

Nama : Ocvi Nurintan Lubis

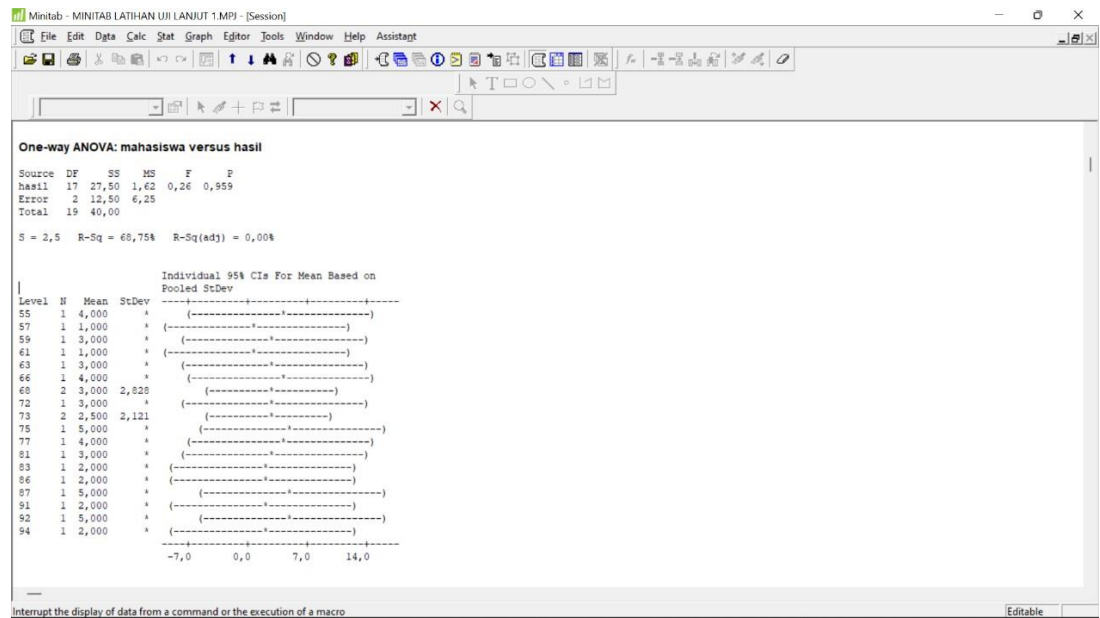
NPM : 2114201023

Program Studi : Sumberdaya Akuatik

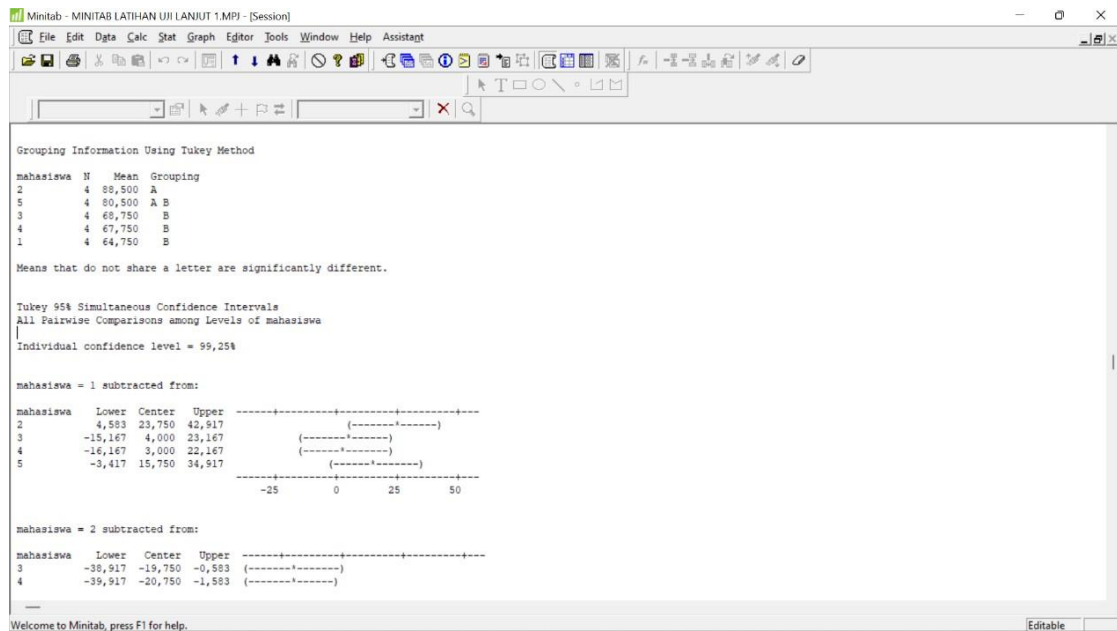
Statistika Dasar (Uji Lanjut)

