APPENDIX

Table A-1. Coefficients for Stepwise Regression Model for ED Costs

```
Estimate Std. Error t value Pr(>|t|)
                                              7.004e+00
                                                          -5.132 2.98e-07
                                 -3.594e+01
                                                                           ***
(Intercept)
                                  7.059e-01
                                                           3.740 0.000186 ***
                                              1.888e-01
StateAR
                                                                           ***
                                                           3.371 0.000754
                                  6.120e-01
                                              1.815e-01
StateLA
                                                           3.858 0.000116 ***
                                  6.396e-01
                                              1.658e-01
StateNC
                                                                   < 2e-16 ***
                                  2.355e-04
                                              2.442e-05
                                                           9.642
EDS
                                 -3.244e-03
3.333e-05
                                              3.289e-04
                                                          -9.863
                                                                   < 2e-16
HOS
                                              2.402e-05
                                                           1.388 0.165229
POS
                                                          -5.412 6.52e-08 ***
                                              2.818e-04
WhitePop
                                 -1.525e-03
                                                           5.334 1.00e-07 ***
                                              3.041e-02
Healthy Pop
                                  1.622e-01
                                              3.048e-02
ChronicPop
                                  1.582e-01
                                                           5.190 2.19e-07 ***
Unemployment
                                 -3.022e-03
                                              9.798e-04
                                                          -3.084 0.002052 **
                                              1.860e-07
                                                           3.136 0.001720 **
                                  5.833e-07
Income
                                 -1.894e-05
                                              8.790e-06
                                                          -2.155 0.031242
TotalChild
                                                          -2.320 0.020377
                                              3.619e-06
TotalAdult
                                 -8.395e-06
                                                          -2.115 0.034466
3.381 0.000728
Accessibility
                                 -1.977e-03
                                              9.347e-04
RankingsPCP
                                  4.350e-04
                                              1.287e-04
                                                          3.495 0.000478
2.395 0.016637
-2.758 0.005842
                                                                           ***
RankingsFood
                                  1.461e-02
                                              4.180e-03
                                  3.031e-03
                                              1.265e-03
RankingsHousing
                                 -3.096e-03
                                              1.123e-03
RankingsSocial
                                              9.590e-03
                                                                   < 2e-16 ***
Availability.NewLow
                                 -8.406e-02
                                                          -8.766
                                 -1.795e-02
                                              7.487e-03
                                                          -2.397 0.016555
Availability.NewMiddle
Accessibility.NewHigh
                                  1.508e-02
                                              1.015e-02
                                                           1.485 0.137518
                                                          -3.407 0.000662 ***
Accessibility.NewLow
                                 -2.937e-02
