Introduction

Some advocates argue that punitive school discipline prevents students from adequate education and increases the risk of being ended up in prison. Down with Punitive Discipline (DPD) is a program that offers training to school principals on conflict de-escalation and promoting restorative justice. This study aimed to answer whether the DPD program had an impact on students' suspensions.

Methods

This study is a longitudinal panel analysis (2009-2017) that examines within-district changes in average student suspensions after implementing the DPD program. The sample includes 22 administrative districts of the NYC public school system. The data were sourced from the NYC Board of Education, containing annual district-level totals of student suspensions from 2009 to 2017. The outcome measure is the probability of suspensions, while the treatment measure is whether the DPD program was in place in a given district and year between 2009-2017. This study first presents descriptive statistics to show the overall and yearly differences between districts that have adopted a DPD and those that have not, using one-way ANOVA tests and exploring their time trends. Then, Model 1, a simple bivariate regression analysis is used to provide an overview. Furthermore, this study applies Model 2, a district fixed-effect regression analysis, and Model 3, a district and time fixed-effect regression analysis, to estimate the DPD program's impact to reduce bias. All analyses were conducted in STATA version 17, using robust adjustment, and statistical significance is reported at the $\alpha = 0.05$ level.

Result

Descriptive Summary Table 1 provides a descriptive summary of the overall and yearly average number of suspensions from 2009 to 2017. For the 10 districts that have ever taken the DPD

project, the average number of suspensions is 1976.69, 261.14 less than the average suspensions for the 12 districts that have never taken the DPD project, but the difference is not statistically significant. The gap may be associated with the schools that attend this program these groups have different profiles. Schools that took the DPD program, may be more exposed to this project because of higher income levels. These schools often have fewer students suspended compared to lower-income schools in the less informed district with students of color. Table 1 and Figure 1 display decreasing mean suspension trends over time across two groups of districts, indicating the possibility of a trend that affected both groups, even without the DPD program. Model 1 in Table 2 showed that on average DPD program implantation was associated with a 46.8% decrease in the likelihood of suspensions, and it is statistically significant. However, this coefficient contains omitted variable bias. Model 2 in Table 2 showed that, DPD program implantation was associated with a 75.8% decrease in the likelihood of suspensions on average with statistical significance, representing the Model 1 estimate is biased downward. Thus, after absorbing some time-invariant omitted variables via the fixed effect, the coefficient approached its true value. The direction of the coefficient of omitted variables and attending the DPD program and the coefficient of omitted variables with the likelihood of suspension should be the same. Lower-income districts are more prone to instability and student suspensions, but they are also more likely to join the DPD program. Model 3 in Table 2 showed that, after controlling for the time-fixed effects, the coefficient of the DPD on suspension was reduced to only a 10.4% decrease in the likelihood on average, and the coefficient is no longer statistically significant. Thus, in Model 2, the coefficient of DPD is upward biased. Meanwhile, the years from 2013 to 2017's coefficients are all negative and statistically significant. The time-fixed effect is negatively associated with suspension but positively associated with DPD, capturing variables

that are constant across districts but change over time. For example, the NYC government may have implemented a law, which prevented all districts from over-suspending students; or a city-wide wave may have aroused the consciousness of all districts to limit student suspension. This corresponds to Figure 1's time trend as well.

Conclusions

This study shows, there's not enough evidence to conclude that the DPD program itself had an impact on students' likelihood of getting suspended. Rather, there was likely some time-related event that happened to all NYC districts across the time that decreased the average student suspension rates, although such effects may vary in different districts.

Limitations

First, given NYC only contains 22 administrative districts, there is not sufficient variation in the value of districts that had the experience of not participating in DPD and participating in DPD between 2009 and 2017. Among all the 22 districts, only 10 districts had their program status "switched" to have strong statistical power, threatening the conclusion's validity. Second, omitted time-varying fixed effects within a district and district-varying time effects within a period might have biased the estimates of the analysis and threatened the internal validity. For instance, as principals in a district gain experience, they become more adept at managing misbehaving students, leading to lower suspension rates and a greater likelihood of joining the DPD program. Third, the impacts are estimated from districts that once joined the DPD program, but those are likely to be self-selected, so the estimate may not be typical of similar programs elsewhere or happened in a different time period. Fourth, the suspension rates may not be the best measure to capture the DPD program's effect, because suspension rates are affected by many pathways other than the principle's conflict de-escalation skills.

