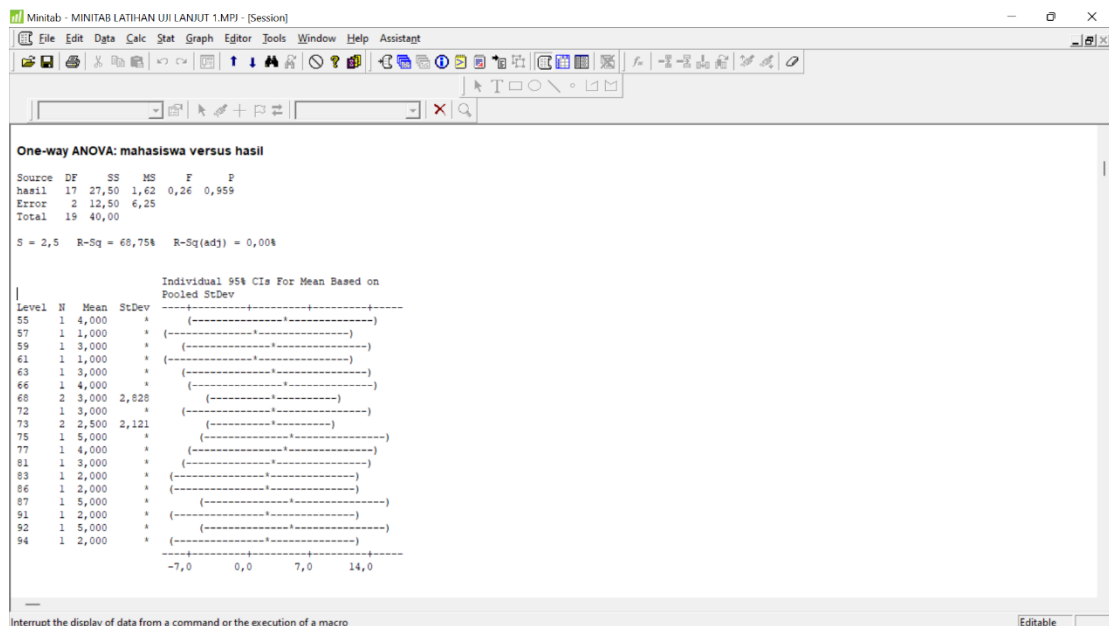


Nama : Ivena Putri Sheptiane  
 NPM : 2114201030  
 PS : Sumberdaya Akuatik

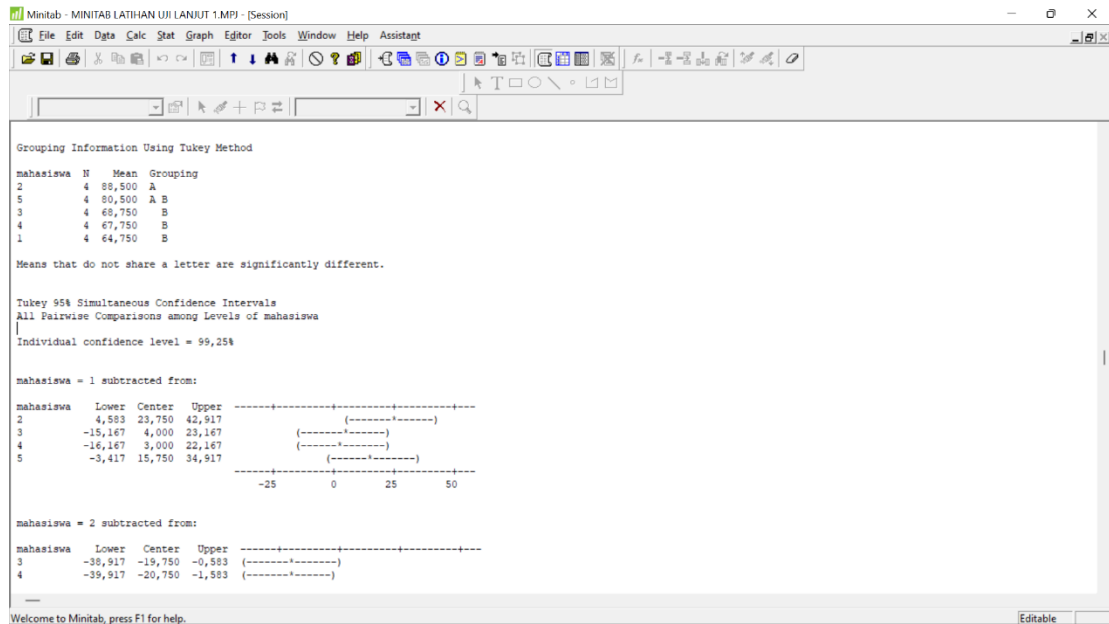
## Statistika Dasar (Uji Lanjut)