                                              8.619e-03
                                                                   < 2e-16
                                  4.753e-01
                                                          25.948
                                              1.832e-02
log(EDs)
                                 -4.269e-01
                                                                   < 2e-16
log(POs)
                                              1.792e-02
                                                         -23.822
                                                                           ***
                                                           5.538 3.22e-08 ***
inv.logit(range01(ComplexPop))
                                 4.360e+01
                                              7.872e+00
                                                                 1.30e-10 ***
< 2e-16 ***
                                 -1.680e-04
                                              2.608e-05
StateAR: EDs
                                                          -6.441
                                 -2.438e-04
                                              2.391e-05
                                                         -10.197
StateLA: EDs
                                              2.360e-05
                                 -2.199e-04
                                                          -9.319
                                                                   < 2e-16
StateNC: EDs
                                                           2.561 0.010478
                                              2.678e-05
                                  6.856e-05
StateAR: POs
                                              2.596e-05
                                                                           ***
                                  1.229e-04
                                                           4.736 2.24e-06
StateLA: POs
                                                           1.436 0.150953
                                  3.234e-05
                                              2.251e-05
StateNC: POs
                                 -2.598e-04
                                              5.388e-04
                                                          -0.482 0.629719
StateAR:HOs
                                                           7.168 8.75e-13
                                  2.556e-03
                                              3.566e-04
StateLA:HOs
                                  3.659e-04
                                              4.678e-04
                                                           0.782 0.434113
StateNC:HOs
StateAR: HealthyPop
                                 -3.990e-03
                                              2.305e-03
                                                          -1.731 0.083435
                                              2.180e-03
                                                          -4.029 5.70e-05
StateLA: HealthyPop
                                 -8.783e-03
                                  5.319e-03
                                              2.084e-03
                                                           2.552 0.010728
StateNC:HealthyPop
                                              5.904e-03
StateAR: Chronic Pop
                                  1.797e-02
                                                           3.044 0.002347
StateLA:ChronicPop
                                 -5.479e-03
                                              5.043e-03
                                                          -1.087 0.277272
StateNC:ChronicPop
                                 -1.376e-03
                                              4.721e-03
                                                          -0.291 0.770762
                                              4.849e-04
                                                                           ***
                                  2.522e-03
                                                           5.201 2.07e-07
StateAR:WhitePop
                                                                   < 2e-16 ***
StateLA: WhitePop
                                  4.116e-03
                                              4.184e-04
                                                           9.835
                                  3.774e-03
                                              3.769e-04
                                                          10.013