Tugas 1

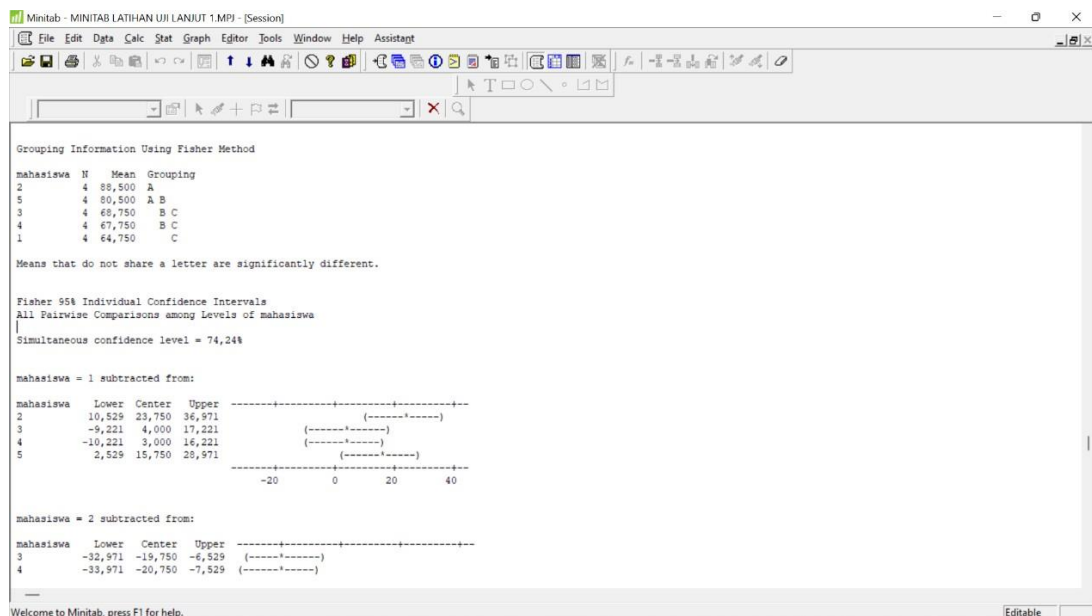
Mahasiswa	Matematika	Statistika	Limnologi	MKA
Andi	68	57	73	61
Rina	83	94	91	86
Budi	72	81	63	59
Siska	55	73	77	66
Dina	92	68	75	87



