

## Tabel Homogenitas Dengan Uji Bartlet

Kelompok	dk	1/dk	S <sup>2</sup> <sub>1</sub>	Log S <sup>2</sup> <sub>1</sub>	dk. S <sup>2</sup> <sub>1</sub>	dk. Log S <sup>2</sup> <sub>1</sub>
X	14	0,071	27,21	1,435	380,94	20,09
Y	14	0,071	10,10	1,004	141,40	14,06
<b>Jumlah</b>	<b>28</b>	<b>0,142857</b>	<b>37,31</b>	<b>2,43905</b>	<b>522,34</b>	<b>34,1467</b>

- 1 S<sup>2</sup> gab =  $\sum(\text{dk. } S^2_1) / \sum \text{dk}$   
 = 522,34 / 28  
 = 18,655
- 2 log S<sup>2</sup> = Log 18,655  
 = 1,27
- 3 Harga b =  $\sum \text{dk} \cdot \text{Log } S^2$   
 = 28            1,27  
 = 35,56
- 4 Hitung  $\chi^2$  =  $(\ln 10)\{b - (\sum \text{dk. Log } S^2)\}$   
 = 2.303 x (35,56 - 34,146)  
 = 2,30            1,413  
 = 3,255
- 5 Hitung  $\chi^2$   
 tabel = 3,84  
 (0,95;k-1=1)
- 6 Kesimpulan  
 Karena  $\chi^2$  hitung <  $\chi^2$  tabel = 3,25 < 3.84,  
 maka kedua varians **homogen**