                                                                   < 2e-16
                                                                           ***
StateNC:WhitePop
                                                          -0.922 0.356589
4.375 1.24e-05
                                              1.839e-03
                                 -1.695e-03
StateAR: Unemployment
                                              1.375e-03
StateLA: Unemployment
                                  6.015e-03
                                  5.843e-03
                                                           4.784 1.77e-06 ***
StateNC:Unemployment
                                              1.221e-03
Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
Residual standard error: 0.1863 on 4971 degrees of freedom
Multiple R-squared: 0.9027,
                                Adjusted R-squared: 0.9018
F-statistic: 1003 on 46 and 4971 DF, p-value: < 2.2e-16
```

Table A-2. Coefficients for Lasso Regression Model for ED Costs

DS. scale			
Nos.scale	EDs.scale	0.025719071	
HOS. scale	log.EDs.scale	4.649557028	
Pos. scale		-0.507605034	
Nog. Pos. scale	POs.scale		
### Color			
BlackPop.scale			
Og.Otherpop.scale			
inv.logit.ComplexPop.scale 0.223490320 Unemployment.scale 0.039003724 Income.scale 0.136306000 Totalchild.scale -0.081588491 Accessibility.scale -0.018214088 Availability.scale 0.011219230 RankingsPCP.scale 0.07125293 RankingsHousing.scale 0.068348252 RankingsSocial.scale -0.059057128 ProvDensity.scale -0.09057128 ProvDensity.scale -0.010447672 RankingsFood.scale 0.066658901 StateAR 0.388276566 StateLA 0.053705383 StateNC 0.933901079 Urbanicitysuburban 0.010512010 Urbanicityburban 0.009030693 Accessibility.NewHigh 0.064107472 Availability.NewLow -0.064107472 Availability.NewLow -0.064107472 Availability.NewLow -0.064107472 Availability.StateA 0.858753189 EDs.scale:StateA 0.814272016 POs.scale:StateA 0.675640721 ChronicPop.scale:StateA			
UnempToyment.scale			
Income.scale			
Totalchild.scale			
TotalAdult.scale			
Accessibility.scale			
Availability.scale RankingsPCP.scale RankingsPCP.scale RankingsSocial.scale ProvDensity.scale ProvDensity.scale ProvDensity.scale ProvDensity.scale O.059057128 ProvDensity.scale O.060658901 StateAR O.053705383 StateLA StateNC O.933901079 UrbanicitySuburban UrbanicityUrban Accessibility.NewHigh Accessibility.NewHigh Accessibility.NewLow Availability.NewLow Availability.NewLow Availability.NewMiddle EDs.scale:StateAR EDs.scale:StateAR EDs.scale:StateAR POS.scale:StateAR POS.scale:StateAR HOS.scale:StateAR ChronicPop.scale:StateAR ChronicPop.scale:StateAR ChronicPop.scale:StateAR ChronicPop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR O.215967001 WhitePop.scale:StateAA O.215967001 WhitePop.scale:StateAA O.215967001 WhitePop.scale:StateAA O.215967001			
RankingsPCP.scale RankingsBocial.scale RankingsSocial.scale ProvDensity.scale ProvDensity.scale ProvDensity.scale ProvDensity.scale ProvDensity.scale ProvDensity.scale ProvDensity.scale O.060658901 StateAR O.388276566 StateLA O.53705383 StateNC O.933901079 UrbanicityUrban Accessibility.NewHigh Accessibility.NewLow Availability.NewLow Availability.NewLow Availability.NewLow Availability.NewMiddle EDs.scale:StateAR EDs.scale:StateAR EDs.scale:StateLA EDs.scale:StateLA CDs.scale:StateAR POS.scale:StateAR O.141267308 POS.scale:StateAR POS.scale:StateAR O.814472016 POS.scale:StateAR HOS.scale:StateAR ChronicPop.scale:StateAR ChronicPop.scale:S			
RankingsHousing.scale RankingsSocial.scale ProvDensity.scale RankingsFood.scale RankingsFood.scale StateAR StateAR StateNC UrbanicitySuburban UrbanicityUrban Accessibility.NewHigh Accessibility.NewLow Availability.NewLow Availability.NewMiddle EDS.scale:StateAR EDS.scale:StateAR EDS.scale:StateAR POS.scale:StateAR POS.scale:StateAR HOS.scale:StateAR HOS.scale:StateAR ChronicPop.scale:StateAR ChronicPop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAA WhitePop.scale:S	Availability.scale		
RankingsSocial.scale ProvDensity.scale RankingsFood.scale StateAR StateLA StateLA StateNC UrbanicityUrban Accessibility.NewHigh Accessibility.NewLow Availability.NewLow Availability.NewMiddle EDS.scale:StateAR EDS.scale:StateAR POS.scale:StateAR POS.scale:StateAR POS.scale:StateAR ChronicPop.scale:StateAR ChronicPop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAAR WhitePop.scale:StateAA WhitePop.sc	RankingsPCP.scale	0.071252293	
