Table 2

Restricted Sample Regression

Estimates

VAR	B	T
UNON	.313	2.920
HVET	.265	2.991
FMSZ	.0302	2.074
HLTH	-.202	-1.324
EDC2	.205	2.136
EDC3	.495	4.477
TOJ 2	.0801	.957
WARM	.942	1.050
JACR	.0000594	.0433
COLD	-.291	-1.357
HUMD	.0102	1.388
Csox	.532	.895
TSPM	-.832	-1.060
NOXM	.0394	.117
P**2	.00000334	1.066
S**2	-.00000305	- .538
N**2	.000000526	.198
CONSTANT	-30.473	- .818

R^2 = .59 DF = 94

Table 3

Pooled Sample Regression--

Replacement with means

VAR	B	T
UNON	.127	4.576
HVET	.187	7.179
FMSZ	.0218	3.969
HLTH	-.107	-2.873
EDC2	.0726	2.153
EDC3	.491	12.747
TOJ2	.133	4.929
WARM	-.00977	-2.865
JACR	.00145	3.561
COLD	-.00807	-3.148
HUMD	-.00192	-1.589
Csox	-.00298	- .609
TSPM	.00945	2.045
NOXM	.00206	.268
P**2	-.0000509	-2.203
S**2	-.00000548	- .0805
N**2	-.0000252	- .294
CONSTANT	1.505	3.237

R^2 = .30 DF = 1377

Table 4

Male, White, White Collar Worker,

×ou≡eho d Heads Aged 7-29

VAR	B	T
X10-UNON	.17476	1.4327
X12-HVET	-.66795D-01	-.60872
X19-FMSZ	.11798	2.7474
X26-HLTH	- 48627D-01	-.27860
X28-EDC2	-.36504	-.97654
X29-EDC3	-.32479D-01	-.89856D-01
X40-TOJ2	-.47591	-.81308
X43-WARM	.34974D-02	.36132
X44-JACR	31325D-02	1.9076
X45-COLD	.71370D-02	-1.0911
X46-HUMD	.21394D-02	.40559
X41-CSOX	.33653D-04	.25623D-02
X47-TSPM	-.40187D-02	-.31493
X49-NOXM	-.90972D-02	-1.2980
X 1-P**2	.19683D-04	.33616
X 2-S**2	.31803D-04	.11465
X 3-N**2	.85521D-04	1.7349
CONSTANT	1.3185	1.0201

R-SQUARE= 0.2104

SSR= 21.60 DF= 95

Table 5

Male, White, White Collar Worker,

Household Heads Aged 30-49

VAR	B	T
X10-UNON	.26432D-01	.50824
X12-HVET	.10866	2.3615
X19-FMSZ	-.15115D-01	-1.3827
X26-HLTH	-.21725	-3.5129
X28-EDC2	.16370	2.3367
X29-EDC3	.46052	6.1510
X40-TOJ2	.11154	2.4769
X43-WARM	-.99376D-02	-1.6578
X44-JACR	.83032D-03	1.0669
X45-COLD	.42689D-04	.11088D-01
X46-HUMD	.30551D-02	1.2979
X41-CSOX	-.26112D-02	-.39982
X47-TSPM	.16092D-01	1.4245
X49-NOXM	.26707D-02	.69860
X 1-P**2	-.55353D-04	-.91941
X 2-S**2	-.10503D-03	-.81162
X 3-N**2	-.16092D-04	-.56085
CONSTANT	.96252	1.4981

R-SQUARE= 0.2632

SSR= 53.12 DF= 346

Table 6

Ma e, White, White Collar Worker,

Househo d Head≡ Aged 5o-69

VAR	B	T
X10-UNON	.75762D-01	.85593
X12-HVET	-.90192D-01	-1.1334
X19-FMSZ	-.95895D-02	-.44268
X26-HLTH	-.68573D-01	-.81402
X28-EDC2	.27338	2.5788
X29-EDC3	.51817	4.8639
X40-TOJ2	-.32128D-01	-.43872
X43-WARM	-.16985D-01	-1.9505
X44-JACR	-.14722D-02	-1.2219
X45-COLD	.38514D-02	.56162
X46-HUMD	.50936D-03	.11387
X41-CSOX	.67178D-02	.53131
X47-TSPM	.10101	3.3604
X49-NOXM	-.66079D-02	-1.0324
X 1-P**2	-.52137D-03	-3.1102
X 2-S**2	-.50256D-04	-.20280
X 3-N**2	.31952D-04	.72943
CONSTANT	-1.9436	-1.5904

