

```

1 . discard
2 . do stata_acro_test
3 . quietly{
*****
Creating acro session
INFO:acro:config: {'safe_threshold': 10, 'safe_dof_threshold': 10, 'safe_nk_n': 2, 'safe_nk_k': 0.9, 'safe_pratio_p': 0.1, 'check_missing_values': False}
acro analysis session created

```

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***** Tables *****
calling table survivor grant_type directly

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	grant_type				Total
	G	N	R	R/G	
survivor					
Dead in 2015	18		282		300
Alive in 2015	72	354	144	48	618
Total	90	354	426	48	918

```
now calling: acro table survivor grant_type
```

```
INFO:acro:outcome_df:
```

```
grant_type G N R R/G
```

```
survivor
```

```
0.0 ok threshold; ok threshold;
```

```
1.0 ok ok ok ok
```

```
INFO:acro:get_summary(): fail; threshold: 2 cells suppressed;
```

```
INFO:acro:add_output(): output_0_2023-06-15-15084596
```

```
grant_type G N R R/G
```

```
survivor
```

```
0.0 18 NaN 282 NaN
```

```
1.0 72 354.0 144 48.0
```

```
***** Regressions *****
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**** stata: regress inc_activity inc_grants inc_donations total_costs
```

Source	SS	df	MS	Number of obs	=	811
Model	1.3357e+18	3	4.4524e+17	F(3, 807)	=	2276.25
Residual	1.5785e+17	807	1.9560e+14	Prob > F	=	0.0000
				R-squared	=	0.8943
				Adj R-squared	=	0.8939
Total	1.4936e+18	810	1.8439e+15	Root MSE	=	1.4e+07

inc_activity	Coefficient	Std. err.	t	P> t	[95% conf. interval]
inc_grants	-.8855681	.0245118	-36.13	0.000	-.9336825 -.8374536
inc_donations	-.6658834	.0162787	-40.91	0.000	-.6978369 -.6339299
total_costs	.8318309	.010538	78.94	0.000	.8111458 .8525159
_cons	399436.3	531251.9	0.75	0.452	-643362.2 1442235

```
acro : acro regress inc_activity inc_grants inc_donations total_costs
```

```
INFO:acro:ols() outcome: pass; dof=807.0 >= 10
```

```
INFO:acro:add_output(): output_1_2023-06-15-15084606
```

```
OLS Regression Results
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Dep. Variable: inc_activity, R-squared: 0.894
Model: OLS, Adj. R-squared: 0.894
Method: Least Squares, F-statistic: 2276.
Date: Thu, 15 Jun 2023, Prob (F-statistic): 0.00
Time: 15:08:46, Log-Likelihood: -14493.
No. Observations: 811, AIC: 2.899e+04
Df Residuals: 807, BIC: 2.901e+04
Df Model: 3
Covariance Type: nonrobust
coef std err t P>|t| [0.025 0.975]
const 3.994e+05 5.31e+05 0.752 0.452 -6.43e+05 1.44e+06
inc_grants -0.8856 0.025 -36.128 0.000 -0.934 -0.837
inc_donations -0.6659 0.016 -40.905 0.000 -0.698 -0.634
total_costs 0.8318 0.011 78.937 0.000 0.811 0.853
Omnibus: 1348.637, Durbin-Watson: 1.424
Prob(Omnibus): 0.000, Jarque-Bera (JB): 1298161.546
Skew: 10.026, Prob(JB): 0.00
Kurtosis: 197.973, Cond. No. 1.06e+08

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Notes:
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[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
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```
[2] The condition number is large, 1.06e+08. This might indicate that there are strong multicollinearity or other numerical problems.
```

```
*** stata: probit survivor inc_activity inc_grants inc_donations total_costs
```

```
Iteration 0: Log likelihood = -509.50051
```

```
Iteration 1: Log likelihood = -451.16345
```

```
Iteration 2: Log likelihood = -428.05889
```

```
Iteration 3: Log likelihood = -409.37624
```

```
Iteration 4: Log likelihood = -403.51851
```



```

summary: pass; dof=806.0 >= 10
outcome: Empty DataFrame
Columns: []
Index: []
output: [ survivor No. Observations: 811
Dep. Variable:
Model: Probit Df Residuals: 8.060000e+02
Method: MLE Df Model: 4.000000e+00
Date: Thu, 15 Jun 2023 Pseudo R-squ.: 2.086000e-01
Time: 15:08:46 Log-Likelihood: -4.032400e+02
converged: True LL-Null: -5.095000e+02
Covariance Type: nonrobust LLR p-value: 7.648000e-45, coef std err ... [0.025 0.975]
const 4.450000e-02 5.600000e-02 ... -6.600000e-02 1.550000e-01
inc_activity 4.114000e-08 6.540000e-08 ... -8.710000e-08 1.690000e-07
inc_grants -4.297000e-08 6.070000e-08 ... -1.620000e-07 7.600000e-08
inc_donations 1.357000e-07 6.270000e-08 ... 1.280000e-08 2.590000e-07
total_costs 3.473000e-08 5.840000e-08 ... -7.960000e-08 1.490000e-07

[5 rows x 6 columns]]
timestamp: 2023-06-15-15084678
comments:

```

```

***** end the session : acro finalise. *****

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INFO:acro:Directory outputs/ already exists

```

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INFO:acro:output written to: stata_out.json

```

```

outputs and stata_out.json written

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4 .
end of do-file

```

```

5 .

```