70 Table 1

TABLE 1 - Descriptive Statistics for Administrative District Panel Data: New York City, 2009-2017			
Variable	Districts that ever took DPD project (n=10) Mean(SD)	Districts that never took DPD project (n=12) Mean(SD)	P value
Numbers of Suspensions (2009 to 2017)	1976.69(2176.47)	2237.83(905.27)	0.36
Numbers of Suspensions (2009 to 2012)	2771.85(1485.6047)	3066.10(2933.43)	0.57
Yearly Numbers of Suspensions			
2009	2975.2 (1210.83)	3234.33(2848.15)	0.79
2010	2186.2 (963.05)	2383 (2354.30)	0.81
2011	3474.1 (1966.95)	3809.08 (3572.11)	0.79
2012	2451.9 (1487.47)	2838 (3025.45)	0.72
2013	1694.5 (719.20)	1827.67 (1924.31)	0.84
2014	1581.5 (762.66)	1798.83 (1781.26)	0.72
2015	1442.3 (616.71)	1813.67 (1682.20)	0.52
2016	1140.1 (690.78)	1414.17 (1429.89)	0.59
2017	844.4 (496.277)	1021.75 (1168.45)	0.66
* $p < .05$ for an ANOVA test of no difference between mean suspension			

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Figure 1

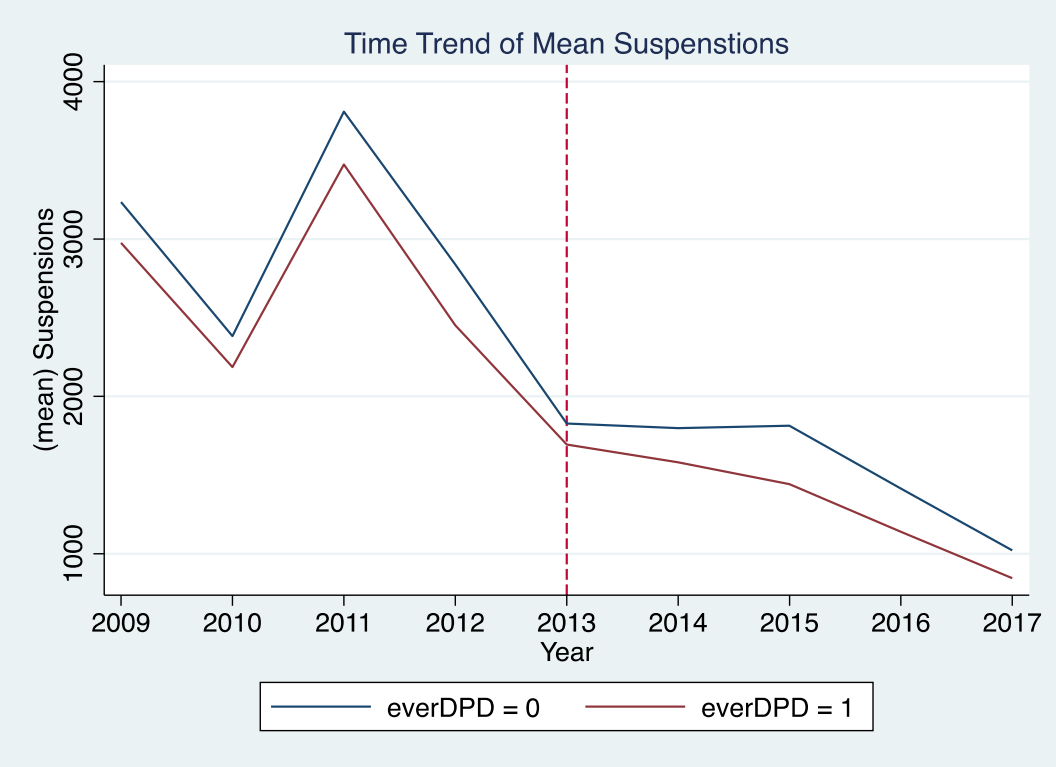
Time Trend of Mean Suspenstions
(mean) Suspensions
1000
2000
3000
4000
2009
2010
2011
2012
2013
2014
2015
2016
2017
Year
everDPD = 0
everDPD = 1