### Tugas 1

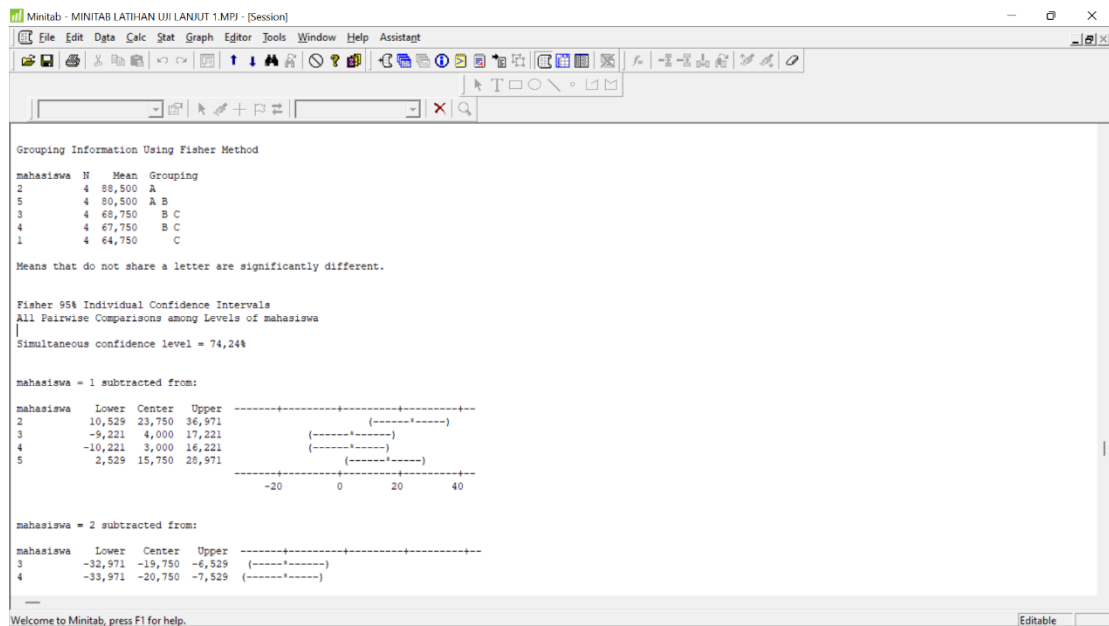
| Mahasiswa | Matematika | Statistika | Limnologi | MKA |
|-----------|------------|------------|-----------|-----|
| Andi      | 68         | 57         | 73        | 61  |
| Rina      | 83         | 94         | 91        | 86  |
| Budi      | 72         | 81         | 63        | 59  |
| Siska   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



