

Appendix B: Original and Corrected Regression Results

Original Regression Results

<i>Regression Statistics</i>						
Multiple R		0.56				
R Square		0.31				
Adjusted R Square		0.20				
Standard Error		4.40				
Observations		96				

ANOVA						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	13	723.0512	55.6193	2.8761	0.0018	
Residual	82	1,585.7282	19.3381			
Total	95	2,308.7793				

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	3.7227	8.2783	0.4497	0.6541	(12.7454)	20.1908
%0-5	1.5340	2.5110	0.6109	0.5429	(3.4611)	6.5291
%65+	(36.5958)	24.5264	(1.4921)	0.1395	(85.3867)	12.1951
%WHITE	(6.0083)	3.2309	(1.8596)	0.0665	(12.4356)	0.4191
%MALE	7.4301	3.6992	2.0086	0.0479	0.0713	14.7889
%Home	10.5319	7.1046	1.4824	0.1421	(3.6015)	24.6653
%Hosp	9.7359	8.5143	1.1435	0.2562	(7.2018)	26.6736
%ICUonLS	(3.7250)	8.4221	(0.4423)	0.6594	(20.4793)	13.0292
%PrevTP	(1.8279)	4.4791	(0.4081)	0.6843	(10.7382)	7.0824
AvgColdIS	(0.7883)	0.2877	(2.7405)	0.0075	(1.3606)	(0.2161)
bdtot	0.0001	0.0018	0.0681	0.9459	(0.0035)	0.0037
#PATS	(0.0392)	0.0487	(0.8063)	0.4224	(0.1360)	0.0576
94YTDest	0.1428	0.1721	0.8295	0.4092	(0.1996)	0.4851
TotTP	0.0134	0.0524	0.2549	0.7995	(0.0909)	0.1176

Regression Results with Multicollinearity Correction

<i>Regression Statistics</i>						
Multiple R		0.55				
R Square		0.31				
Adjusted R Square		0.20				
Standard Error		4.40				
Observations		96				

ANOVA						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	12	704.2339	58.6862	3.0357	0.0014	
Residual	83	1,604.5454	19.3319			
Total	95	2,308.7793				

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	(1.8073)	12.4346	(0.1453)	0.8848	(26.5393)	22.9247
% 0-5	1.5180	2.5408	0.5974	0.55	(3.54)	6.57
% 65+	(36.0959)	23.9703	(1.5059)	0.14	(83.77)	11.58
%WHITE	(6.1006)	3.2587	(1.8721)	0.06	(12.58)	0.38
%MALE	7.5590	3.6410	2.0761	0.04	0.32	14.80
%Home	10.0261	6.8203	1.4700	0.15	(3.54)	23.59
%Hosp	9.2313	8.3787	1.1018	0.27	(7.43)	25.90
%ICUonLS	(1.5409)	9.1645	(0.1681)	0.87	(19.77)	16.69
%PrevTP	(0.5655)	4.6683	(0.1211)	0.90	(9.85)	8.72
AvgColdIS	(0.7752)	0.2678	(2.8951)	0.00	(1.31)	(0.24)
bdtot	(0.0005)	0.0018	(0.2512)	0.80	(0.00)	0.00
94YTDest	0.0154	0.0120	1.2819	0.20	(0.01)	0.04
#PATS/TOTTP	6.3103	9.5618	0.6600	0.51	(12.71)	25.33