Table 2

	(1)	(2)	(3)
	DPD on Sus	DPD on Sus	DPD on Sus
VARIABLES	Simple Bivariable Regression	FE Regression Implict	Implict
DPD	-0.468***	-0.758***	-0.104
	(0.106)	(0.0506)	(0.0717)
2010.Year			-0.322***
			(0.0472)
2011.Year			0.136**
			(0.0571)
2012.Year			-0.219**
			(0.0847)
2013.Year			-0.589***
			(0.0949)
2014.Year			-0.592***
			(0.0894)
2015.Year			-0.622***
			(0.0772)
2016.Year			-0.889***
			(0.0832)
2017.Year			-1.228***
			(0.0955)
Constant	7.488***	7.552***	7.888***
	(0.0575)	(0.0113)	(0.0592)
Observations	198	198	198
R-squared	0.075	0.301	0.842
Number of District		22	22
District FE		YES	YES
Year FE			YES
Robust standard errors in parentheses			
*** p<0.01, ** p<0.05, * p<0.1			

```
      name:  <unnamed>
       log:  /Users/wsq/Desktop/Estimating Impact in Policy Research/Graded Assignment 4/WangSiqiAssignment4
> _log.smcl
  log type:  smcl
 opened on:   5 May 2023, 23:57:19

 1 .
 2 . * Generate Treatment variable DPD
 3 . gen DPD = 0

 4 . replace DPD = 1 if (inlist(District, 1,5,6,7) & Year>=2013) | (inlist(District, 8,9,14,17,20,21) & Year>=2
> 014)
(44 real changes made)

 5 .
 6 . gen everDPD=1 if (inlist(District,1,5,6,7,8,9,14,17,20,21))
(108 missing values generated)

 7 . replace everDPD=0 if (inlist(District,2,3,4,10,11,12,13,15,16,18,19,22))
(108 real changes made)

 8 . save "Suspensions 2009 to 2017_panel.dta",replace
file Suspensions 2009 to 2017_panel.dta saved

 9 .
10 . oneway Suspensions everDPD,tabulate

           |    Summary of Annual suspensions
   everDPD |        Mean   Std. dev.       Freq.
-----------+------------------------------------
         0 |   2237.8333   2395.5053         108
         1 |   1976.6889   1324.8823          90
-----------+------------------------------------
     Total |   2119.1313   1981.6216         198

                       Analysis of variance
    Source              SS         df      MS            F     Prob > F
------------------------------------------------------------------------
Between groups       3347824.3       1    3347824.3      0.85     0.3571
 Within groups       770236570     196   3929778.42
------------------------------------------------------------------------
    Total            773584395     197   3926824.34

Bartlett's equal-variances test: chi2(1) =  31.0573    Prob>chi2 = 0.000
```

```
11 . oneway Suspensions everDPD if (inlist(Year,2009,2010,2011,2012)), tabulate
```

everDPD	Summary of Annual suspensions Mean	Std. dev.	Freq.
0	**3066.1042**	**2933.4317**	**48**
1	**2771.85**	**1485.6047**	**40**
Total	**2932.3523**	**2379.0247**	**88**

Analysis of variance

Source	SS	df	MS	F	Prob > F
Between groups	**1889138.5**	**1**	**1889138.5**	**0.33**	**0.5664**
Within groups	**490509838**	**86**	**5703602.76**		
Total	**492398976**	**87**	**5659758.35**		

Bartlett's equal-variances test: chi2(**1**) = **17.4943** Prob>chi2 = **0.000**

```
12 .
13 . oneway Suspensions everDPD if Year==2013, tabulate
```

everDPD	Summary of Annual suspensions Mean	Std. dev.	Freq.
0	**1827.6667**	**1924.3062**	**12**
1	**1694.5**	**719.20268**	**10**
Total	**1767.1364**	**1471.7093**	**22**