R-SQUARE= 0.3777

SSR= 14.07 DF= 108

$e_{TSPM} = 4.884$

Tab e 7

Ma e. White, ≥ ᴗe Co ar Worker,

Household Heads Aged 17-29

VAR	B	T
X10-UNON	.22126	1.5232
X12-HVET	.11507	.77295
X12 FMSZ	.67060D-01	1.0862
X26-HLTH	-.11194D-01	-.29284D-01
X28 EDC2	.50214	1.4339
X29 EDC3	.37717	1.0469
X40-TOJ2	-.85560D-01	-.13650
X43-WARM	.26415D-01	1.3533
X44-JACR	.14590D-02	.65186
X45-COLD	-.21866D-01	-2.0895
X46-HUMD	-.12347D-01	-1.3453
X11-CSOX	-.26390D-01	-1.7609
(47-SPM	-.54343D-01	-1.7497
X49-NOXM	.59654D-02	-.56895
X 1-P**2	.30447D-03	1.8053
2-S**2	.55753D-03	1.8201
X 3-N**2	.57881 04	.79457
ONSTANT	2.1767	1.1070

-QUARE= 0.3239
SE= 9.739 DF= 45

Table 8

Male, White, Blue Collar Worker,

Household Heads Aged 30-49

VAR	B	T
X10-UNON	.14275	1.3755
X12-HVET	.11510	1.4074
X19-FMSZ	-.11188D-01	-.48891
X26-HLTH	-.21963D-02	-.18383D-01
X28-EDC2	-.64656D-01	-.66772
X29-EDC3	.66018D-01	.40793
X40-TOJ2	.28272	3.2842
X43-WARM	-.73856D-02	-.49400
X44-JACR	.17985D-02	1.1995
X45-COLD	.50207D-02	.58515
X46-HUMD	-.43683D-03	-.77757D-01
X41-CSOX	-.13004D-01	-1.0804
X47-TSPM	.25542D-01	2.1776
X49-NOXM	.48542D-02	.79327
X 1-P**2	-.11023D-03	-1.9741
X 2-S**2	.17094D-03	.75189
X 3-N**2	-.48756D-04	-1.3613
CONSTANT	.19701	.13496

R-SQUARE= 0.4280

SR= 4.471 DF= 56

e_{TSPM} = 1.4204

Table 9

Male, White, Blue Collar Worker,

Household Heads Aged 17-69

VAR	B	T
X10-UNON	.16463	2.3087
X12-HVET	.13518	2.1021
X19-FMSZ	.19745D-01	1.0386
X26-HLTH	-.18033D-01	-.18505
X28-EDC2	.69451D-02	.83603D-01
X29-EDC3	.26313D-01	.25971
X40-TOJ2	.35908	5.1153
X43-WARM	-.12433D-01	-1.6865
X44-JACR	.29094D-03	.28674
X45-COLD	-.89463D-02	-1.7421
X46-HUMD	-.99736D-03	-.27515
X41-CSOX	-.24192D-01	-2.8544
X47-TSPM	.85630D-02	.83961
X49-NOXM	.18851D-02	.35982
X 1-P**2	-.29044D-04	-.55213
X 2-S**2	.46754D-03	2.7702
X 3-N**2	-.24129D-04	-.69613
CONSTANT	1.9040	2.4022