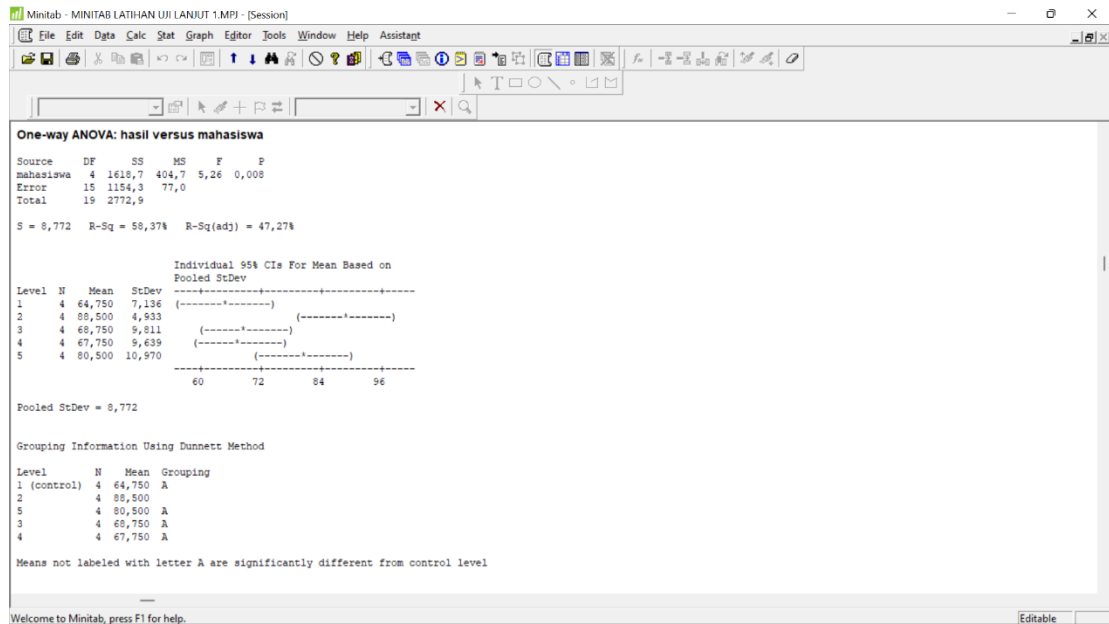
## Tukey Method



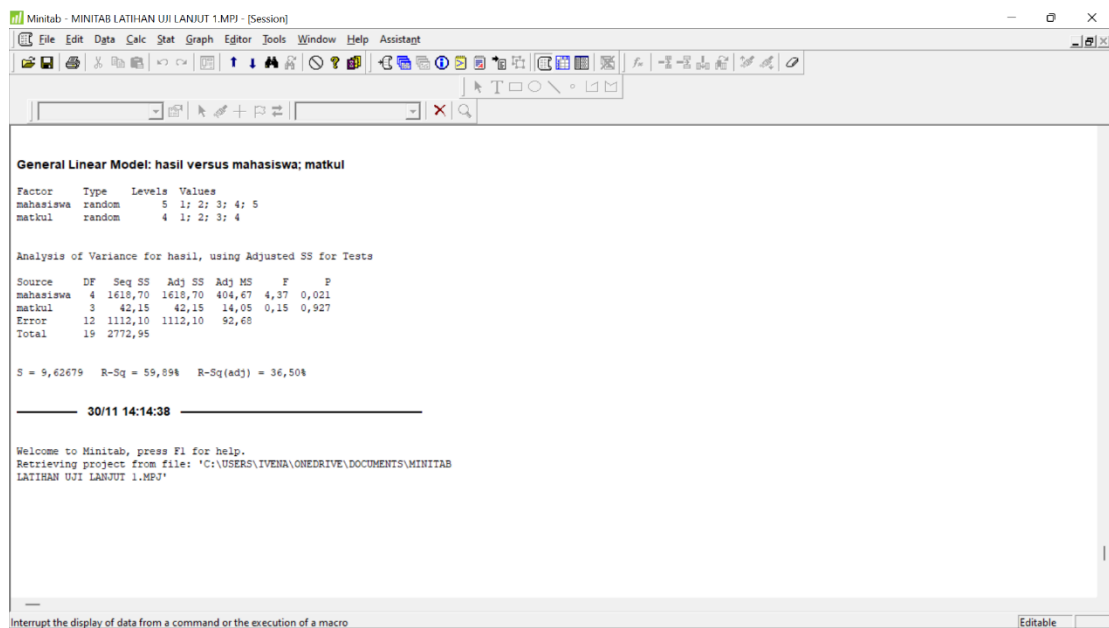
## Fisher Methods



## Dunnet Method



## General Linear Model



Hipotesis :