Analysis of variance

Source	SS	df	MS	F	Prob > F
Between groups	**96727.4242**	**1**	**96727.4242**	**0.04**	**0.8385**
Within groups	**45387769.2**	**20**	**2269388.46**		
Total	**45484496.6**	**21**	**2165928.41**		

Bartlett's equal-variances test: chi2(**1**) = **7.5407** Prob>chi2 = **0.006**

```
14 . oneway Suspensions everDPD if Year==2014, tabulate
```

everDPD	Summary of Annual suspensions Mean	Std. dev.	Freq.
0	**1798.8333**	**1781.2555**	**12**
1	**1581.5**	**762.66146**	**10**
Total	**1700.0455**	**1386.9132**	**22**

Analysis of variance

Source	SS	df	MS	F	Prob > F
Between groups	**257638.788**	**1**	**257638.788**	**0.13**	**0.7239**
Within groups	**40136456.2**	**20**	**2006822.81**		
Total	**40394095**	**21**	**1923528.33**		

Bartlett's equal-variances test: chi2(**1**) = **5.8125** Prob>chi2 = **0.016**

15 . oneway Suspensions everDPD if Year==2015, tabulate

Summary of Annual suspensions

everDPD	Mean	Std. dev.	Freq.
0	**1813.6667**	**1682.1975**	**12**
1	**1442.3**	**616.71406**	**10**
Total	**1644.8636**	**1296.5697**	**22**

Analysis of variance

Source	SS	df	MS	F	Prob > F
Between groups	**752253.824**	**1**	**752253.824**	**0.44**	**0.5169**
Within groups	**34550698.8**	**20**	**1727534.94**		
Total	**35302952.6**	**21**	**1681092.98**		

Bartlett's equal-variances test: chi2(**1**) = **7.7969** Prob>chi2 = **0.005**

16 . oneway Suspensions everDPD if Year==2016, tabulate

Summary of Annual suspensions

everDPD	Mean	Std. dev.	Freq.
0	**1414.1667**	**1429.8881**	**12**
1	**1140.1**	**690.78465**	**10**
Total	**1289.5909**	**1137.9751**	**22**

Analysis of variance

Source	SS	df	MS	F	Prob > F
Between groups	**409704.752**	**1**	**409704.752**	**0.31**	**0.5863**
Within groups	**26785030.6**	**20**	**1339251.53**		
Total	**27194735.3**	**21**	**1294987.4**		

Bartlett's equal-variances test: chi2(**1**) = **4.4103** Prob>chi2 = **0.036**

```
17 . oneway Suspensions everDPD if Year==2017, tabulate
```

everDPD	Summary of Annual suspensions Mean	Std. dev.	Freq.
0	**1021.75**	**1168.4515**	**12**
1	**844.4**	**496.27707**	**10**
Total	**941.13636**	**910.42242**	**22**

Analysis of variance

Source	SS	df	MS	F	Prob > F
Between groups	**171561.941**	**1**	**171561.941**	**0.20**	**0.6603**
Within groups	**17234686.6**	**20**	**861734.332**		
Total	**17406248.6**	**21**	**828868.981**		

Bartlett's equal-variances test: chi2(**1**) = **5.9106** Prob>chi2 = **0.015**

```
18 .
19 .
20 . ********************************************************************************
21 . use "Suspensions 2009 to 2017.dta",clear

22 .
23 . gen everDPD=1 if (inlist(District,1,5,6,7,8,9,14,17,20,21))
(108 missing values generated)

24 . replace everDPD=0 if (inlist(District,2,3,4,10,11,12,13,15,16,18,19,22))
(108 real changes made)

25 .
26 . collapse (mean)meanSuS=Suspensions, by(District everDPD)

27 . sort District everDPD

28 .
29 . * Difference between evertreated==0 and evertreated==1
30 . ** Notes: Suspensions(Continuous), Treatment(Nominal)
31 . oneway meanSuS everDPD,tabulate
```

