

# Lampiran 1. Gambar Wilayah Pulau Gili Ketapang, Kabupaten Probolinggo, Jawa Timur

Pulau Gili, Kabupaten Probolinggo



## Lampiran 2. Karakteristik Nelayan Responden

| NO. | Nama        | Kapal          | Umur (Thn) | Pendidikan (Thn) | Pengalaman Melaut (Thn) | Jumlah Anggota Keluarga (Orang) | Status Istri |
|-----|-------------|----------------|------------|------------------|-------------------------|---------------------------------|--------------|
| 1.  | Hamzah      | Banyu Urip     | 40         | 11               | 10                      | 5                               | 0            |
| 2.  | Rohman      | Lantaran       | 43         | 0                | 23                      | 4                               | 0            |
| 3.  | Karto       | Putra Surya    | 60         | 0                | 45                      | 3                               | 0            |
| 4.  | Prayib      | Modra 2        | 60         | 5                | 5                       | 2                               | 1            |
| 5.  | Niman       | Singa Laut     | 61         | 0                | 19                      | 4                               | 0            |
| 6.  | Hj. Baidawi | Selor          | 60         | 0                | 20                      | 2                               | 0            |
| 7.  | Hj. Parman  | Sumber Rejeki  | 50         | 6                | 10                      | 2                               | 0            |
| 8.  | Romli       | Argentina      | 39         | 6                | 27                      | 5                               | 1            |
| 9.  | Mattasin    | Raja           | 35         | 6                | 15                      | 3                               | 0            |
| 10. | Selket      | Bunga          | 55         | 0                | 30                      | 2                               | 0            |
| 11. | Saturi      | Pasar          | 45         | 4                | 10                      | 3                               | 0            |
| 12. | Irfan       | Sari Mas       | 48         | 0                | 30                      | 2                               | 1            |
| 13. | Yusup       | Molong         | 50         | 6                | 30                      | 4                               | 0            |
| 14. | Midewi      | Berseneng      | 45         | 4                | 25                      | 2                               | 0            |
| 15. | Tar         | Barat          | 60         | 0                | 40                      | 3                               | 1            |
| 16. | Slamet      | Sekki          | 45         | 6                | 3                       | 4                               | 0            |
| 17. | Limin       | Armada         | 40         | 0                | 25                      | 4                               | 1            |
| 18. | Doso        | Rukun Barokah  | 70         | 0                | 15                      | 2                               | 0            |
| 19. | Hasyim      | Kembar Sekar   | 35         | 9                | 20                      | 3                               | 0            |
| 20. | Hj. Syamsul | Sumber Rejeki  | 50         | 6                | 30                      | 3                               | 1            |
| 21. | Hariri      | Jago           | 42         | 6                | 15                      | 4                               | 1            |
| 22. | H. Syamsul  | Rejeki Nomplok | 35         | 6                | 8                       | 4                               | 1            |