$H_0$  : Residual berdistribusi normal

$H_1$  : Residual tidak berdistribusi normal

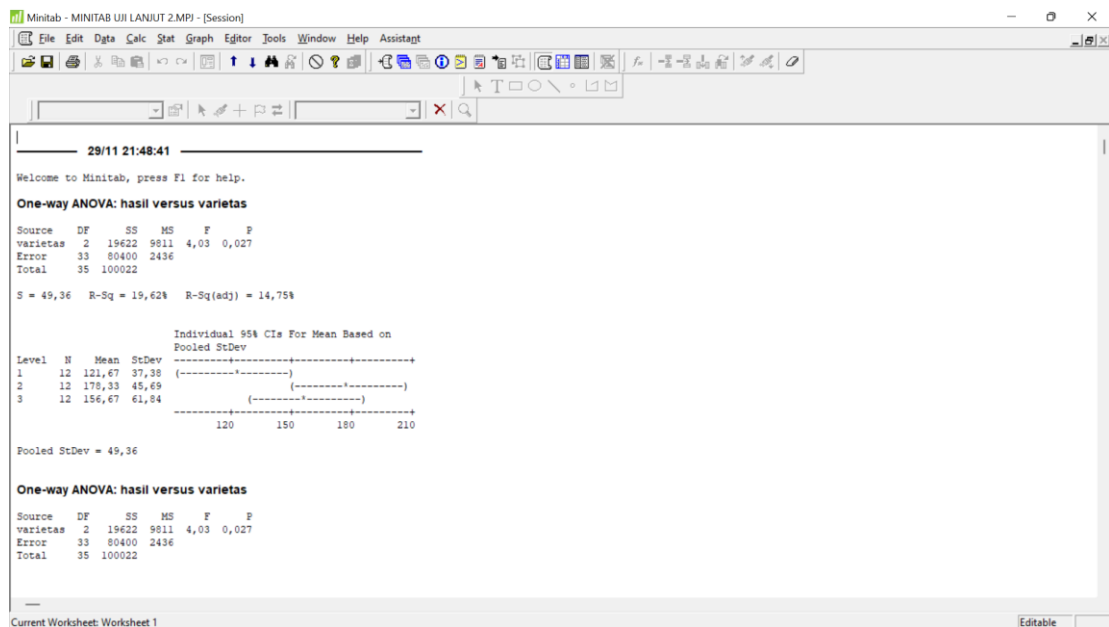
$P < \alpha \rightarrow \text{Tolak } H_0$

$0,008 < 0,05$

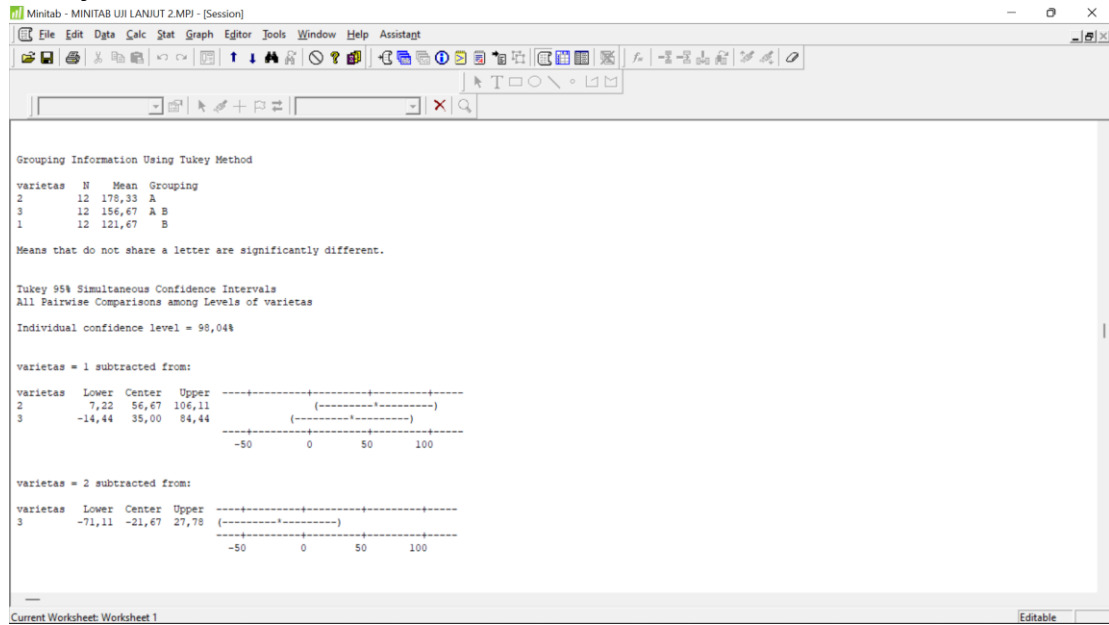
Kesimpulan: Karena nilai p kurang dari tingkat signifikan ( $\alpha$ ) sebesar 5% atau 0,05, maka dapat disimpulkan bahwa residual tidak menyebar atau berdistribusi normal.