R-SQUARE= 0.3457

SSR= 23.65 DF= 160

$e_{CSOX} = -.3125$

Table 10

Male, Non-White, White Collar Worker,

Household Heads Aged 30-49

VAR	B	T
X10-UNON	.23558	2.3992
X12-HVET	.10339	.96532
X19-FMSZ	.93703D-02	.43587
X26-HLTH	.15968	.89901
X28-EDC2	-.19323D-02	-.13398D-01
X29-EDC3	.33745	1.9824
X40-TOJ2	-.84307D-01	-.88253
X43-WARM	.39743D-02	.29485
X44-JACR	-.25733D-02	-1.7306
X45-COLD	.88710D-03	.15121
X46-HUMD	.12822D-02	.21563
X41-CSOX	.14184D-01	.69880
X47-TSPM	.43585D-01	1.5422
X49-NOXM	-.43509D-03	-.52820D-01
X 1-P**2	-.20806D-03	-1.3906
X 2-S**2	.57166D-04	.18097
X 3-N**2	.21693D-04	.34107
CONSTANT	-1.6930	-1.1465

R-SQUARE= 0.3789

SSR= 11.87 DF= 78

Table 11

Male, Non-White, White Collar Worker,

Household Heads Aged 17-69

VAR	B	T
X10-UNON	.18604	2.5040
X12-HVET	.10293	1.4498
X19-FMSZ	-.30211D-02	-.22040
X26-HLTH	.75768D-01	.49945
X28-EDC2	.77325D-01	.80932
X29-EDC3	.26636	2.2519
X40-TOJ2	.66240D-01	.93804
X43-WARM	-.41372D-02	-.34556
X44-JACR	-.13921D-02	-1.2404
X45-COLD	.25076D-02	.47568
X46-HUMD	.17020D-02	.33027
X41-CSOX	.13801D-01	.88935
X47-TSPM	.44063D-01	1.8041
X49-NOXM	-.86660D-02	-1.3842
X 1-P**2	-.19905D-03	-1.5454
X 2-S**2	-.20679D-03	-.92285
X 3-N**2	.64510D-04	1.2350
CONSTANT	-.96187	-.76367

R-SQUARE= 0.2669

SSR= 18.95 DF= 130

Table 12

Male, Non-White, Blue Collar Worker,

Household Heads Aged 17-29

VAR	B	T
X10-UNCN	.24384	1.4211
X12-HVET	.18565	1.2886
X19-FMSZ	.32341D-01	1.4866
X28-HLTH	.20699D-01	.54669D-01
X29-EDC3	1.1371	2.0847
X29-EDC2	1.0888	2.1051
X43-WARM	.95133D-01	1.7411
X44-JACR	.38772D-02	1.3118
X45-COLD	.24412D-01	1.0801
X46-HUMD	-.55684D-02	-.24360
X41-CSOX	.11290	1.7170
X47-TSPM	-.32204D-01	-.76046
X48-NOXM	-.18104D-01	-.89487
X 1-P**2	.14420D-03	.80510
X 2-S**2	-.12088D-01	-1.4337
X 3-N**2	.23047D-03	1.1785
CONSTANT	-7.3120	-1.5632

R-SQUARE= 0.4325

SBR= 8.368 DF= 41

Table ≥

Male, Non-White, ≡lue C⊙ a⊤ Worker.

Ho∪seho d Head≡ Aged 30-49

VAR	B	T
X10-UNON	.34653	5.5150
X12-HVET	-.59878D-01	-.93846
X19-FMSZ	.25630D-01	2.3752
X26-HLTH	-.20026	-2.1214
X28-EDC2	-.49395D-01	-.77176
X29-EDC3	-.32436D-01	-.26477
X40-TOJ2	.62105D-02	.95739D-01
X43-WARM	-.79103D-02	-.96984
X44-JACR	.22691D-02	2.3888
X45-OLD	.89463D-02	1.9652
X46-HUMD	.68790D-02	2.2345
X41 CSC	.19598D-01	1.9061
X47-TSPM	.10988D-01	1.1272
X49-NOXM	-.19917D-04	-.46344D-02
X 1-P**2	-.28270D-04	-.56956
X 2-S**2	-.31317D-03	-2.1435
X 3-N**2	.74386D-05	.20174
CONSTANT	-.40612	-.44776