everDPD	Summary of (mean) Suspensions Mean	Std. dev.	Freq.
0	**2237.8333**	**2176.4671**	**12**
1	**1976.6889**	**905.27396**	**10**
Total	**2119.1313**	**1688.2615**	**22**

```
                        Analysis of variance
    Source              SS         df      MS            F     Prob > F
------------------------------------------------------------------------------
Between groups      371980.571      1   371980.571      0.13     0.7273
 Within groups      59482786.6     20   2974139.33
------------------------------------------------------------------------------
    Total           59854767.2     21   2850227.01

Bartlett's equal-variances test: chi2(1) =   6.1684    Prob>chi2 = 0.013

32 . save "descriptive_everDPD_general.dta", replace
file descriptive_everDPD_general.dta saved

33 . ********************************************************************************
34 . use "Suspensions 2009 to 2017.dta",clear

35 . gen everDPD=1 if (inlist(District,1,5,6,7,8,9,14,17,20,21))
(108 missing values generated)

36 . replace everDPD=0 if (inlist(District,2,3,4,10,11,12,13,15,16,18,19,22))
(108 real changes made)

37 . collapse (mean)meanSuS=Suspensions, by(Year everDPD)

38 . sort Year everDPD

39 .
40 . xtset everDPD Year

Panel variable: everDPD (strongly balanced)
 Time variable: Year, 2009 to 2017
         Delta: 1 unit

41 . xtline meanSuS,overlay title("Time Trend of Mean Suspenstions" , size(meansmall)) xlabel(#9) xline(2013,lp
> attern(-))
(note:  named style meansmall not found in class gsize, default attributes used)

42 . graph export group.png,replace
file /Users/wsq/Desktop/Estimating Impact in Policy Research/Graded Assignment 4/group.png saved as PNG
    format

43 . save "meanSuS_time_trend.dta",replace
file meanSuS_time_trend.dta saved

44 . ********************************************************************************
```

```
45 .
46 . use "Suspensions 2009 to 2017_panel.dta"

47 . * 2: Simple Bivariate Regression
48 . gen lnsus=ln(Suspensions)

49 . reg lnsus DPD, robust

Linear regression                               Number of obs     =        198
                                                F(1, 196)         =      19.37
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0746
                                                Root MSE          =     .6891

------------------------------------------------------------------------------
             |               Robust
       lnsus |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         DPD |  -.4680992   .1063552    -4.40   0.000    -.6778467   -.2583517
       _cons |   7.487745   .0575452   130.12   0.000     7.374258    7.601232
------------------------------------------------------------------------------

50 . outreg2 using Assignment4Table2,excel ctitle(DPD on Sus,Simple Bivariable Regression) append
   Assignment4Table2.xml
   dir : seeout

51 .
52 . * 3: District Fixed Effects
53 . xtset District

   Panel variable: District (balanced)

54 . xtreg lnsus DPD, fe robust

Fixed-effects (within) regression               Number of obs     =        198
Group variable: District                        Number of groups  =         22

R-squared:                                      Obs per group:
     Within  = 0.3008                                         min =          9
     Between = 0.0010                                         avg =        9.0
     Overall = 0.0746                                         max =          9

                                                F(1,21)           =     223.99
corr(u_i, Xb) = -0.2081                         Prob > F          =     0.0000

                              (Std. Err. adjusted for 22 clusters in District)
------------------------------------------------------------------------------
             |               Robust
       lnsus |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         DPD |  -.7577571   .0506311   -14.97   0.000    -.8630503   -.6524639
       _cons |   7.552113   .0112514   671.22   0.000     7.528715    7.575512
-------------+----------------------------------------------------------------
     sigma_u |  .59217916
     sigma_e |   .4117293
         rho |  .67412161   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

```
55 . outreg2 using Assignment4Table2,excel ctitle(DPD on Sus,FE Regression Implict) addtext(District FE,YES) ap
   > pend
   Assignment4Table2.xml
   dir : seeout