## Tugas 2

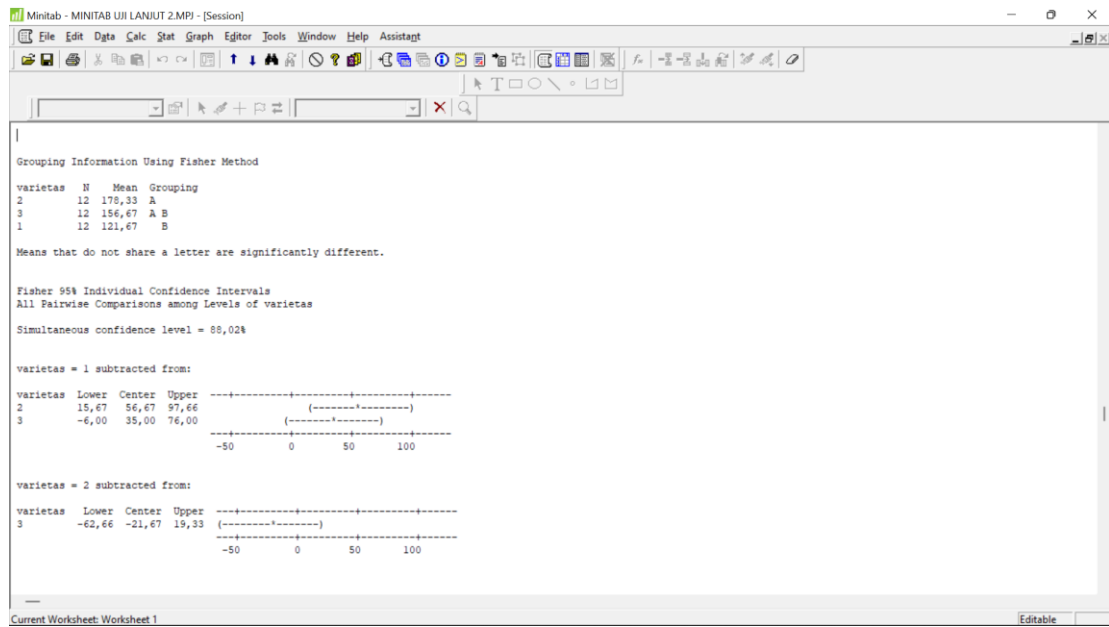
| Jenis pakan | A   | B   | C   |
|-------------|-----|-----|-----|
| Pakan A     | 150 | 200 | 220 |
|             | 190 | 240 | 170 |
|             | 120 | 180 | 140 |
| Pakan B     | 170 | 240 | 260 |
|             | 100 | 180 | 190 |
|             | 130 | 220 | 210 |
| Pakan C     | 90  | 120 | 100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