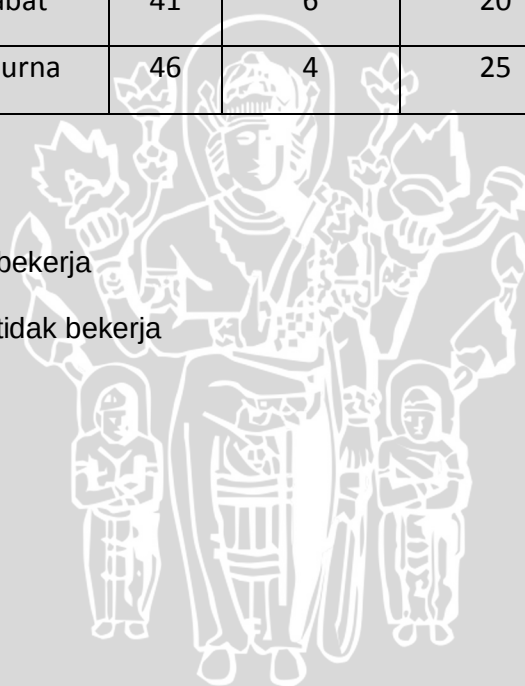


|     |         |            |    |   |    |   |   |
|-----|---------|------------|----|---|----|---|---|
| 23. | Saman   | Arjuna     | 64 | 4 | 25 | 2 | 0 |
| 24. | Umar    | Maradona   | 42 | 6 | 10 | 3 | 0 |
| 25. | Hasan   | Spontan    | 57 | 6 | 30 | 3 | 1 |
| 26. | Samro'i | Raja Patmi | 40 | 6 | 17 | 4 | 0 |
| 27. | Samori  | Rasa       | 30 | 6 | 17 | 3 | 1 |
| 28. | Atip    | Guntur     | 60 | 0 | 30 | 2 | 1 |
| 29. | Massum  | Cahya      | 40 | 6 | 28 | 4 | 1 |
| 30. | Suhari  | Sadar      | 57 | 6 | 20 | 5 | 1 |
| 31. | Sahid   | Joko Tole  | 45 | 6 | 20 | 5 | 0 |
| 32. | Nasar   | Sahabat    | 41 | 6 | 20 | 4 | 1 |
| 33. | Solihin | Sampurna   | 46 | 4 | 25 | 5 | 1 |

Keterangan :

1 = Istri nelayan yang bekerja

0 = Istri nelayan yang tidak bekerja



### Lampiran 3. Hasil Regresi Faktor-faktor yang Mempengaruhi Pendapatan Melaut Nelayan

**Descriptive Statistics**

|                         | Mean    | Std. Deviation | N  |
|-------------------------|---------|----------------|----|
| LnPendapatanMelaut      | 17.6241 | 1.12862        | 33 |
| LnUmurNelayan           | 3.8540  | .20855         | 33 |
| LnPendidikan            | .5164   | .37158         | 33 |
| LnPengalamanMelaut      | 2.9168  | .58435         | 33 |
| LnJumlahAnggotaKeluarga | 1.1526  | .33146         | 33 |
| LnAsetKapal             | 16.3310 | .30665         | 33 |
| LnDayaMesin             | 2.8466  | .22647         | 33 |
| LnCurahanKerjaMelaut    | 5.7607  | .13947         | 33 |

### Uji Autokorelasi (Durbin Watson) & Uji Koefisien Determinasi

**Model Summary<sup>a</sup>**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|-------|-------------------|----------|-------------------|----------------------------|---------------|
| 1     | .730 <sup>a</sup> | .533     | .402              | .87255                     | 1.707         |

a. Predictors: (Constant), LnCurahanKerjaMelaut, LnPengalamanMelaut, LnDayaMesin, LnUmurNelayan, LnJumlahAnggotaKeluarga, LnAsetKapal, LnPendidikan

b. Dependent Variable: LnPendapatanMelaut

### Uji F

**ANOVA<sup>a</sup>**

| Model |            | Sum of Squares | Df | Mean Square | F     | Sig.              |
|-------|------------|----------------|----|-------------|-------|-------------------|
| 1     | Regression | 21.727         | 7  | 3.104       | 4.077 | .004 <sup>a</sup> |
|       | Residual   | 19.034         | 25 | .761        |       |                   |
|       | Total      | 40.761         | 32 |             |       |                   |

a. Predictors: (Constant), LnCurahanKerjaMelaut, LnPengalamanMelaut, LnDayaMesin, LnUmurNelayan, LnJumlahAnggotaKeluarga, LnAsetKapal, LnPendidikan

