

## Arrazola-Weber Model Test Output

This is the Weber Model I with one Z covariate - RTI or Routine Task Intensity, due to MT19, estimates Wednesday 4<sup>th</sup> December, 2019, 13:37.

```
. use df_18fz, clear
. nl dep1aZ @ lnwage exper edu_yrs tlabor0 RTI, parameters(lnW bk delta alpha xb_RTI) initial(lnW 20 bk .2
(33 missing values generated)
(obs = 3,279)
Iteration 0: residual SS = 1363.687
Iteration 1: residual SS = 1181.821
Iteration 2: residual SS = 1178.314
Iteration 3: residual SS = 1178.261
Iteration 4: residual SS = 1178.258
Iteration 5: residual SS = 1178.258
Iteration 6: residual SS = 1178.258
Iteration 7: residual SS = 1178.258
Iteration 8: residual SS = 1178.258
Iteration 9: residual SS = 1178.258
Iteration 10: residual SS = 1178.258

Nonlinear regression                                Number of obs =      3,279
                                                    R-squared      =      0.0838
                                                    Adj R-squared =      0.0827
                                                    Root MSE      =     .5999027
                                                    Res. dev.     =     5949.337
```

lnwage	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
/lnW	8.395009	.1288299	65.16	0.000	8.142414	8.647605
/bk	.133291	.0103539	12.87	0.000	.1129902	.1535919
/delta	.023717	.0035676	6.65	0.000	.0167221	.030712
/alpha	.4478971	.061662	7.26	0.000	.3269971	.568797
/xb_RTI	.0307752	.0167464	1.84	0.066	-.0020593	.0636097

Parameter lnW taken as constant term in model