

APENDIX

Logistic Regression

Logistic Regression

Indonesia Area

```
Logistic regression                               Number of obs   =       8829
                                                  LR chi2(4)      =       409.91
                                                  Prob > chi2     =       0.0000
Log likelihood = -1870.5164                    Pseudo R2      =       0.0988
```

happy	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
healthy	1.063984	.0951977	11.18	0.000	.8773999	1.250568
logwage	.3980494	.078106	5.10	0.000	.2449645	.5511344
educ	.1363822	.0122436	11.14	0.000	.1123853	.1603792
unemployment	-.7030689	.1214485	-5.79	0.000	-.9411036	-.4650342
_cons	-4.839072	1.0765	-4.50	0.000	-6.948974	-2.729171

Urban Area

```
Logistic regression                               Number of obs   =       6301
                                                  LR chi2(4)      =       273.14
                                                  Prob > chi2     =       0.0000
Log likelihood = -1274.0575                    Pseudo R2      =       0.0968
```

happy	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
healthy	.9085383	.1178552	7.71	0.000	.6775464	1.13953
logwage	.4162615	.095469	4.36	0.000	.2291456	.6033773
educ	.1441471	.0151621	9.51	0.000	.1144298	.1738643
unemployment	-.7778489	.1465854	-5.31	0.000	-1.065151	-.4905468
_cons	-5.047625	1.313767	-3.84	0.000	-7.622561	-2.472689

Rural Area

Logistic regression

Number of obs = 2528
 LR chi2(4) = 137.15
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.1036

Log likelihood = -593.22626

happy	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
healthy	1.362042	.163358	8.34	0.000	1.041866	1.682218
logwage	.3667492	.1377575	2.66	0.008	.0967495	.6367488
educ	.1220281	.0211789	5.76	0.000	.0805182	.1635381
unemployment	-.5856122	.2182207	-2.68	0.007	-1.013317	-.1579074
_cons	-4.50423	1.908228	-2.36	0.018	-8.244287	-.7641721

Logistic Regression used Robust

Indonesia Area

Logistic regression

Number of obs = 8829
 Wald chi2(4) = 387.33
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.0988

Log pseudolikelihood = -1870.5164

happy	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
healthy	1.063984	.0954467	11.15	0.000	.8769118	1.251056
logwage	.3980494	.077596	5.13	0.000	.2459641	.5501347
educ	.1363822	.0119511	11.41	0.000	.1129585	.159806
unemployment	-.7030689	.1218171	-5.77	0.000	-.9418261	-.4643117
_cons	-4.839072	1.071767	-4.52	0.000	-6.939697	-2.738448

Urban Area

Logistic regression

Number of obs = 6301

Wald chi2(4) = 255.43

Prob > chi2 = 0.0000

Log pseudolikelihood = -1274.0575

Pseudo R2 = 0.0968

happy	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
healthy	.9085383	.1184042	7.67	0.000	.6764703	1.140606
logwage	.4162615	.0958806	4.34	0.000	.2283389	.6041841
educ	.1441471	.0148807	9.69	0.000	.1149814	.1733127
unemployment	-.7778489	.1466945	-5.30	0.000	-1.065365	-.490333
_cons	-5.047625	1.322631	-3.82	0.000	-7.639933	-2.455317

Rural Area

Logistic regression

Number of obs = 2528

Wald chi2(4) = 133.87

Prob > chi2 = 0.0000

Log pseudolikelihood = -593.22626

Pseudo R2 = 0.1036

happy	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
healthy	1.362042	.1636644	8.32	0.000	1.041266	1.682818
logwage	.3667492	.134144	2.73	0.006	.1038318	.6296665
educ	.1220281	.0205826	5.93	0.000	.0816869	.1623694
unemployment	-.5856122	.220098	-2.66	0.008	-1.016996	-.1542281
_cons	-4.50423	1.860766	-2.42	0.015	-8.151264	-.8571954