RankingsSocial.scale ProvDensity.scale RankingsFood.scale StateAR StateLA StateLA StateNC UrbanicityUrban Accessibility.NewHigh Accessibility.NewLow Availability.NewLow Availability.NewMiddle EDS.scale:StateAR EDS.scale:StateAR POS.scale:StateAR POS.scale:StateAR POS.scale:StateAR ChronicPop.scale:StateAR ChronicPop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAR WhitePop.scale:StateAAR WhitePop.scale:StateAA WhitePop.sc	RankingsHousing.scale	0.068348252	
ProvDensity.scale RankingsFood.scale StateAR O.060658901 StateAR O.053705383 StateNC O.0933901079 UrbanicitySuburban UrbanicityUrban Accessibility.NewHigh Accessibility.NewLow Availability.NewLow Availability.NewLow EDS.scale:StateAR EDS.scale:StateAR EDS.scale:StateLA EDS.scale:StateLA EDS.scale:StateLA EDS.scale:StateLA EDS.scale:StateAR O.141267308 POS.scale:StateLA DOS.scale:StateLA EDS.scale:StateLA CHOS.scale:StateLA O.075544890 HOS.scale:StateNC ChronicPop.scale:StateLA ChronicPop.scale:StateLA ChronicPop.scale:StateLA ChronicPop.scale:StateLA ChronicPop.scale:StateLA WhitePop.scale:StateLA WhitePop.scale:StateLA WhitePop.scale:StateLA WhitePop.scale:StateLA WhitePop.scale:StateLA WhitePop.scale:StateLA O.215967001 WhitePop.scale:StateLA O.225967001 O.388276566 O.388276566 O.388276566 O.388276566 O.388276566 O.393901079 O.009030693 O.00903		-0.059057128	
RankingsFood.scale StateAR		-0.010447672	
StateAR 0.388276566 StateNC 0.933901079 UrbanicitySuburban 0.010512010 UrbanicityUrban . Accessibility.NewHigh 0.009030693 Accessibility.NewLow -0.020261292 Availability.NewLow -0.064107472 Availability.NewMiddle -0.002672922 EDs.scale:StateAR 0.858753189 EDs.scale:StateLA . EDs.scale:StateAR 0.141267308 POs.scale:StateAR 0.814472016 POs.scale:StateAR 0.814472016 POs.scale:StateAR -0.609987429 HOs.scale:StateAR -0.075544890 HOs.scale:StateNC -0.675640721 ChronicPop.scale:StateAR 0.214942821 ChronicPop.scale:StateAR 0.215967001 WhitePop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428			
StateNC 0.053705383 StateNC 0.933901079 UrbanicitySuburban 0.010512010 UrbanicityUrban . Accessibility.NewHigh 0.009030693 Accessibility.NewLow -0.064107472 Availability.NewMiddle -0.002672922 EDS.scale:StateAR 0.858753189 EDS.scale:StateLA . EDS.scale:StateAR 0.141267308 POS.scale:StateLA 0.814472016 POS.scale:StateAR -0.609987429 HOS.scale:StateAR -0.609987429 HOS.scale:StateLA 0.075544890 HOS.scale:StateAR -0.675640721 ChronicPop.scale:StateAR 0.214942821 ChronicPop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428			
StateNC 0.933901079 UrbanicitySuburban 0.010512010 UrbanicityUrban . Accessibility.NewHigh 0.009030693 Accessibility.NewLow -0.020261292 Availability.NewLow -0.064107472 Availability.NewMiddle -0.002672922 EDs.scale:StateAR 0.858753189 EDs.scale:StateLA . POs.scale:StateAR 0.141267308 POs.scale:StateLA 0.814472016 POs.scale:StateNC . HOs.scale:StateAR -0.609987429 HOs.scale:StateLA 0.075544890 HOs.scale:StateNC -0.675640721 ChronicPop.scale:StateAR 0.214942821 ChronicPop.scale:StateAR 0.214942821 WhitePop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428			
UrbanicitySuburban 0.010512010 UrbanicityUrban . Accessibility.NewHigh 0.009030693 Accessibility.NewLow -0.020261292 Availability.NewLow -0.002672922 EDs.scale:StateAR 0.858753189 EDs.scale:StateLA . EDs.scale:StateAR 0.141267308 POs.scale:StateLA 0.814472016 POs.scale:StateNC -0.609987429 HOs.scale:StateAR -0.609987429 HOs.scale:StateAR -0.675640721 ChronicPop.scale:StateAR 0.214942821 ChronicPop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428			
UrbanicityUrban Accessibility.NewHigh Accessibility.NewLow Availability.NewLow Availability.NewMow Availability.NewMiddle EDs.scale:StateAR EDs.scale:StateLA EDs.scale:StateLA EDs.scale:StateLA EDs.scale:StateNC POs.scale:StateAR POs.scale:StateAR POs.scale:StateLA ChronicPop.scale:StateAR ChronicPop.scale:StateAR ChronicPop.scale:StateLA ChronicPop.scale:StateAR Chron			
Accessibility.NewLow Accessibility.NewLow Availability.NewLow Availability.NewMiddle EDs.scale:StateAR EDs.scale:StateAR EDs.scale:StateAR POs.scale:StateAR		0.010312010	
Accessibility.NewLow	Accessibility Newligh	0 000020602	
Availability.NewLow			
Availability.NewMiddle			
EDs.scale:StateAR			
EDs.scale:StateLA . EDs.scale:StateNC . POs.scale:StateAR			
EDs.scale:StateNC		0.858/53189	
POS.scale:StateAR 0.141267308 POS.scale:StateLA 0.814472016 POS.scale:StateNC . HOS.scale:StateLA -0.609987429 HOS.scale:StateLA 0.075544890 HOS.scale:StateNC -0.675640721 ChronicPop.scale:StateAR 2.344298328 ChronicPop.scale:StateLA 0.214942821 ChronicPop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428		•	
POS.Scale:StateLA 0.814472016 POS.scale:StateNC . HOS.scale:StateAR -0.609987429 HOS.scale:StateLA 0.075544890 HOS.scale:StateNC -0.675640721 ChronicPop.scale:StateAR 2.344298328 ChronicPop.scale:StateLA 0.214942821 ChronicPop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428		•	