56 .
57 . reg lnsus DPD i.District, robust
```

Linear regression

Number of obs	= **198**
F(22, 175)	= **30.93**
Prob > F	= **0.0000**
R-squared	= **0.7050**
Root MSE	= **.41173**

lnsus	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
DPD	**-.7577571**	**.0674117**	**-11.24**	**0.000**	**-.8908018**	**-.6247125**
District						
2	**-.5566188**	**.2015494**	**-2.76**	**0.006**	**-.9543992**	**-.1588384**
3	**-.7420757**	**.1516761**	**-4.89**	**0.000**	**-1.041425**	**-.4427259**
4	**-.9043118**	**.2242851**	**-4.03**	**0.000**	**-1.346964**	**-.4616599**
5	**.0226251**	**.162013**	**0.14**	**0.889**	**-.2971259**	**.342376**
6	**.5547063**	**.1259204**	**4.41**	**0.000**	**.3061882**	**.8032245**
7	**.7501247**	**.1284637**	**5.84**	**0.000**	**.4965872**	**1.003662**
8	**-.1315095**	**.1593781**	**-0.83**	**0.410**	**-.4460601**	**.1830412**
9	**.2809297**	**.1542225**	**1.82**	**0.070**	**-.0234457**	**.5853052**
10	**1.282264**	**.1642808**	**7.81**	**0.000**	**.9580372**	**1.60649**
11	**-.4934533**	**.2413805**	**-2.04**	**0.042**	**-.9698449**	**-.0170617**
12	**-.3979248**	**.1567453**	**-2.54**	**0.012**	**-.7072793**	**-.0885703**
13	**-1.196147**	**.2041537**	**-5.86**	**0.000**	**-1.599067**	**-.7932263**
14	**-.9468674**	**.1118741**	**-8.46**	**0.000**	**-1.167663**	**-.7260713**
15	**-.5986276**	**.1786447**	**-3.35**	**0.001**	**-.951203**	**-.2460523**
16	**.072778**	**.2098975**	**0.35**	**0.729**	**-.3414784**	**.4870344**
17	**-.5296157**	**.1326298**	**-3.99**	**0.000**	**-.7913755**	**-.2678558**
18	**-.4058699**	**.1782205**	**-2.28**	**0.024**	**-.757608**	**-.0541317**
19	**-.2697697**	**.207447**	**-1.30**	**0.195**	**-.6791896**	**.1396502**
20	**-.4353226**	**.1265453**	**-3.44**	**0.001**	**-.6850741**	**-.1855712**
21	**.3736307**	**.1279651**	**2.92**	**0.004**	**.1210771**	**.6261843**
22	**-.1441826**	**.1522799**	**-0.95**	**0.345**	**-.4447242**	**.156359**
_cons	**7.752806**	**.103753**	**74.72**	**0.000**	**7.548038**	**7.957574**

```
58 . outreg2 using Assignment4Table3,excel ctitle(District Fixed Effects,FE Regression Explict) addtext(Distric
   > t FE,YES) append
   Assignment4Table3.xml
   dir : seeout

59 .
60 . * 4: District Fixed Effects with Time Effects
61 . xtset District Year

   Panel variable: District (strongly balanced)
    Time variable: Year, 2009 to 2017
            Delta: 1 unit

62 . xtreg lnsus DPD i.Year, fe robust

   Fixed-effects (within) regression               Number of obs     =       198
   Group variable: District                        Number of groups  =        22

   R-squared:                                      Obs per group:
        Within  = 0.8416                                         min =         9
        Between = 0.0010                                         avg =       9.0
        Overall = 0.3520                                         max =         9

                                                   F(9,21)           =     76.23
   corr(u_i, Xb) = -0.0047                         Prob > F          =     0.0000