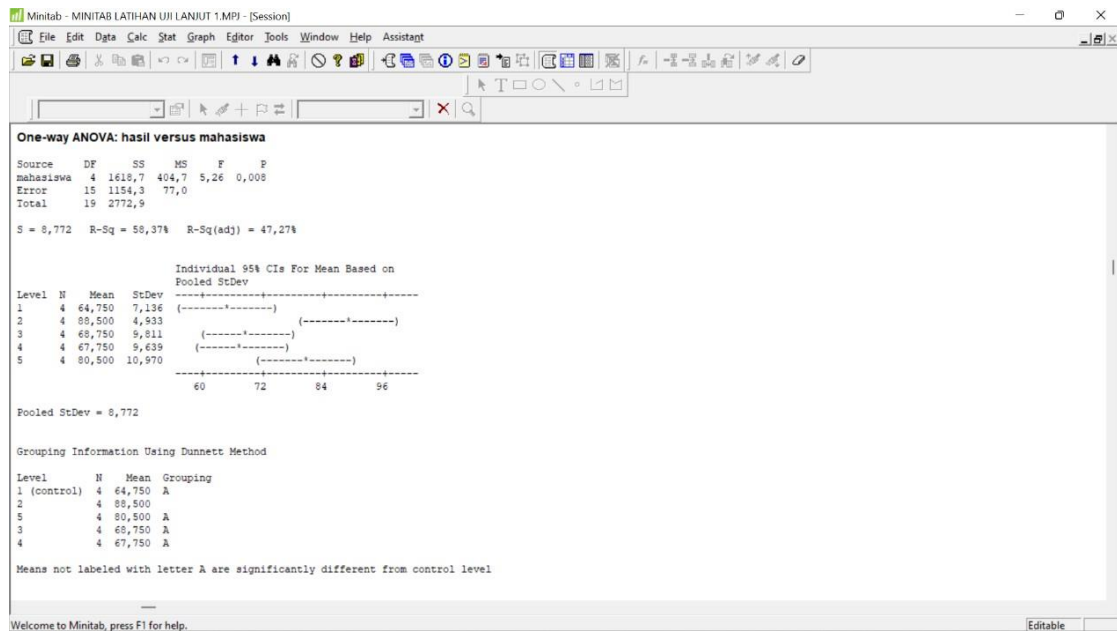
Tukey Method



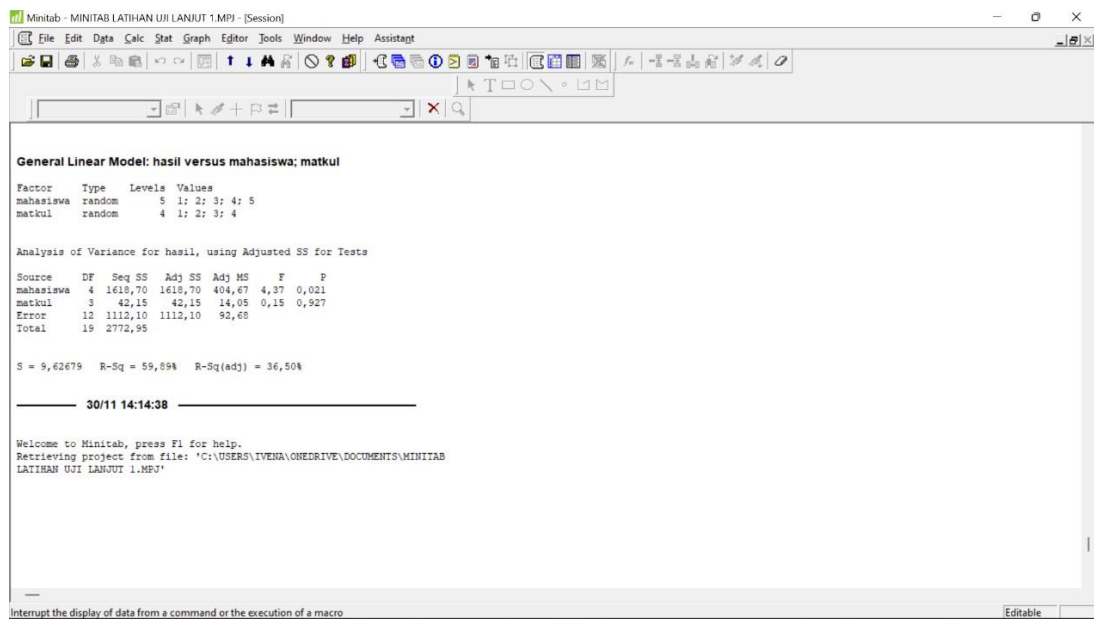
Fisher Methods



Dunnet Method



General Linear Model



Hipotesis :