Logistic Regression and Odd Ratio

Indonesia Area

Logistic regression	Number of obs	=	8829
	LR chi2(4)	=	409.91
	Prob > chi2	=	0.0000
Log likelihood = -1870.5164	Pseudo R2	=	0.0988

happy	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
healthy	2.897893	.2758728	11.18	0.000	2.404639 3.492326
logwage	1.488918	.1162934	5.10	0.000	1.277576 1.73522
educ	1.14612	.0140326	11.14	0.000	1.118944 1.173956
unemployment	.4950637	.0601248	-5.79	0.000	.390197 .6281136
_cons	.0079144	.0085198	-4.50	0.000	.0009596 .0652734

Urban Area

Logistic regression	Number of obs	=	6301
	LR chi2(4)	=	273.14
	Prob > chi2	=	0.0000
Log likelihood = -1274.0575	Pseudo R2	=	0.0968

happy	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
healthy	2.480694	.2923626	7.71	0.000	1.969041 3.1253
logwage	1.516282	.144758	4.36	0.000	1.257525 1.828283
educ	1.155054	.0175131	9.51	0.000	1.121234 1.189894
unemployment	.4593931	.0673403	-5.31	0.000	.3446758 .6122915
_cons	.0064246	.0084404	-3.84	0.000	.0004893 .0843577

Rural Area

Logistic regression

Number of obs = 2528

LR chi2(4) = 137.15

Prob > chi2 = 0.0000

Pseudo R2 = 0.1036

Log likelihood = -593.22626

happy	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
healthy	3.904157	.6377752	8.34	0.000	2.834502	5.377468
logwage	1.443036	.198789	2.66	0.008	1.101584	1.890325
educ	1.129786	.0239277	5.76	0.000	1.083849	1.17767
unemployment	.5567649	.1214977	-2.68	0.007	.3630129	.8539288
_cons	.0110621	.021109	-2.36	0.018	.0002628	.4657194

Logistic Regression and Odd Ratio used Robust

Indonesia Area

Logistic regression

Number of obs = 8829

Wald chi2(4) = 387.33

Prob > chi2 = 0.0000

Pseudo R2 = 0.0988

Log pseudolikelihood = -1870.5164

happy	Odds Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
healthy	2.897893	.2765945	11.15	0.000	2.403466	3.494031
logwage	1.488918	.115534	5.13	0.000	1.278854	1.733487
educ	1.14612	.0136974	11.41	0.000	1.119585	1.173283
unemployment	.4950637	.0603072	-5.77	0.000	.3899152	.6285676
_cons	.0079144	.0084824	-4.52	0.000	.0009686	.0646706

Urban Area

Logistic regression

Number of obs = 6301

Wald chi2(4) = 255.43

Prob > chi2 = 0.0000

Log pseudolikelihood = -1274.0575

Pseudo R2 = 0.0968

happy	Odds Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
healthy	2.480694	.2937246	7.67	0.000	1.966923	3.128665
logwage	1.516282	.1453821	4.34	0.000	1.256511	1.829759
educ	1.155054	.017188	9.69	0.000	1.121853	1.189238
unemployment	.4593931	.0673904	-5.30	0.000	.3446021	.6124224
_cons	.0064246	.0084973	-3.82	0.000	.0004809	.085836

Rural Area

Logistic regression

Number of obs = 2528

Wald chi2(4) = 133.87

Prob > chi2 = 0.0000

Log pseudolikelihood = -593.22626

Pseudo R2 = 0.1036

happy	Odds Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
healthy	3.904157	.6389715	8.32	0.000	2.8328	5.380699
logwage	1.443036	.1935746	2.73	0.006	1.109414	1.876984
educ	1.129786	.023254	5.93	0.000	1.085116	1.176295
unemployment	.5567649	.1225428	-2.66	0.008	.3616797	.8570765
_cons	.0110621	.020584	-2.42	0.015	.0002884	.4243506