b. Dependent Variable: LnPendapatanMelaut

# Uji t dan Uji Multikolinieritas

Coefficients<sup>a</sup>

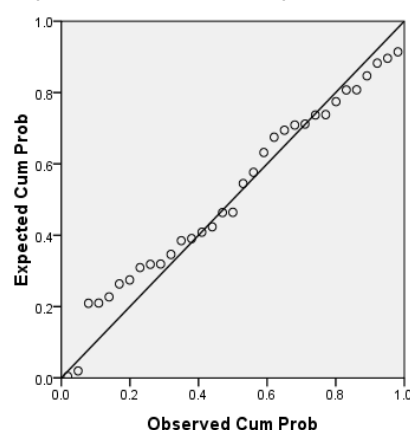
| Model                   | Unstandardized Coefficients |            | Standardized Coefficients | T      | Sig. | Collinearity Statistics |       |
|-------------------------|-----------------------------|------------|---------------------------|--------|------|-------------------------|-------|
|                         | B                           | Std. Error | Beta                      |        |      | Tolerance               | VIF   |
| 1 (Constant)            | 18.005                      | 11.528     |                           | 1.562  | .131 |                         |       |
| LnUmurNelayan           | -.990                       | .961       | -.183                     | -1.031 | .313 | .592                    | 1.688 |
| LnPendidikan            | 2.050                       | .560       | .675                      | 3.664  | .001 | .550                    | 1.817 |
| LnPengalamanMelaut      | .795                        | .297       | .412                      | 2.673  | .013 | .788                    | 1.269 |
| LnJumlahAnggotaKeluarga | -.272                       | .576       | -.080                     | -.473  | .640 | .653                    | 1.530 |
| LnAsetKapal             | .098                        | .672       | .027                      | .146   | .885 | .561                    | 1.783 |
| LnDayaMesin             | 1.760                       | .836       | .353                      | 2.104  | .046 | .663                    | 1.508 |
| LnCurahanKerjaMelaut    | -1.082                      | 1.229      | -.134                     | -.881  | .387 | .810                    | 1.234 |

a. Dependent Variable: LnPendapatanMelaut

## Uji Normalitas

Normal P-P Plot of Regression Standardized Residual

Dependent Variable: LnPendapatanMelaut

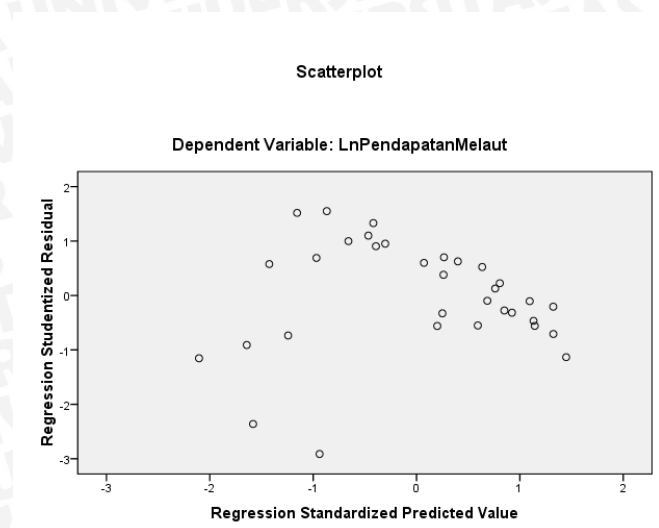


One-Sample Kolmogorov-Smirnov Test

|                                |                | Unstandardized Residual |
|--------------------------------|----------------|-------------------------|
| N                              |                | 33                      |
| Normal Parameters <sup>a</sup> | Mean           | .0000000                |
|                                | Std. Deviation | .77123575               |
| Most Extreme Differences       | Absolute       | .119                    |
|                                | Positive       | .061                    |
|                                | Negative       | -.119                   |
| Kolmogorov-Smirnov Z           |                | .686                    |
| Asymp. Sig. (2-tailed)         |                | .734                    |

a. Test distribution is Normal.