POS.scale:StateNC HOS.scale:StateAR HOS.scale:StateLA HOS.scale:StateLA HOS.scale:StateNC ChronicPop.scale:StateAR ChronicPop.scale:StateLA ChronicPop.scale:StateNC WhitePop.scale:StateAR WhitePop.scale:StateLA WhitePop.scale:StateLA WhitePop.scale:StateLA O.215967001 WhitePop.scale:StateLA O.342723428			
HOS.Scale:StateAR -0.609987429 HOS.Scale:StateLA 0.075544890 HOS.scale:StateNC -0.675640721 ChronicPop.scale:StateAR 2.344298328 ChronicPop.scale:StateLA 0.214942821 ChronicPop.scale:StateNC WhitePop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428	POs.scale:StateLA	0.814472016	
HOS.scale:StateLA	POs.scale:StateNC	Ē	
HOS.scale:StateNC -0.675640721 ChronicPop.scale:StateLA 0.214942821 ChronicPop.scale:StateNC WhitePop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428	HOs.scale:StateAR	-0.609987429	
HOS.scale:StateNC -0.675640721 ChronicPop.scale:StateLA 0.214942821 ChronicPop.scale:StateNC WhitePop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428	HOs.scale:StateLA	0.075544890	
ChronicPop.scale:StateAR 2.344298328 ChronicPop.scale:StateLA 0.214942821 ChronicPop.scale:StateNC . WhitePop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428			
ChronicPop.scale:StateLA 0.214942821 ChronicPop.scale:StateNC . WhitePop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428			
ChronicPop.scale:StateNC . WhitePop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428			
WhitePop.scale:StateAR 0.215967001 WhitePop.scale:StateLA 0.342723428	ChronicPon scale:StateLA	V. LITTTLULI	
WhitePop.scale:StateLA 0.342723428		0 215967001	
willterup.scale.statenc U.2/2/2/324			
	will terop. Scale. StateNC	0.212121324	

Table A-3. Coefficients for Lasso Logistic Regression Model for ED Costs

EDs.scale	8.7265046	
log.EDs.scale	5.5777026	
HOs.scale	-0.4139463	
POs.scale	-4.5017671	
log.POs.scale	-2.8222183	
WhitePop.scale	0.3791609	
OtherPop.scale	-2.4775562	
HealthyPop.scale	0.3568951	
ChronicPop.scale	-4.5800366	
Unemployment.scale	0.2850573	
Education.scale	-0.3321390	
TotalChild.scale	-0.4658248	
TotalAdult.scale	-0.3322600	
Accessibility.scale	0.1297254	
Availability.scale	0.0278289	
RankingsPCP.scale	1.0262392	
RankingsFood.scale	-0.5619424	
RankingsHousing.scale	-11.2473551	
RankingsExercise.scale	-0.4384502	
RankingsSocial.scale	0.3279465	
ProvDensity.scale	1.1662827	

Table A-4. Coefficients for Stepwise Regression Model for PO Costs

```
Estimate Std. Error t value Pr(>|t|)
.268e+00 2.876e-01 7.887 3.79e-15
(Intercept)
                          2.268e+00
                                                   2.358 0.018419
                          6.523e-01
                                      2.767e-01
StateAR
                                     2.518e-01
2.313e-01
StateLA
                         -9.287e-01
                                                  -3.689 0.000228
                                                  -0.272 0.785334
                         -6.300e-02
StateNC
                          3.497e-04
                                      2.481e-05
                                                  14.094
                                                          < 2e-16
EDS
HOS
                         -5.432e-03
                                      3.348e-04
                                                -16.224
                                                          < 2e-16
                         9.001e-05
                                      2.479e-05
                                                   3.631 0.000285
P<sub>0</sub>s
                         8.143e-04
                                      2.557e-03
                                                  0.318 0.750180
WhitePop
                                     2.518e-03
BlackPop
                         -8.204e-04
                                                  -0.326 0.744547
                                      1.184e-03
HealthyPop
                         -6.679e-03
                                                  -5.643 1.76e-08
                         -1.160e-02
                                      1.852e-03
                                                  -6.261 4.15e-10
ChronicPop
                          1.686e-03
                                      5.543e-04
                                                   3.043 0.002358
Unemployment
                          1.516e-06
                                      3.634e-07
                                                   4.171 3.08e-05
