

```

1 . do "/var/folders/6_/w9g0lyhn5632jr666js3y_lw0000gn/T//SD27772.000000"
2 . clear
3 .
   end of do-file
4 . do "/var/folders/6_/w9g0lyhn5632jr666js3y_lw0000gn/T//SD27772.000000"
5 . use red_sox_combined.dta
6 .
   end of do-file
7 . do "/var/folders/6_/w9g0lyhn5632jr666js3y_lw0000gn/T//SD27772.000000"
8 . generate year = substr(file, -8, 4)
9 . destring year, replace
   year: all characters numeric; replaced as int
10 .
11 .
12 . regress price_per_ticket days_from_transaction_until_game i.year

```

Source	SS	df	MS	Number of obs	=	453,171
Model	80411903.4	4	20102975.8	F(4, 453166)	=	3059.64
Residual	2.9775e+09	453,166	6570.36635	Prob > F	=	0.0000
				R-squared	=	0.0263
				Adj R-squared	=	0.0263
Total	3.0579e+09	453,170	6747.75149	Root MSE	=	81.058

price_per_ticket	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
days_from_transaction_until_game	.2938442	.0028894	101.70	0.000	.2881811	.2995074
year						
2010	-10.69925	.3428371	-31.21	0.000	-11.3712	-10.0273
2011	-2.843245	.3251769	-8.74	0.000	-3.480582	-2.205908
2012	-15.14333	.3854893	-39.28	0.000	-15.89888	-14.38778
_cons	86.11722	.2701592	318.76	0.000	85.58771	86.64672

```

13 . regress price_per_ticket c.days_from_transaction_until_game##i.year

```

Source	SS	df	MS	Number of obs	=	453,171
Model	94237783.7	7	13462540.5	F(7, 453163)	=	2058.52
Residual	2.9636e+09	453,163	6539.90012	Prob > F	=	0.0000
				R-squared	=	0.0308
				Adj R-squared	=	0.0308
Total	3.0579e+09	453,170	6747.75149	Root MSE	=	80.87

price_per_ticket	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
days_from_transaction_until_game	.095052	.0059366	16.01	0.000	.0834164	.1066875
year						
2010	-18.25868	.4428621	-41.23	0.000	-19.12668	-17.39069
2011	-10.30543	.4151982	-24.82	0.000	-11.1192	-9.49165
2012	-30.14842	.506132	-59.57	0.000	-31.14042	-29.15641

year#c.days_from_transaction_until_game						
2010	.2112796	.008184	25.82	0.000	.1952393	.22732
2011	.2096944	.0079123	26.50	0.000	.1941864	.2252023
2012	.4016347	.0087794	45.75	0.000	.3844274	.418842
_cons	93.27032	.3279016	284.45	0.000	92.62764	93.91299

14 .

15 . regress price_per_ticket days_from_transaction_until_game weekend_game i.year

Source	SS	df	MS	Number of obs	=	452,936
Model	148094693	5	29618938.6	F(5, 452930)	=	4625.52
Residual	2.9003e+09	452,930	6403.3683	Prob > F	=	0.0000
Total	3.0484e+09	452,935	6730.26438	R-squared	=	0.0486
				Adj R-squared	=	0.0486
				Root MSE	=	80.021

price_per_ticket	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
days_from_transaction_until_game	.2682077	.0028633	93.67	0.000	.2625957	.2738197
weekend_game	24.66261	.2395545	102.95	0.000	24.1931	25.13213
year						
2010	-11.15413	.3386521	-32.94	0.000	-11.81788	-10.49039
2011	-2.106375	.3211968	-6.56	0.000	-2.735911	-1.476839
2012	-14.20117	.3807396	-37.30	0.000	-14.94741	-13.45493
_cons	73.34793	.2941383	249.37	0.000	72.77143	73.92443

16 . regress price_per_ticket weekend_game c.days_from_transaction_until_game##i.year