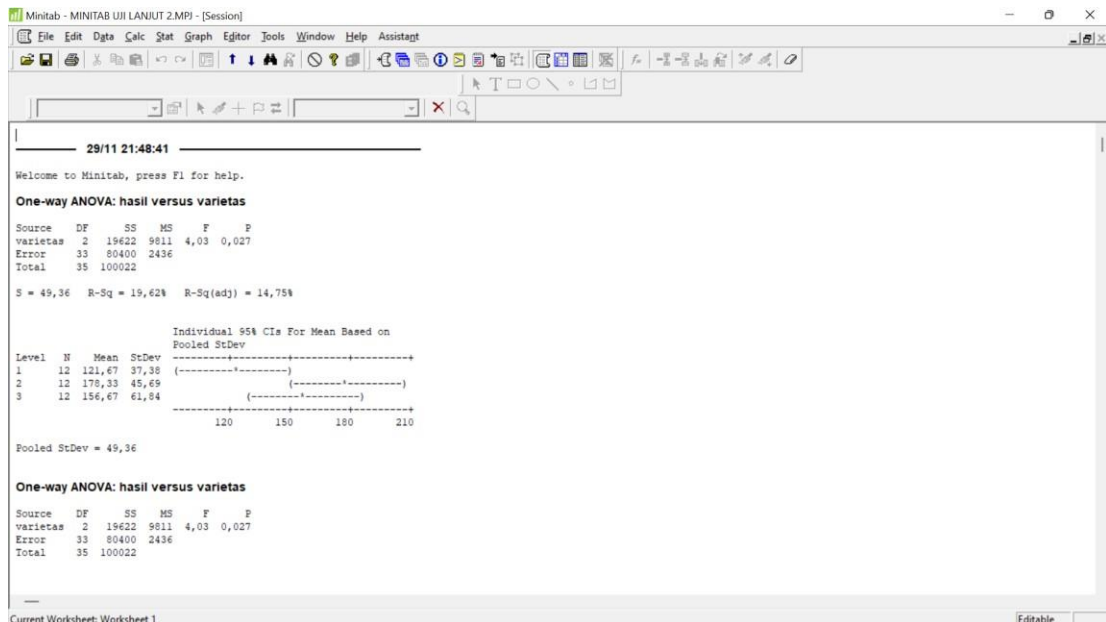
H₀ : Residual berdistribusi normal

H₁ : Residual tidak berdistribusi normal $P < \alpha \rightarrow \text{Tolak } H_0$ $0,008 < 0,05$

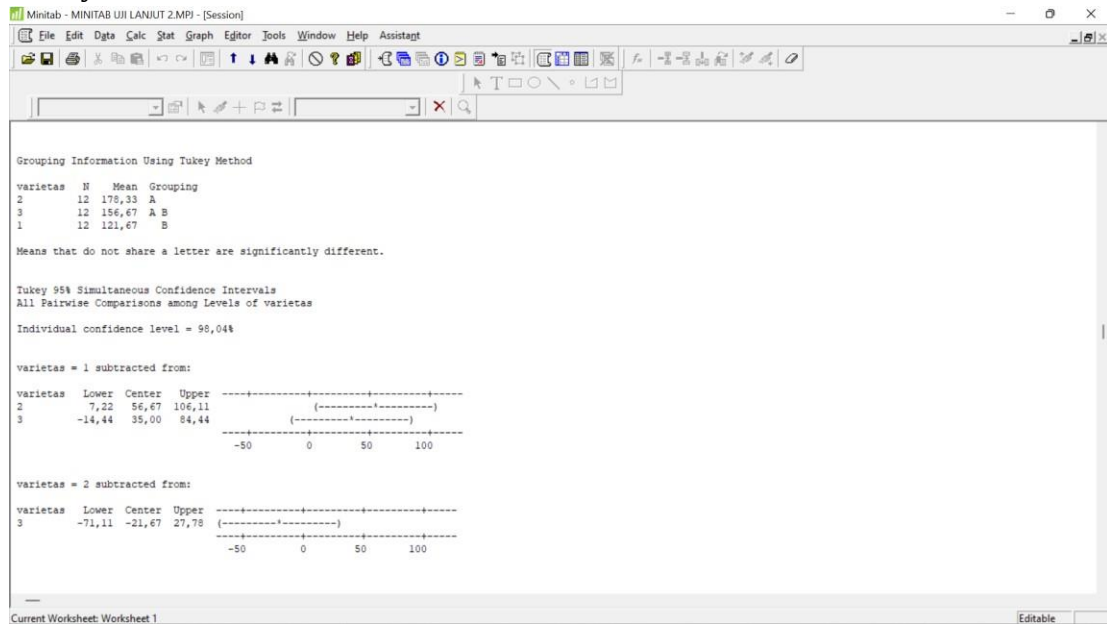
Kesimpulan: Karena nilai p kurang dari tingkat signifikan (α) sebesar 5% atau 0,05, maka dapat disimpulkan bahwa residual tidak menyebar atau berdistribusi normal.