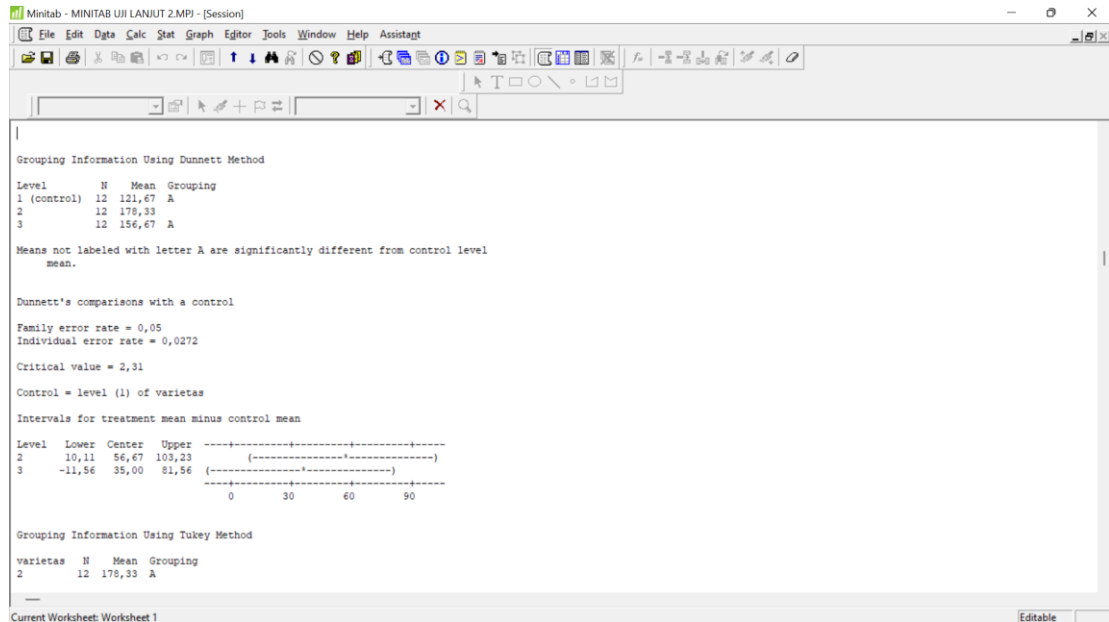
## Tukey Method



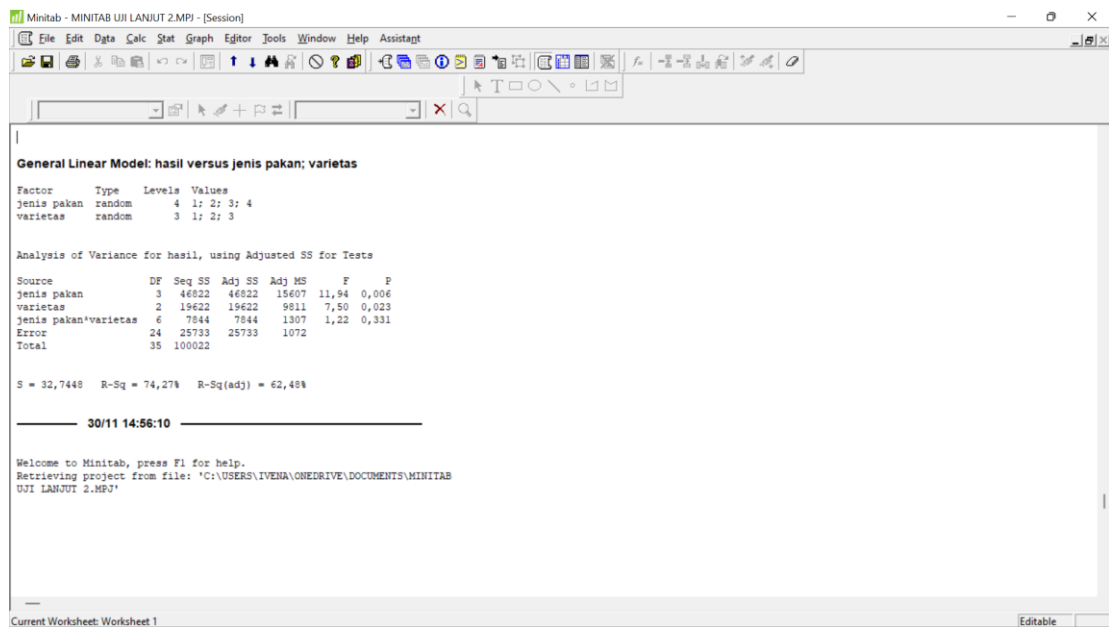
## Fisher Method



## Dunnnett Method



## General Linear Model



Hipotesis :

$H_0$  : Residual berdistribusi normal

$H_1$  : Residual tidak berdistribusi normal

$P < \alpha \rightarrow \text{Tolak } H_0$

0,027 < 0,05

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