Source	SS	df	MS	Number of obs	=	452,936
Model	161679672	8	20209959.1	F(8, 452927)	=	3170.98
Residual	2.8867e+09	452,927	6373.41696	Prob > F	=	0.0000
Total	3.0484e+09	452,935	6730.26438	R-squared	=	0.0530
				Adj R-squared	=	0.0530
				Root MSE	=	79.834

price_per_ticket	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
weekend_game	24.64886	.2391118	103.09	0.000	24.18021	25.11751
days_from_transaction_until_game	.0769769	.0058658	13.12	0.000	.0654802	.0884737
year						
2010	-17.85622	.4374372	-40.82	0.000	-18.71358	-16.99885
2011	-9.497078	.4101787	-23.15	0.000	-10.30102	-8.693141
2012	-29.11749	.4999287	-58.24	0.000	-30.09734	-28.13765
year#c.days_from_transaction_until_game						
2010	.185502	.0080848	22.94	0.000	.1696561	.2013479
2011	.2089297	.0078127	26.74	0.000	.193617	.2242424
2012	.3986054	.0086685	45.98	0.000	.3816154	.4155954
_cons	80.24397	.3474607	230.94	0.000	79.56296	80.92498

17 .

18 . regress price_per_ticket days_from_transaction_until_game weekend_game day_game i.year

Source	SS	df	MS	Number of obs	=	452,936
Model	158470877	6	26411812.8	F(6, 452929)	=	4139.48
Residual	2.8899e+09	452,929	6380.47336	Prob > F	=	0.0000
				R-squared	=	0.0520
				Adj R-squared	=	0.0520
Total	3.0484e+09	452,935	6730.26438	Root MSE	=	79.878

price_per_ticket	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
days_from_transaction_until_game	.2682762	.0028582	93.86	0.000	.2626743	.2738782
weekend_game	22.49997	.2450656	91.81	0.000	22.01965	22.98029
day_game	10.77662	.2672332	40.33	0.000	10.25285	11.30039
year						
2010	-11.11541	.3380475	-32.88	0.000	-11.77797	-10.45284
2011	-2.806259	.3210914	-8.74	0.000	-3.435588	-2.176929
2012	-16.09099	.3829366	-42.02	0.000	-16.84153	-15.34044
_cons	71.79448	.2961282	242.44	0.000	71.21408	72.37488

19 . regress price_per_ticket weekend_game day_game c.days_from_transaction_until_game##i.year

Source	SS	df	MS	Number of obs	=	452,936
Model	173441180	9	19271242.2	F(9, 452926)	=	3036.05
Residual	2.8749e+09	452,926	6347.4632	Prob > F	=	0.0000
				R-squared	=	0.0569
				Adj R-squared	=	0.0569
Total	3.0484e+09	452,935	6730.26438	Root MSE	=	79.671

price_per_ticket	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
weekend_game	22.34589	.2445484	91.38	0.000	21.86658	22.8252
day_game	11.50542	.2672828	43.05	0.000	10.98155	12.02929
days_from_transaction_until_game	.0739999	.0058542	12.64	0.000	.0625258	.0854741
year						
2010	-17.75958	.4365514	-40.68	0.000	-18.61521	-16.90396
2011	-10.20633	.4096742	-24.91	0.000	-11.00928	-9.403378
2012	-31.95106	.5032337	-63.49	0.000	-32.93738	-30.96474
year#c.days_from_transaction_until_game						
2010	.1834693	.0080684	22.74	0.000	.1676555	.1992832
2011	.2067726	.0077969	26.52	0.000	.1914909	.2220544
2012	.4199008	.008665	48.46	0.000	.4029177	.4368839
_cons	78.69206	.3486217	225.72	0.000	78.00877	79.37535

20 .