# Uji Heteroskedastisitas





#### Lampiran 4. Hasil Regresi Faktor-faktor yang Mempengaruhi Pengeluaran Rumah Tangga Nelayan

**Descriptive Statistics**

|                         | Mean    | Std. Deviation | N  |
|-------------------------|---------|----------------|----|
| LnPengeluaranRT         | 16.9462 | .35034         | 33 |
| LnJumlahanggotakeluarga | 1.1526  | .33146         | 33 |
| LnPendidikannelayan     | 1.3379  | .91107         | 33 |
| LnUmurnelayan           | 3.8540  | .20855         | 33 |
| LnPendapatanmelaut      | 17.6241 | 1.12862        | 33 |

#### Uji Autokorelasi & Uji Koefisien Determinasi

**Model Summary<sup>a</sup>**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|-------|-------------------|----------|-------------------|----------------------------|---------------|
| 1     | .593 <sup>a</sup> | .352     | .260              | .30146                     | 1.600         |

a. Predictors: (Constant), LnPendapatanmelaut, LnJumlahanggotakeluarga, LnUmurnelayan, LnPendidikannelayan

b. Dependent Variable: LnPengeluaranRT

#### Uji F

**ANOVA<sup>a</sup>**

| Model |            | Sum of Squares | df | Mean Square | F     | Sig.              |
|-------|------------|----------------|----|-------------|-------|-------------------|
| 1     | Regression | 1.383          | 4  | .346        | 3.804 | .014 <sup>a</sup> |
|       | Residual   | 2.545          | 28 | .091        |       |                   |
|       | Total      | 3.928          | 32 |             |       |                   |

a. Predictors: (Constant), LnPendapatanmelaut, LnJumlahanggotakeluarga, LnUmurnelayan, LnPendidikannelayan

b. Dependent Variable: LnPengeluaranRT

#### Uji t dan Uji Multikolinieritas

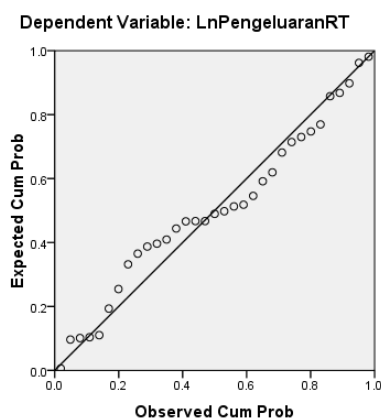
**Coefficients<sup>a</sup>**

| Model |                         | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. | Collinearity Statistics |       |
|-------|-------------------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
|       |                         | B                           | Std. Error | Beta                      |       |      | Tolerance               | VIF   |
| 1     | (Constant)              | 13.518                      | 1.846      |                           | 7.329 | .000 |                         |       |
|       | LnJumlahanggotakeluarga | .648                        | .186       | .614                      | 3.486 | .002 | .747                    | 1.339 |
|       | LnPendidikannelayan     | -.102                       | .185       | -.108                     | -.553 | .585 | .601                    | 1.665 |
|       | LnUmurnelayan           | .290                        | .326       | .173                      | .888  | .382 | .613                    | 1.632 |
|       | LnPendapatanmelaut      | .091                        | .056       | .293                      | 1.629 | .114 | .713                    | 1.402 |

a. Dependent Variable: LnPengeluaranRT

## Uji Normalitas

Normal P-P Plot of Regression Standardized Residual



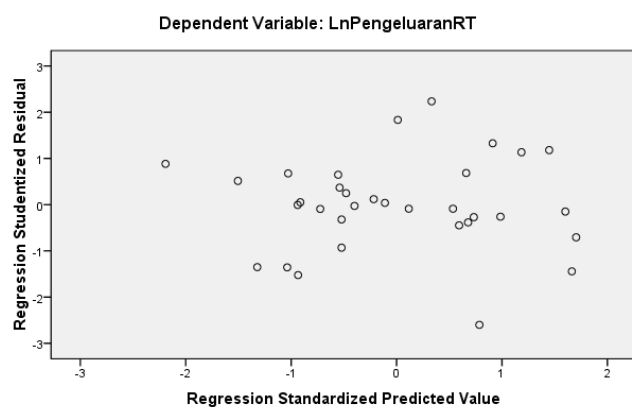
One-Sample Kolmogorov-Smirnov Test

|                                |                | Unstandardized Residual |
|--------------------------------|----------------|-------------------------|
| N                              |                | 33                      |
| Normal Parameters <sup>a</sup> | Mean           | .0000000                |
|                                | Std. Deviation | .28199147               |
| Most Extreme Differences       | Absolute       | .118                    |
|                                | Positive       | .098                    |
|                                | Negative       | -.118                   |
| Kolmogorov-Smirnov Z           |                | .678                    |
| Asymp. Sig. (2-tailed)         |                | .748                    |

a. Test distribution is Normal.

