sig.
	5.376	2	33	.10

Descriptives

skor	95% Confidence Interval for Mean							
	N	Mean	Std. Deviation	Std. Error	Lower Bound	Upper Bound	Minimu m	Maximu m
torsi	12	.4833	.13145	.03795	.3998	.5669	.25	.66
daya	12	.1667	.04924	.01421	.1354	.1980	.10	.20
dod	12	8.0417	.33428	.09650	7.8293	8.2541	7.50	8.50
Total	36	2.8972	3.69719	.61620	1.6463	4.1482	.10	8.50

BEBAN 70

Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
torsi	.174	15	.200*	.924	15	.225
daya	.506	15	.130	.421	15	.213
dod	.238	15	.202	.817	15	.106

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Uji Homogenitas

Test of Homogeneity of Variances

skor

Levene Statistic	df1	df2	Sig.
10.876	2	42	.06

Descriptives

skor

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
torsi	15	.3640	.20601	.05319	.2499	.4781	.12	.82
daya	15	.1200	.05606	.01447	.0890	.1510	.10	.30
dod	15	8.9333	.37161	.09595	8.7275	9.1391	8.50	9.50
Total	45	3.1391	4.15170	.61890	1.8918	4.3864	.10	9.50

Lampiran:5 Hasil Analisis Data dengan Anava Satu Jalur

Uji Anava A Torsi (Beban 0 dengan 70)

Descriptives

		Torsi							
		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Torsi 0 kg		12	.4833	.13145	.03795	.3998	.5669	.25	.66
Torsi 70		15	.3640	.20601	.05319	.2499	.4781	.12	.82
Total		27	.4170	.18389	.03539	.3443	.4898	.12	.82

ANOVA

		Torsi				
		Sum of Squares	df	Mean Square	F	Sig.
Between Groups		.095	1	.095	3.026	.004
Within Groups		.784	25	.031		
Total		.879	26			

Uji Anava A Daya (Beban 0 dengan 70)

Descriptives

		Daya							
		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Daya 0 kg		12	.1667	.04924	.01421	.1354	.1980	.10	.20
Daya 70 kg		15	.1200	.05606	.01447	.0890	.1510	.10	.30
Total		27	.1407	.05724	.01102	.1181	.1634	.10	.30

ANOVA

	Sum of Squares	Daya df	Mean Square	F	Sig.
Between Groups	.015	1	.015	5.136	.000
Within Groups	.071	25	.003		
Total	.085	26			

Uji Anava A Dod (Beban 0 dengan 70)**Descriptives**

	N	Mean	Std. Deviation	Std. Error	Lower Bound	Upper Bound	Minimu m	Maximu m
Dod 0 kg	12	8.0417	.33428	.09650	7.8293	8.2541	7.50	8.50
Dod 70 kg	15	8.9333	.37161	.09595	8.7275	9.1391	8.50	9.50
Total	27	8.5370	.57052	.10980	8.3113	8.7627	7.50	9.50

ANOVA

	Sum of Squares	Daya df	Mean Square	F	Sig.
Between Groups	5.300	1	5.300	41.901	.000
Within Groups	3.163	25	.127		
Total	8.463	26			

Lampiran:6 Foto Pengembangan Prototipe *Scooter Portable* dan Pengujian
Dynotes







UNDIKSHA





















