Nama: Andri Firman Saputra Date NIM: 201011402125 Statistik Lanjut Pemahaman Jan review TU995 INTERVAL Udilah data di bawah ini apakah berdistribusi normal atau tidak xi^2 fi.xi2 Nilais x: FI fi.xi 2970,25 54,5 505.345,5 1.199 50 - 59 22 64,5 4160,25 66.564 60-69 16 1032 521,5 38851,75 74,5 70-79 5550,25 14.280,5 80-89 169 84,5 740,25 1 8 43 208, 625 3 9 4,5 8930,25 283,5 90-99 50 1468,950,375 JUMIAN 3.205 n=50 0850 0-158,966,05 I fisci 0800,0 3.205 CFSOIN 64,1 - 4108,81 29.379,015

25.270,205

158,96605

	Tabel f Batas In		7	Pion	Oi	ab Erian	(01-E1)2
×	615 vokela	is now	Leading the Constitutions	apakah	ni :	enwad 16	DINAMI BAKA
	49,5 dan	59,5	-0,09 891-0,02	0,0279	22	1,395	304, 34841
	59,5 Jan	69,5	-0,02 290003	0,004	16	0,2	1248,2
	69,5 dan	79,5	0,03 2900,09	0,0239	7	1,195	28,19918
			0,09 2000,15			1,185	0,560527
	89,5 das	99,5	0,15 Jan 0,22	0,0275	3	1,375	1,92045

$$Z = \frac{2i-7}{50} = \frac{49,5-64,1}{158,96605} = -0.0918435$$
 (bawah)

$$Z = \frac{x_1 - x_2}{50} = \frac{59,5 - 64,1}{158,96605} = -0.028937$$
 (Atas)

$$P_1 = 0.0359$$

$$0.0080 - 0.0279$$

Statistik Lanjot

$$=(22-1,395)^2$$

0239×50

$$Z = 21 - \overline{X} = 59,5 - 64,1 = -0,028$$
 (Bawah)

$$z = xi - x = 69,5 - 64,1 = 0.0339695$$
 (Atas)

$$= \left(\frac{0i - Ei}{Fi} \right)^2$$

$$=\left(\frac{16-0.2}{0.2}\right)^2$$

$$= 1.248,2$$

81661 182

$$Z = \frac{x_1 - \overline{x}}{50} = \frac{69.5 - 64.1}{158,96605} = 0.0339695 (9awan)$$

$$z = xi - x = 79,5 - 64,1 = 0,096876$$
 (1405)

$$= (0i - Ei)^2$$

$$=(7-1,195)^2$$

28/19918

Date

$$z = xi - x = \frac{79.5 - 64.1}{50} = 0.096876 (Bawah)$$

$$Z = xi - x = 89,5 - 64,1 = 0,159783 (Atas)$$

$$= (0i - Ei)^2$$

$$=(2-1,185)^{2}$$

$$2 = x_1 - x = 89,5 - 64,1 = 0,159783$$
 (Bawah)

$$z = \frac{x_1 - x_1}{50} = \frac{99.5 - 64.1}{159.96605} = 0.222689 (A+05)$$

$$= (3 - 1,375)^{2}$$

$$= (3 - 1,375)^{2}$$

Tentouan
$$x^2$$

$$x^2 = \sum_{i=1}^{\infty} \left(\frac{(0i-Ei)^2}{Ei} \right)$$

= 1583,228567

cari x² tabel

 $x^2(\alpha, 3u)$

JK = 5-3

du = 2

d = 5%

x2 tabe 1 = 5,99

Resimpulan

x2 hitung > x2 tabel, Hiditerima

1583, 228567 > 5,99, H. diterima

Data tidau berdistribusi normal