Tugas 2

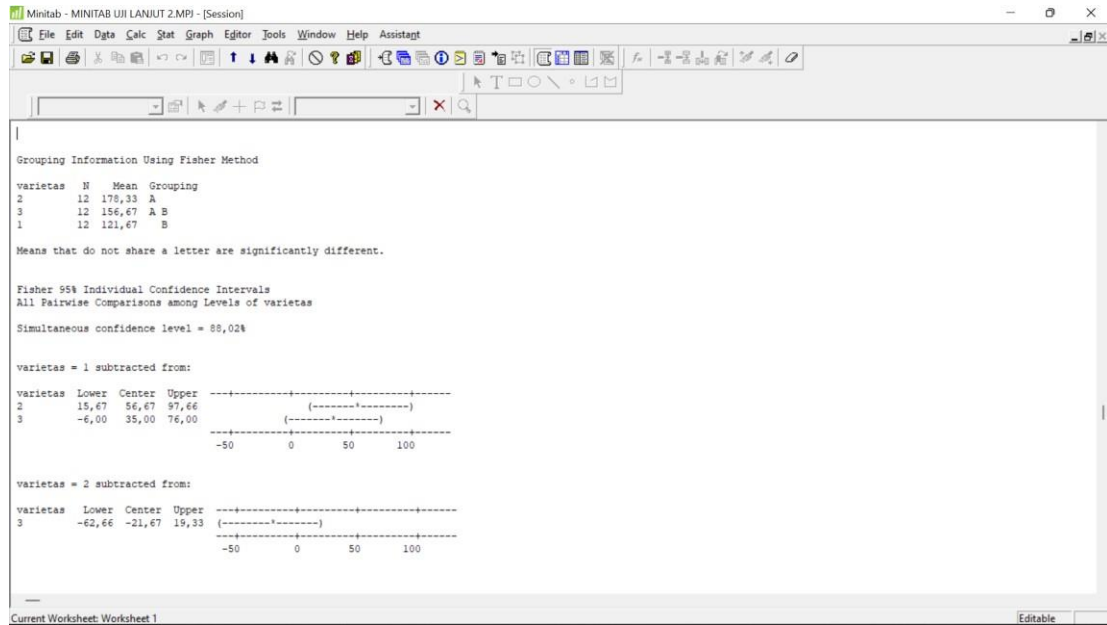
Jenis pakan	A	B	C
Pakan A	150	200	220
	190	240	170
	120	180	140
Pakan B	170	240	260
	100	180	190
	130	220	210
Pakan C	90	120	100
	120	150	50
	60	100	80
Pakan D	140	210	190
	80	160	150
	110	140	120



