

Lampiran 23

Hasil Analisis Normalitas dan Homogenitas

a. Uji Normalitas Model Mental

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Pretes_MMKE	34	14,1176	5,48145	6,00	24,00
Postes_MMKE	34	52,4706	15,54706	24,00	86,00
Pretes_MMKK	34	15,7647	5,75804	6,00	24,00
Postes_MMKK	34	45,4118	11,73990	12,00	72,00

One-Sample Kolmogorov-Smirnov Test

		Pretes_MMKE	Postes_MMKE	Pretes_MMKK	Postes_MMKK
N		34	34	34	34
Normal	Mean	14,1176	52,4706	15,7647	45,4118
Parameters ^{a,b}	Std. Deviation	5,48145	15,54706	5,75804	11,73990
Most Extreme Differences	Absolute	,274	,103	,181	,148
	Positive	,274	,103	,165	,148
	Negative	-,182	-,064	-,181	-,146
Kolmogorov-Smirnov Z		1,212	,598	1,054	,863
Asymp. Sig. (2-tailed)		,106	,866	,217	,445

a. Test distribution is Normal

b. Calculated from data

b. Uji Normalitas Data Penguasaan Konsep

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Pretes_PKKE	34	25,7059	10,96421	7,00	47,00
Postes_PKKE	34	61,1471	20,68689	13,00	93,00
Pretes_PKKK	34	28,2941	11,09062	7,00	47,00
Postes_PKKK	34	51,8529	15,30326	13,00	80,00

One-Sample Kolmogorov-Smirnov Test

		Pretes_PKKE	Postes_PKKE	Pretes_PKKK	Postes_PKKK
N		34	34	34	34
Normal Parameters ^{a,b}	Mean	25,7059	61,1471	28,2941	51,8529
	Std. Deviation	10,96421	20,68689	11,09062	15,30326
Most Extreme Differences	Absolute	,135	,158	,253	,148
	Positive	,129	,094	,155	,097
	Negative	-,135	-,158	-,253	-,148
Kolmogorov-Smirnov Z		,788	,920	,948	,863
Asymp. Sig. (2-tailed)		,563	,365	,330	,450

a. Test distribution is Normal

b. Calculated from data

c. Uji Homogenitas Data Model Mental

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Pre_MM	,001	1	66	,982
Pos_MM	2,215	1	66	,143

d. Uji Homogenitas Data penguasaan Konsep

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Pre_PK	,448	1	66	,506
Pos_PK	5,749	1	66	,019