

Uji Normalitas dengan menggunakan:

1. Kertas Peluang
2. Chi kuadrat
3. QQ Plot
4. Lilifors (Non Parametrik)

Contoh Soal:

Dari data dibawah ini

3.97 4.68 5.08 5.14 4.76 4.12 5.47 5.04 6.02 6.21
4.42 5.44 4.15 5.49 5.67 3.79 5.13 3.80 5.89 4.22

Disajikan dalam bentuk tabel (Hasil pengamatan $(y_{(i)})$, p_i dan $Q_{(p_i)}$) sbb:

Urutan	$y_{(i)}$	p_i $(i - 0.5) / n$	$Q_{(p_i)}$
1	3.790	0.025	-1.960
2	3.800	0.075	-1.440
3	3.970	0.125	-1.150
4	4.120	0.175	-0.935
5	4.150	0.225	-0.755
6	4.220	0.275	-0.600
7	4.420	0.325	-0.455
8	4.680	0.375	-0.320
9	4.760	0.425	-0.190
10	5.040	0.475	-0.065
11	5.080	0.525	0.065
12	5.130	0.575	0.190
13	5.140	0.625	0.320
14	5.440	0.675	0.455
15	5.470	0.725	0.600
16	5.490	0.775	0.755
17	5.670	0.825	0.935
18	5.890	0.875	1.150
19	6.020	0.925	1.440
20	6.210	0.975	1.960

Uji Normalitas dengan:

Chi- Kuadrat

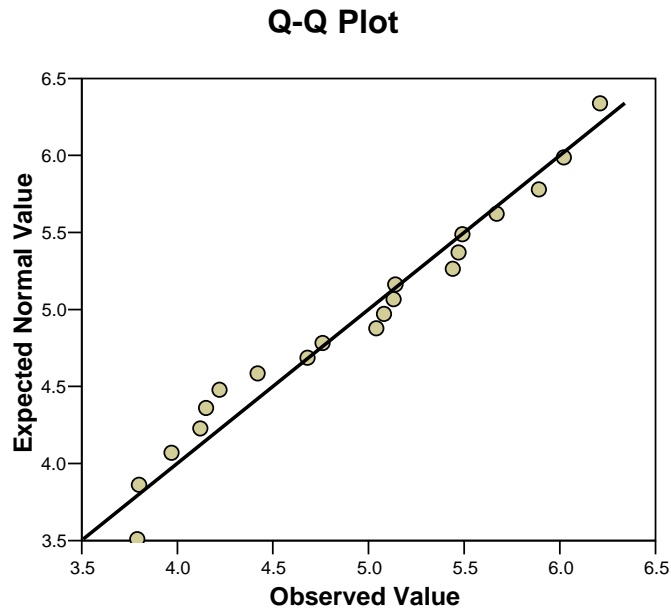
y	Observed N	Expected N	Residual
3,79	1	1,0	,0
3,80	1	1,0	,0
3,97	1	1,0	,0
4,12	1	1,0	,0
4,15	1	1,0	,0
4,22	1	1,0	,0
4,42	1	1,0	,0
4,68	1	1,0	,0
4,76	1	1,0	,0
5,04	1	1,0	,0
5,08	1	1,0	,0
5,13	1	1,0	,0
5,14	1	1,0	,0
5,44	1	1,0	,0
5,47	1	1,0	,0
5,49	1	1,0	,0
5,67	1	1,0	,0
5,89	1	1,0	,0
6,02	1	1,0	,0
6,21	1	1,0	,0
Total	20		

Test Statistics

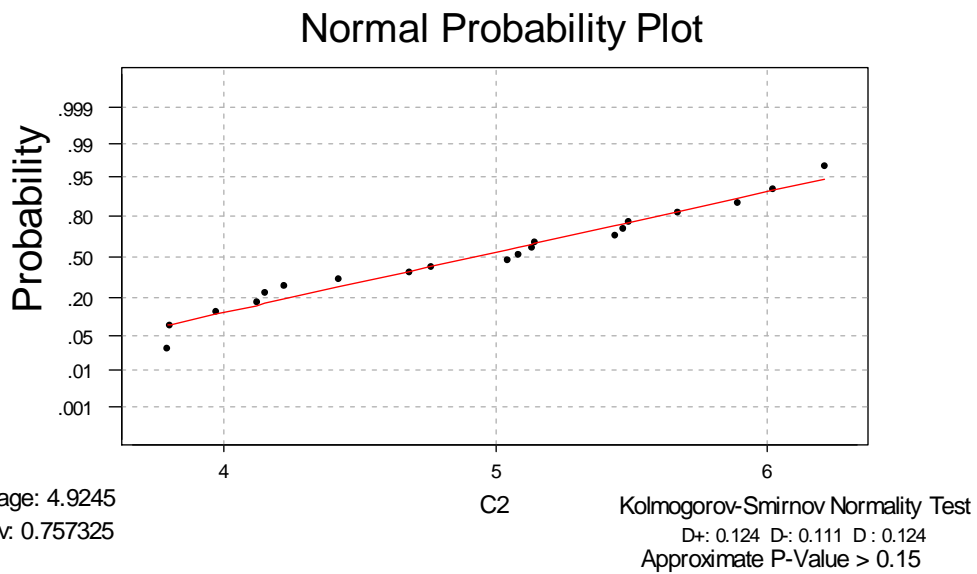
	y
Chi-Square(a)	0,000
df	19
Asymp. Sig.	1,000

a. 20 cells (100,0%) have expected frequencies less than 5.
The minimum expected cell frequency is 1,0.

Q-Q Plot



Lilifors



Kertas Peluang