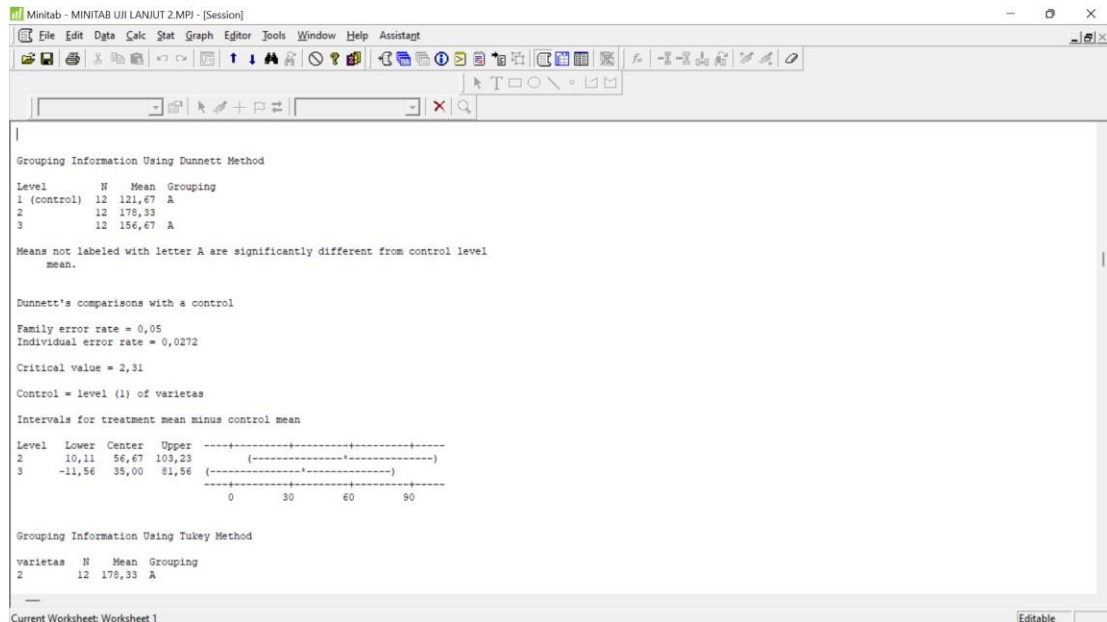
Tukey Method



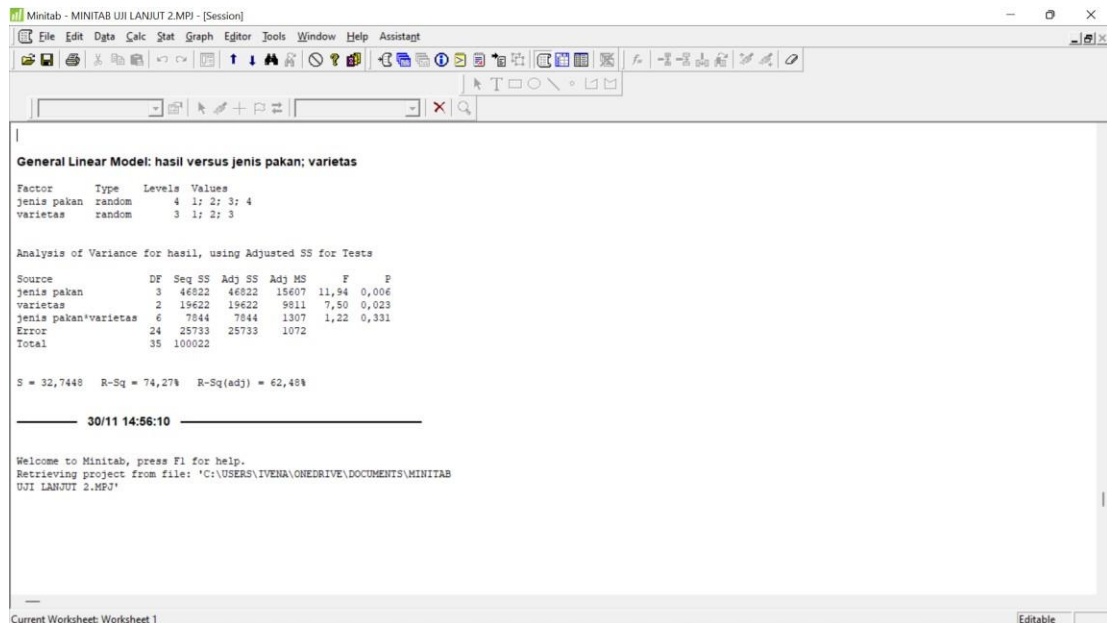
Fisher Method



Dunnett Method



General Linear Model



Hipotesis :

H₀ : Residual berdistribusi normal

H₁ : Residual tidak berdistribusi normal $P < \alpha \rightarrow \text{Tolak } H_0 \text{ } 0,027 < 0,05$

Kesimpulan: Karena nilai p kurang dari tingkat signifikan (α) sebesar 5% atau 0,05, maka dapat disimpulkan bahwa residual tidak menyebar atau berdistribusi normal.