R-SQUARE= 0.5342

SSR= 9.055 DF= 109

$e_{CS \circ \times} = .2959$

Tab e 4

Male, Non-White, Blue Collar Worker,

Househo d Head≤ Aged 50-69

VAR	B	T
X10-UNON	.15722	1.7283
X12-HVET	-.35557D-01	-.38795
X19-FMSZ	-.56542D-02	-.28441
X26-HLTH	-.47119	-2.9557
X28-EDC2	.71372D-01	.87034
X29-EDC3	-.21025	-.70450
X40-TOJ2	-.13163D-01	-.12876
X43-WARM	-.24253D-02	-.91059D-01
X44-JACR	-.37103D-03	-.29262
X45-COLD	-.11073D-02	-.10988
X46-HUMD	-.15479D-01	-1.7323
X41-CSOX	.76148D-02	.43807
X47-TSPM	.12786D-01	.35004
X49-NOXM	-.22636D-02	-.21454
X 1-P**2	-.11832D-03	-.52261
X 2-S**2	.19079D-03	.95534
X 3-N**2	.48949D-04	.43614
CONSTANT	1.5146	.63855

R-SQUARE= 0.5976
SSR= 2.774 DF= 42

Table 15

Male, Non-White, Blue Collar Worker,

Household Heads Aged 17-69

VAR	B	T
X10-UNON	.29899	5.7490
X12-HVET	.18808D-01	.37703
X19-FMSZ	.25626D-01	2.8439
X26-HLTH	-.25763	-3.2402
X28-EDC2	-.25874D-01	-.50980
X29-EDC3	.10841	1.2425
X40-TOJ2	-.70438D-01	-1.3048
X43-WARM	-.28275D-03	-.35284D-01
X44-JACR	.20377D-02	2.9009
X45-COLD	.32852D-02	.87020
X46-HUMD	.31924D-02	1.0831
X41-CSOX	.12347D-01	1.4095
X47-TSPM	.29400D-02	.40219
X49-NOXM	.27822D-03	.71365D-01
X 1-P**2	.70330D-05	.19892
X 2-S**2	-.18161D-03	-1.4782
X 3-N**2	.18663D-04	.52094
CONSTANT	-.16171	-.19144

R-SQUARE= 0.3625

SSR= 26.29 DF= 227

Table 16

Female, Non-White, White Collar Worker,

Household Heads Aged 17-69

VAR	B	T
X10-UNEM	.28245D-01	.10561
X19-FMSZ	.15621D-03	.38146D-02
X28-HLTH	-.34959	-.30487
X29-EDC2	-.33277D-01	-.28711
X30-EDC3	.27935	1.0801
X40-TOL2	.95336D-01	.29232
X43-WARM	-.72220D-01	-1.5014
X44-JACR	-.39180D-03	-.15408
X45-COLD	-.20614D-01	-1.8159
X46-HUMD	.18823D-01	1.5999
X47-CSOX	-.03606D-01	-1.4803
X47-TSPM	.25306D-01	.31477
X48-NOXM	-.12947D-01	-.13447
X 1-P**2	-.78436D-04	-.20411
X 2-S**2	.14024D-03	.31354
X 3-N**2	.17071D-03	.22368
CONSTANT	5.8250	1.4665

R-SQUARE= 0.3192
SSR= 1.432 DF= 20

Tab e 17

Fema e, White, White Co a- Worker,

Househol∞ Heads Aged 17-69

VAR	B	T
X10-LNDN	.19877	1.1279
X18-FMSZ	-.84188D-02	-.17481
X23-HLTH	-.13852	-1.0157
X28-EDC2	.15746	.77182
X29-EDC3	.29233	1.8481
X40-TCU2	-.12249D-01	-.12423
X43-WARM	.33008D-02	.49504
X44-JACR	-.10702D-03	-.55780D-01
X45-COLD	-.18955D-01	-1.3461
X46-HUMD	-.70804D-03	-.13108
X41-CSOX	.23805D-02	.17303
X47-TSPM	-.31187D-01	-2.7307
X48-NOXM	-.15298D-01	-1.7358
X 1-P**2	.30097D-03	2.3382
X 2-S**2	-.27138D-03	-1.0810
X 3-N**2	.71733D-04	1.2823
CONSTANT	3.7846	3.0396