                                (Std. err. adjusted for 22 clusters in District)
```

lnsus	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
DPD	-.1043419	.0716725	-1.46	0.160	-.2533929	.0447092
Year						
2010	-.3216898	.0472347	-6.81	0.000	-.4199198	-.2234599
2011	.1355344	.0570698	2.37	0.027	.0168514	.2542174
2012	-.2193401	.0846747	-2.59	0.017	-.3954307	-.0432494
2013	-.588756	.0948503	-6.21	0.000	-.786008	-.391504
2014	-.5920856	.0894045	-6.62	0.000	-.7780124	-.4061588
2015	-.6215099	.0771704	-8.05	0.000	-.7819945	-.4610253
2016	-.8892434	.0831913	-10.69	0.000	-1.062249	-.7162376
2017	-1.228354	.0955371	-12.86	0.000	-1.427035	-1.029674
_cons	7.887515	.0592131	133.21	0.000	7.764375	8.010655
sigma_u	.5560963					
sigma_e	.20061645					
rho	.8848409	(fraction of variance due to u_i)				

```
63 . outreg2 using Assignment4Table2,excel ctitle(DPD on Sus,Implict) addtext(District FE,YES,Year FE,YES) appe
   > nd
   Assignment4Table2.xml
   dir : seeout

64 .
65 . reg lnsus DPD i.District i.Year,robust

   Linear regression                               Number of obs     =        198
                                                   F(30, 167)        =     187.58
                                                   Prob > F          =     0.0000
                                                   R-squared         =     0.9332
                                                   Root MSE          =     .20062
```

lnsus	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
DPD	-.1043419	.056548	-1.85	0.067	-.2159831	.0072993
District						
2	-.1936103	.0936307	-2.07	0.040	-.3784626	-.0087581
3	-.3790672	.0941848	-4.02	0.000	-.5650136	-.1931208
4	-.5413033	.1024285	-5.28	0.000	-.7435249	-.3390817
5	.0226251	.1154935	0.20	0.845	-.2053903	.2506405
6	.5547063	.1203764	4.61	0.000	.3170507	.7923619
7	.7501247	.0957492	7.83	0.000	.5610899	.9391596
8	-.0589078	.1039464	-0.57	0.572	-.2641261	.1463106
9	.3535314	.0934255	3.78	0.000	.1690842	.5379786
10	1.645272	.0834754	19.71	0.000	1.480469	1.810075
11	-.1304448	.1449289	-0.90	0.369	-.4165738	.1556841
12	-.0349163	.1150599	-0.30	0.762	-.2620759	.1922432
13	-.8331382	.0952604	-8.75	0.000	-1.021208	-.6450683
14	-.8742657	.0981174	-8.91	0.000	-1.067976	-.6805553
15	-.2356192	.0972449	-2.42	0.016	-.4276069	-.0436314
16	.4357865	.102916	4.23	0.000	.2326024	.6389705
17	-.457014	.0765211	-5.97	0.000	-.6080874	-.3059405
18	-.0428614	.0841256	-0.51	0.611	-.2089481	.1232252
19	.0932387	.1072557	0.87	0.386	-.118513	.3049904
20	-.362721	.0762491	-4.76	0.000	-.5132573	-.2121846
21	.4462324	.0818236	5.45	0.000	.2846905	.6077743
22	.2188259	.0970979	2.25	0.026	.0271283	.4105234
Year						
2010	-.3216898	.068298	-4.71	0.000	-.4565285	-.1868512
2011	.1355344	.069492	1.95	0.053	-.0016616	.2727304
2012	-.2193401	.0709195	-3.09	0.002	-.3593544	-.0793257
2013	-.588756	.0824548	-7.14	0.000	-.7515441	-.425968
2014	-.5920856	.0749409	-7.90	0.000	-.7400392	-.444132
2015	-.6215099	.0751917	-8.27	0.000	-.7699586	-.4730612
2016	-.8892434	.0710904	-12.51	0.000	-1.029595	-.7488916
2017	-1.228354	.0832816	-14.75	0.000	-1.392775	-1.063934
_cons	7.870403	.0983925	79.99	0.000	7.676149	8.064656

```
66 . outreg2 using Assignment4Table3,excel ctitle(District Fixed Effects with Time Effects,Explict) addtext(Dis
   > trict FE,YES,Year FE,YES) append
   Assignment4Table3.xml
   dir : seeout

67 .
68 .
69 . save GradedAssignment4_WangSiqi, replace
   file GradedAssignment4_WangSiqi.dta saved
```