                                                                   ***
Income
                                                   7.436 1.21e-13 ***
UrbanicitySuburban
                          8.374e-02
                                     1.126e-02
                                                                   ***
UrbanicityUrban
                          7.819e-02
                                      1.050e-02
                                                  7.443 1.15e-13
                         -2.316e-05
                                     2.833e-06
TotalAdult
                                                  -8.176 3.69e-16
                         -2.548e-03
                                                  -2.714 0.006661
Accessibility
                                     9.386e-04
                         7.248e-03
RankingsFood
                                     4.422e-03
                                                  1.639 0.101274
                                     1.314e-03
1.797e-04
RankingsHousing
                         -1.850e-03
                                                  -1.407 0.159390
                         7.652e-04
                                                  4.258 2.10e-05
RankingsExercise
                         -5.237e-03
RankingsSocial
                                      1.159e-03
                                                  -4.517 6.42e-06
                         -3.204e-02
                                     1.273e-02
ProvDensity
                                                  -2.518 0.011842
Availability.NewLow
                         -3.637e-02
                                     1.019e-02
                                                  -3.569 0.000361 ***
Availability.NewMiddle
                         5.905e-03
                                      7.623e-03
                                                  0.775 0.438620
                                                  -1.213 0.225286
                         -1.239e-02
Accessibility.NewHigh
                                     1.022e-02
                                      8.685e-03
                                                  -3.826 0.000132
                         -3.323e-02
Accessibility.NewLow
log(EDs)
                                                          < 2e-16
                         -4.787e-01
                                     1.896e-02
                                                -25.247
log(POs)
log(OtherPop)
                                                                   ***
                          5.950e-01
                                      1.880e-02
                                                  31.651
                                                          < 2e-16
                                                   4.809 1.56e-06
                                                                   ***
                          8.172e-02
                                      1.699e-02
                         -2.683e-04
StateAR: EDs
                                      2.637e-05
                                                -10.173
                                                          < 2e-16
                         -3.339e-04
                                      2.417e-05 -13.813
                                                          < 2e-16
StateLA: EDs
                                     2.389e-05 -12.778
                                                          < 2e-16 ***
StateNC: EDs
                         -3.052e-04
StateAR: POs
                         -6.200e-05
                                     2.786e-05
                                                  -2.225 0.026115
                         -8.534e-06
                                      2.661e-05
                                                  -0.321 0.748460
StateLA: POs
                                                  -2.351 0.018759
                         -5.484e-05
                                      2.332e-05
StateNC:POs
                          2.101e-03
                                      5.505e-04
                                                   3.816 0.000137
StateAR:HOs
                                                                   ***
StateLA:HOs
                          3.952e-03
                                      3.620e-04
                                                  10.917
                                                          < 2e-16
                          1.228e-03
                                      4.739e-04