R-SQUARE= 0.3800
SSR= 6.044 DF= 50

e_{TSPM} = -2. 58

Table 18

Female, White, Blue Collar Worker,

Household Heads Aged 17-69

VAR	B	T
X10-UNON	.26862	.75532
X12-HVET	.10974	.25750
X19-FMSZ	.26944D-01	.19444
X26-HLTH	.39030D-01	.82491D-01
X28-EDC2	.41989	.92274
X29-EDC3	.89085D-01	.13941
X40-TOJ2	.21485	.55869
X43-WARM	.62321D-02	.87444D-01
X44-JACR	.80756D-02	.97336
X45-COLD	.10648D-01	.27562
X46-HUMD	-.78924D-02	-.21904
X41-CSOX	.14246D-01	.22577
X47-TSPM	.12046	1.6627
X49-NOXM	.20425D-01	.82539
X 1-P**2	-.66602D-03	-1.7580
X 2-S**2	-.12062D-03	-.94019D-01
X 3-N**2	-.10477D-03	-.81019
CONSTANT	-6.8873	-.84302

R-SQUARE= 0.6809

SSR= 1.513 DF= 8

Table 19

Female, Non-White, Blue Collar Worker,

Household Heads Aged 17-69

VAR	B	
X10-UNON	.17080	1.4828
X19-FMSZ	.57971D-01	2.6227
X23-HLTH	-.13370	-1.0388
X26-EDC2	-.28235D-01	-.38881
X29-EDC3	-.21011	-.54482
X40-TOJ2	.33039D-01	.80084
X43-WARM	-.10159D-02	-.46757D-01
X44-JACR	.41026D-02	2.0854
X45-COLD	-.40113D-02	-.46224
X46-HUMD	-.22367D-02	-1.3888
X41-CSOX	.27314D-02	.34591
X47-TSPM	-.78613D-02	-.48790
X48-NOXM	-.38782D-02	-.45545
X 1-P**2	.16753D-04	.22802
X 2-S**2	.30708D-04	.10881
X 3-N**2	.31237D-04	.34388
CONSTANT	1.4638	.85582

R-SQUARE= 0.4077

SSR= 6.881 DF= 74

Table 20

Pooled Sample Regression

VAR	B	T
X10-UNON	.12826	4.5299
X12-HVET	.18686	7.1260
X19-FMSZ	.22907D-01	4.1336
X26-HLTH	-.99943D-01	-2.6863
X28-EDC2	.74755D-01	2.2167
X29-EDC3	.49221	12.708
X40-TOJ2	.12811	4.7644
X43-WARM	-.77862D-02	-2.4942
X44-JACR	.14097D-02	3.4679
X45-COLD	-.73928D-02	-4.1044
X46-HUMD	-.78358D-04	- .56596D-01
X41-CSOX	.184620-02	.55284
X47-TSPM	.82340D-02	1.8694
X49-NOXM	.16475D-02	.84763
X 1-P**2	-.37398D-04	-1.6590
X 2-S**2	-.97076D-04	-1.5851
X 3-N**2	-.40s460-05	- .28572
CONSTANT	1.1411	3.5403

R-SQUARE = 0.3065
SSR = 281.1 DF = 1377

Table 21

Regression to Construct SOXM

VAR	B	T
X10-UNON	3.0550	3.5062
X12-HVET	-2.5744	-3.0967
X19-FMSZ	.27915	1.7229
X26-HLTH	- .69527	- .57786
X28-EDC2	.35916	.35429
X29-EDC3	-1.3497	-1.1199
X40-TOJ2	-1.6145	-1.9672
X42-AVGT	-2.2513	-3.3839
X43-WARM	- .96528D-01	- .52877
X44-JACR	- .32979D-01	-2.6856
X45-COLD	.46237	1.9103
X46-HUMD	- .39650	-5.1329
X35-REG1	30.051	10.556
X36-REG2	9.0446	3.3579
X37-REG3	21.416	6.9766
X30-PRX1	-3.644o	-1.0700
X31-PRX2	-4.0488	-1.2150
X32-PRX3	-2.9865	- .86171
X33-PRX4	-6.1270	-1.3064
CONSTANT	40.391	2.9248