21 . tabulate sectiontype, gen(sectiontype)

sectiontype	Freq.	Percent	Cum.
DUGOUTBOX	1,743	0.38	0.38
EMCLUB	930	0.21	0.59
FamilyGS	6,678	1.47	2.06
FieldBox	28,916	6.38	8.44
IFGS	79,634	17.57	26.02
LFPAV	1,728	0.38	26.40
LogeBox	36,210	7.99	34.39
LowerBleachers	103,256	22.79	57.17

MONSTR	2,826	0.62	57.80
MONSTR_SRO	2,926	0.65	58.44
PAVBOX	4,500	0.99	59.44
PAVCLB_HP	750	0.17	59.60
PAVCLUB	3,351	0.74	60.34
PAVSRO	5,045	1.11	61.45
RFDECK_SRO	1,438	0.32	61.77
RFDECK_TABLE	874	0.19	61.96
RFFieldBox	46,208	10.20	72.16
RFGS	63,931	14.11	86.27
RFR00FBOX	7,254	1.60	87.87
SRO	12,348	2.72	90.59
UpperBleachers	42,625	9.41	100.00
Total	453,171	100.00	

22 . regress price_per_ticket days_from_transaction_until_game weekend_game day_game sectiontype5 sectiontype8 sectiontype17 sectiontype18 i.year

Source	SS	df	MS	Number of obs	=	452,936
				F(10, 452925)	=	8738.22
Model	493003890	10	49300389	Prob > F	=	0.0000
Residual	2.5554e+09	452,925	5641.92395	R-squared	=	0.1617
				Adj R-squared	=	0.1617
Total	3.0484e+09	452,935	6730.26438	Root MSE	=	75.113

price_per_ticket	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
days_from_transaction_until_game	.2746242	.0026906	102.07	0.000	.2693507	.2798976
weekend_game	20.504	.230637	88.90	0.000	20.05196	20.95604
day_game	9.685578	.2513793	38.53	0.000	9.192882	10.17827
sectiontype5	-29.35635	.3260981	-90.02	0.000	-29.99549	-28.71721
sectiontype8	-63.08877	.3002749	-210.10	0.000	-63.6773	-62.50024
sectiontype17	-27.44661	.3968386	-69.16	0.000	-28.2244	-26.66882
sectiontype18	-65.13825	.3515467	-185.29	0.000	-65.82727	-64.44923
year						
2010	-11.16875	.3179011	-35.13	0.000	-11.79182	-10.54567
2011	-2.995501	.3019747	-9.92	0.000	-3.587362	-2.403639
2012	-16.75329	.3601179	-46.52	0.000	-17.45911	-16.04747
_cons	104.6987	.3180996	329.14	0.000	104.0752	105.3222

23 . regress price_per_ticket weekend_game day_game sectiontype5 sectiontype8 sectiontype17 sectiontype18 c.days_from_transaction_until_game##i.year

Source	SS	df	MS	Number of obs	=	452,936
				F(13, 452922)	=	6990.77
Model	509443167	13	39187935.9	Prob > F	=	0.0000
Residual	2.5389e+09	452,922	5605.66528	R-squared	=	0.1671
				Adj R-squared	=	0.1671
Total	3.0484e+09	452,935	6730.26438	Root MSE	=	74.871

price_per_ticket	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
weekend_game	20.3272	.2300077	88.38	0.000	19.87639	20.778
day_game	10.47624	.2512656	41.69	0.000	9.983762	10.96871
sectiontype5	-29.60907	.3250927	-91.08	0.000	-30.24624	-28.9719
sectiontype8	-63.27485	.29934	-211.38	0.000	-63.86155	-62.68816
sectiontype17	-27.83839	.3956372	-70.36	0.000	-28.61382	-27.06295
sectiontype18	-65.27202	.3504575	-186.25	0.000	-65.9589	-64.58513

days_from_transaction_until_game	.0776592	.0055028	14.11	0.000	.0668738	.0884446
year						
2010	-17.99924	.4102813	-43.87	0.000	-18.80337	-17.1951
2011	-10.15595	.3850037	-26.38	0.000	-10.91054	-9.401352
2012	-33.42619	.4729708	-70.67	0.000	-34.3532	-32.49919
year#c.days_from_transaction_until_game						
2010	.1888458	.0075829	24.90	0.000	.1739836	.203708
2011	.1975251	.0073276	26.96	0.000	.1831632	.211887
2012	.4408152	.0081447	54.12	0.000	.4248518	.4567787
_cons	111.8352	.3622684	308.71	0.000	111.1252	112.5453

24 .
end of do-file

25 .