                                                  2.590 0.009612
StateNC:HOs
StateAR: HealthyPop
                         -2.594e-03
                                      1.866e-03
                                                  -1.390 0.164514
                          7.147e-03
                                     1.825e-03
                                                   3.916 9.13e-05
StateLA: HealthyPop
StateNC: HealthyPop
                          1.514e-02
                                     1.486e-03
                                                  10.194
                                                          < 2e-16
                                     2.467e-03
StateAR:WhitePop
                          4.356e-05
                                                  0.018 0.985915
                          1.069e-02
                                      2.301e-03
                                                   4.647 3.45e-06
                                                                   ***
StateLA:WhitePop
                                                   1.152 0.249564
                          2.442e-03
                                      2.121e-03
StateNC:WhitePop
                                                  0.271 0.786734
StateAR:BlackPop
                          6.372e-04
                                      2.355e-03
                                      2.202e-03
                          1.027e-02
                                                   4.664 3.19e-06
StateLA: BlackPop
                                                  0.615 0.538766
StateNC:BlackPop
                          1.275e-03
                                      2.074e-03
StateAR:Income
                         6.777e-07
                                      6.269e-07
                                                   1.081 0.279796
                         -6.804e-07
                                      4.769e-07
                                                  -1.427 0.153746
StateLA:Income
                         -9.624e-07
                                                 -2.394 0.016695
StateNC:Income
                                     4.020e-07
Signif. codes:
                 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
Residual standard error: 0.1872 on 4957 degrees of freedom
Multiple R-squared: 0.8436,
                                Adjusted R-squared: 0.842
F-statistic: 545.5 on 49 and 4957 DF, p-value: < 2.2e-16
```

Table A-5. Coefficients for Lasso Regression Model for PO Costs

EDs.scale	0.403377713	
log.EDs.scale	-3.147789320	
HOS.scale	-1.031777742	
POs.scale _	1.027193689	
log.POs.scale	3.939940415	
WhitePop.scale	0.071184774	
BlackPop.scale	-0.114635498	
log_OtherPop.scale	0.229333708	
HealthyPop.scale	0.101933954	
ChronicPop.scale	-0.486146293	
Unemployment.scale	0.106896883	
Income.scale	0.297547972	
Education scale	-0.047711663	
TotalChild.scale	-0.001419768	
TotalAdult.scale	-0.174205204	
Accessibility.scale_	-0.043082965	
RankingsHousing.scale	-0.259241903	
RankingsExercise.scale	0.041644284	
RankingsSocial.scale	-0.107607982	
ProvDensity.scale	-0.082068126	
RankingsFood.scale	0.036579910	
StateAR	0.545071297	
StateLA	0.158859990	
StateNC	0.809169245	
UrbanicitySuburban	0.080552477	
UrbanicityUrban	0.077189495	
Accessibility.NewHigh	-0.008474673	
Accessibility.NewLow	-0.024340737	
Availability.NewLow	-0.022716580	
Availability.NewMiddle	0.013243155	
EDs.scale:StateAR	0.160132980	
EDs.scale:StateLA		
EDs.scale:StateNC	•	
	0 245742679	
POs.scale:StateAR	-0.345743678	
POs.scale:StateLA	0.206841378	
POs.scale:StateNC	-0.460107122	
HOs.scale:StateAR	-0.367211723	
HOs.scale:StateLA	0.30, 211, 23	
	1 005903074	
HOs.scale:StateNC	-1.095893974	
ChronicPop.scale:StateAR	•	
ChronicPop.scale:StateLA	Ē	
ChronicPop.scale:StateNC		
WhitePop.scale:StateAR	-0.028372563	
	0.020312303	
WhitePop.scale:StateLA	0 000110044	
WhitePop.scale:StateNC	0.009119044	
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Table A-6. Coefficients for Lasso Logistic Regression Model for PO Costs

EDs.scale	-2.321796210	
log.EDs.scale	-3.273302357	
HOs.scale	-1.726061704	
POs.scale	2.507838137	
log.POs.scale	9.677463628	
BlackPop.scale	-0.527938937	
ChronicPop.scale	5.593264433	
ComplexPop.scale	-2.305885630	
Income.scale	2.391108722	
Education.scale	-1.044769057	
TotalAdult.scale	-0.858117782	
Accessibility.scale	-0.006100989	
RankingsFood.scale	2.384895486	
RankingsHousing.scale	3.016731106	
RankingsSocial.scale	-1.017411565	
ProvDensity.scale	-1.206623431	
UrbanicityŚuburban	1.292047534	
Urbanicity∪rban	0.681708609	