## Uji Heteroskedastisitas

Scatterplot





## Lampiran 5. Hasil Regresi Faktor-faktor yang Mempengaruhi Peluang Kemiskinan Nelayan

### Logistic Regression

**Case Processing Summary**

| Unweighted Cases <sup>a</sup> |                      | N  | Percent |
|-------------------------------|----------------------|----|---------|
| Selected Cases                | Included in Analysis | 33 | 100.0   |
|                               | Missing Cases        | 0  | .0      |
|                               | Total                | 33 | 100.0   |
| Unselected Cases              |                      | 0  | .0      |
| Total                         |                      | 33 | 100.0   |

a. If weight is in effect, see classification table for the total number of cases.

**Dependent Variable Encoding**

| Original Value | Internal Value |
|----------------|----------------|
| 0              | 0              |
| 1              | 1              |

### Block 0: Beginning Block

**Iteration History<sup>a,b,c</sup>**

| Iteration |   | -2 Log likelihood | Coefficients |
|-----------|---|-------------------|--------------|
|           |   |                   | Constant     |
| Step 0    | 1 | 38.707            | -.909        |
|           | 2 | 38.673            | -.980        |
|           | 3 | 38.673            | -.981        |
|           | 4 | 38.673            | -.981        |

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 38,673

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than ,001.

Classification Table<sup>a,b</sup>

| Observed           |   |   | Predicted |   | Percentage Correct |
|--------------------|---|---|-----------|---|--------------------|
|                    |   |   | Y         |   |                    |
|                    |   |   | 0         | 1 |                    |
| Step 0             | Y | 0 | 24        | 0 | 100.0              |
|                    |   | 1 | 9         | 0 | .0                 |
| Overall Percentage |   |   |           |   | 72.7               |

a. Constant is included in the model.

b. The cut value is ,500

Variables in the Equation

|        |          | B     | S.E. | Wald  | df | Sig. | Exp(B) |
|--------|----------|-------|------|-------|----|------|--------|
| Step 0 | Constant | -.981 | .391 | 6.297 | 1  | .012 | .375   |

Variables not in the Equation<sup>a</sup>

|        |           |       | Score | df | Sig.  |
|--------|-----------|-------|-------|----|-------|
| Step 0 | Variables | UN    | 6.517 | 1  | .011  |
|        |           | PDD   | 7.715 | 1  | .005  |
|        |           | PM    | .081  | 1  | .775  |
|        |           | JAK   | .000  | 1  | 1.000 |
|        |           | DM    | .902  | 1  | .342  |
|        |           | PRT   | .270  | 1  | .604  |
|        |           | ISTRI | .733  | 1  | .392  |

a. Residual Chi-Squares are not computed because of redundancies.

