

```

1 . est clear

2 . // Zero-Order Female Pain analysis
3 . regress WHPpain avgcumdosew1 if gender==2, vce(cluster id)

```

```

Linear regression                                Number of obs =      363
                                                F( 1, 362) =    11.99
                                                Prob > F      =    0.0006
                                                R-squared     =    0.0383
                                                Root MSE     =    21.926

```

(Std. Err. adjusted for 363 clusters in id)

WHPpain	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
avgcumdosew1	7.949532	2.295408	3.46	0.001	3.435524	12.46354
_cons	15.34436	1.37731	11.14	0.000	12.63583	18.05289

```

4 . eststo wavel

5 .
6 . regress WHPpain avgcumdosew2 if gender==2, vce(cluster id)

```

```

Linear regression                                Number of obs =      363
                                                F( 1, 362) =     5.81
                                                Prob > F      =    0.0165
                                                R-squared     =    0.0230
                                                Root MSE     =    22.099

```

(Std. Err. adjusted for 363 clusters in id)

WHPpain	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
avgcumdosew2	2.451314	1.017161	2.41	0.016	.4510282	4.4516
_cons	15.81625	1.444076	10.95	0.000	12.97642	18.65608

```
7 . eststo wave2
```

```
8 .
```

```
9 . regress WHPpain avgcumdosew3 if gender==2, vce(cluster id)
```

Linear regression

Number of obs = **363**
 F(1, 362) = **5.19**
 Prob > F = **0.0233**
 R-squared = **0.0199**
 Root MSE = **22.134**

(Std. Err. adjusted for **363** clusters in id)

WHPpain	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
avgcumdosew3	1.793888	.7873128	2.28	0.023	.245607	3.342169
_cons	15.85567	1.46564	10.82	0.000	12.97343	18.73791

```
10 . eststo wave3
```

```
11 .
```

```
12 .
```

```
13 . estout *,      cells(b(star fmt(%9.3f)) se(par) t p)          ///
>      stats(r2_a bic N, fmt(%9.3f %9.0g) labels(adjR^2))      ///
>      legend collabels(none) varlabels(_cons Constant)      ///
>      title("Zero-order regression coefficients" ///
>      "of reconstructed dose on female pain")
```

Zero-order regression coefficients of reconstructed dose on female pain

	wave1	wave2	wave3
avgcumdosew1	7.950*** (2.295) 3.463 0.001		
avgcumdosew2		2.451* (1.017) 2.410 0.016	
avgcumdosew3			1.794* (0.787) 2.278 0.023
Constant	15.344*** (1.377) 11.141	15.816*** (1.444) 10.953	15.856*** (1.466) 10.818

	0.000	0.000	0.000
adjR^2	0.036	0.020	0.017
bic	3281.569	3287.288	3288.427
N	363	363	363

* p<0.05, ** p<0.01, *** p<0.001