R-SQUARE = 0.5420
SSR = .3229D + 05 DF = 482

Table 22

Regression *to* Construct TSPM

VAR	B	T
X10-UNON	- .27108	- .17266
X12-HVET	.13148	.885050-01
X19-FMSZ	.20762	.65983
X26-HLTH	.11578	.57456D-01
X28-EDC2	-1.2855	- .65959
X29-EDC3	-5.3022	-2.3759
X40-TOJ2	- .62307	- .41121
X42-AVGT	-4.2312	-7.9669
X43-WARM	.786o1	2.9667
X44-JACR	- .96968D-02	- .41621
X45-COLD	1.5041	8.9149
X46-HUMD	-1.1924	-10.784
X35-REG1	39.444	8.8559
X36-REG2	32.932	7.7270
X37-REG3	29.224	5.8749
X30-PRX1	14.834	3.6951
X31-PRX2	17.663	4.4771
X32-PRX3	13.110	3.0617
X33-PRX4	-2.0068	- .36068
CONSTANT	41.964	2.2201

R-SQUARE = 0.3727
SSR = .22410 + 06 DF = 691

Table 23

Regression to Construct NOXM

VAR	B	T
X10-UNON	4.0234	1.8520
X12-HVET	-3.1084	-1.6117
X19-FMSZ	- .65904	-1.8977
X26-HLTH	-5.6057	-1.9463
X28-EDC2	-2.8367	-1.2861
X29-EDC3	- .42449	- .16104
X40-TOJ2	.58784	.31671
X42-AVGT	10.479	4.5831
X43-WARM	-3.5136	-3.2760
X44-JACR	.61724D-02	.22688
X45-COLD	-1.6996	-2.6106
X46-HUMD	- .29514	- .74684
X35-REG1	7.1282	.67026
X36-REG2	8.1533	1.0176
X37-REG3	-15.842	-1.3853
X30-PRX1	-3.4347	- .59532
X31-PRX2	- .47142	- .8351OD-01
X32-PRX3	-7.1744	-1.2183
X33-PRX4	-31.613	-2.8677
CONSTANT	271.03	3.6656