**Block 1: Method = Enter****Iteration History<sup>a,b,c,d</sup>**

| Iteration |   | -2 Log likelihood | Coefficients |      |        |       |       |       |      |        |
|-----------|---|-------------------|--------------|------|--------|-------|-------|-------|------|--------|
|           |   |                   | Constant     | UN   | PDD    | PM    | JAK   | DM    | PRT  | ISTRI  |
| Step 1    | 1 | 20.785            | 1.581        | .063 | -.415  | -.071 | .592  | -.206 | .000 | -.599  |
|           | 2 | 16.317            | 1.102        | .122 | -.616  | -.120 | .787  | -.316 | .000 | -.933  |
|           | 3 | 14.634            | -.033        | .191 | -.789  | -.171 | .934  | -.419 | .000 | -1.266 |
|           | 4 | 14.164            | -.254        | .247 | -.926  | -.212 | 1.016 | -.524 | .000 | -1.666 |
|           | 5 | 14.103            | .371         | .271 | -.992  | -.234 | 1.003 | -.592 | .000 | -1.941 |
|           | 6 | 14.101            | .648         | .275 | -1.004 | -.239 | .988  | -.610 | .000 | -2.010 |
|           | 7 | 14.101            | .662         | .275 | -1.005 | -.239 | .988  | -.610 | .000 | -2.014 |
|           | 8 | 14.101            | .662         | .275 | -1.005 | -.239 | .988  | -.610 | .000 | -2.014 |

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 38,673

d. Estimation terminated at iteration number 8 because parameter estimates changed by less than ,001.

**Uji Overall Model Fit (serentak)****Omnibus Tests of Model Coefficients**

|        |       | Chi-square | df | Sig. |
|--------|-------|------------|----|------|
| Step 1 | Step  | 24.572     | 7  | .001 |
|        | Block | 24.572     | 7  | .001 |
|        | Model | 24.572     | 7  | .001 |

**Uji Koefisien Determinasi (Nagelkerke R square)****Model Summary**

| Step | -2 Log likelihood   | Cox & Snell R Square | Nagelkerke R Square |
|------|---------------------|----------------------|---------------------|
| 1    | 14.101 <sup>a</sup> | .525                 | .761                |

a. Estimation terminated at iteration number 8 because parameter estimates changed by less than ,001.

**Uji Kelayakan Model****Hosmer and Lemeshow Test**

| Step | Chi-square | df | Sig. |
|------|------------|----|------|
| 1    | 3.929      | 8  | .863 |



| Observed           |   |   | Predicted |   | Percentage Correct |
|--------------------|---|---|-----------|---|--------------------|
|                    |   |   | Y         |   |                    |
|                    |   |   | 0         | 1 |                    |
| Step 1             | Y | 0 | 23        | 1 | 95.8               |
|                    |   | 1 | 1         | 8 | 88.9               |
| Overall Percentage |   |   |           |   | 93.9               |

Uji Wald & Exp (B) (Odds Ratio)

|                     |          |        |        |       |    |      | 95,0% C.I.for EXP(B) |       |        |
|---------------------|----------|--------|--------|-------|----|------|----------------------|-------|--------|
|                     |          | B      | S.E.   | Wald  | df | Sig. | Exp(B)               | Lower | Upper  |
| Step 1 <sup>a</sup> | UN       | .275   | .150   | 3.380 | 1  | .066 | 1.317                | .982  | 1.767  |
|                     | PDD      | -1.005 | .435   | 5.342 | 1  | .021 | .366                 | .156  | .858   |
|                     | PM       | -.239  | .140   | 2.921 | 1  | .087 | .788                 | .599  | 1.036  |
|                     | JAK      | .988   | 1.209  | .667  | 1  | .414 | 2.685                | .251  | 28.715 |
|                     | DM       | -.610  | .455   | 1.799 | 1  | .180 | .543                 | .223  | 1.325  |
|                     | PRT      | .027   | .094   | .086  | 1  | .770 | 1.028                | 0.855 | 1.235  |
|                     | ISTRI    | -2.014 | 2.139  | .886  | 1  | .346 | .134                 | .002  | 8.833  |
|                     | Constant | .662   | 12.386 | .003  | 1  | .957 | 1.939                |       |        |

# Lampiran 6. Dokumentasi Penelitian di Pulau Gili, Kabupaten Probolinggo



Gambar 1. Jalan Masuk Pulau Gili



Gambar 2. Wawancara dengan Responden Penelitian



Gambar 3. Foto Responden Penelitian





Gambar 4. Kapal Nelayan yang Menggunakan Alat Tangkap Payang



Gambar 5. Alat Tangkap Payang



Gambar 6. Tempat untuk Menampung Hasil Tangkapan dan Ikan Teri