R-SQUARE = 0.3337

SSR = .4039D + 05 DF = 236

Table 24

Correlation Matrix

	1	2	3	10	12	19	22	25	26	28	29	40	41	43	44	45	46	47	49
	P**2	S**2	N**2	UNON	HVET	FMSZ	OCCP	RHWG	HLTH	EDC2	EDC3	TOJ2	CSOX	WARM	JACR	COLD	HUMD	TSPM	NOXM
1P**2	1.00	0.26	0.08	-0.05	0.14	0.06	0.08	-0.09	-0.04	0.05	0.06	-0.03	-0.03	0.02	0.02	-0.02	-0.03	-0.03	-0.04
2S**2	0.26	1.00	-0.00	-0.02	0.30	0.08	0.44	0.85	-0.05	-0.17	0.40	0.13	-0.00	-0.22	0.02	-0.23	-0.15	0.05	0.02
3N**2	0.08	-0.00	1.00	0.04	0.16	-0.07	0.01	0.00	-0.03	0.26	-0.22	-0.01	0.02	-0.06	0.04	-0.06	-0.05	0.01	-0.04
10UNON	-0.05	-0.02	0.04	1.00	0.07	0.08	-0.13	0.11	-0.02	0.14	-0.21	0.12	0.08	-0.06	0.27	-0.11	-0.06	0.07	0.08
12HVET	0.14	0.30	0.16	0.07	1.00	0.12	0.16	0.28	-0.01	0.09	0.07	0.12	-0.02	-0.16	0.11	-0.08	-0.12	0.02	-0.01
19FMSZ	0.06	0.08	-0.07	0.08	0.12	1.00	-0.01	0.09	-0.01	-0.02	-0.11	0.14	-0.02	0.08	0.14	0.02	0.09	0.02	-0.10
22OCCP	0.08	0.44	0.01	-0.13	0.16	-0.01	1.00	0.46	0.01	-0.14	0.32	0.06	-0.05	-0.13	-0.07	-0.15	-0.11	-0.00	0.00
25RHWG	-0.09	0.85	0.00	0.11	0.28	0.09	0.46	1.00	-0.05	-0.16	0.36	0.17	0.03	-0.22	0.05	-0.25	-0.15	0.07	0.02
26HLTH	-0.04	-0.05	-0.03	-0.02	-0.01	-0.01	0.01	-0.05	1.00	-0.05	-0.02	0.08	-0.00	-0.12	-0.03	-0.07	-0.08	0.04	-0.05
28EDC2	0.05	-0.17	0.26	0.14	0.08	-0.02	-0.14	-0.16	-0.05	1.00	-0.65	-0.01	0.08	0.01	0.07	-0.05	-0.02	0.08	-0.06
29EDC3	0.06	0.40	-0.22	-0.21	0.07	-0.11	0.32	0.36	-0.02	-0.65	1.00	-0.04	-0.04	-0.13	-0.20	-0.06	-0.14	-0.04	0.07
40TOJ2	-0.03	0.13	-0.01	0.12	0.12	0.14	0.06	0.17	0.08	-0.01	-0.04	1.00	0.03	-0.06	0.05	-0.10	-0.00	0.02	-0.02
41CSOX	-0.03	-0.00	0.02	0.08	-0.02	-0.02	-0.05	0.03	-0.00	0.08	-0.04	0.03	1.00	-0.10	-0.08	-0.23	0.06	0.25	-0.07
43WARM	0.02	-0.22	-0.06	-0.06	-0.16	0.06	-0.13	-0.22	-0.12	0.01	-0.13	-0.06	-0.10	1.00	0.03	0.36	0.42	-0.12	-0.18
44JACR	0.02	0.02	0.04	0.27	0.11	0.14	-0.07	0.08	-0.03	0.07	-0.20	0.05	-0.08	0.03	1.00	-0.03	0.07	-0.03	-0.04
45COLD	-0.02	-0.23	-0.06	-0.11	-0.08	0.02	-0.15	-0.25	-0.07	-0.05	-0.06	-0.10	-0.23	0.36	-0.03	1.00	0.15	-0.25	0.37
46HUMD	-0.03	-0.15	-0.05	-0.06	-0.12	0.09	-0.11	-0.15	-0.08	-0.02	-0.14	-0.00	0.06	0.42	0.07	0.15	1.00	-0.42	-0.26
47TSPM	-0.03	0.05	0.01	0.07	0.02	0.02	-0.00	0.07	0.04	0.08	-0.04	0.02	0.29	-0.12	-0.03	-0.25	-0.42	1.00	-0.08
49NOXM	-0.04	0.02	-0.04	0.08	-0.01	-0.10	0.00	0.02	-0.05	-0.06	0.07	-0.02	-0.07	-0.18	-0.04	0.37	-0.26	-0.08	1.00

STOP

TIME 13.8 SECS

Table 25

Means and Standard Deviations

of Variables

VAR	MEAN	SD
X 1-P**2	9261.2	3391.5
X 2-S**2	423.37	430.09
X 3-N**2	3546.6	2470.7
X 4-OTBC	0.	0.
X 5-TINC	0.	0.
X 6-AGEH	41.107	5.5200
X 7-SEXH	1.0000	0.
X 8-HLT1	4.4780	1.3287
X 9-HLT2	4.7582	.94289
X10-UNON	.30769	.46217
X11-EDUC	4.9589	1.9641
X12-HVET	.63462	.48220
X13-RACE	1.0000	0.
X14-CITY	.72253	.44837
X15-PROX	2.3984	1.1538
X16-REG	2.2445	1.0950
X17-SELF	1.0000	0.
X18-SIZE	.80495	.39679
X19-FMSZ	4.7335	2.0049
X20-LTOJ	3.9588	1.3385
X21-INDX	1.0091	.39053D-01
X22-OCCP	1.0000	0.
X23-CIDC	24090.	12428.
X24-AHWG	5.8680	2.7355
X25-RHWG	1.6620	.44564
X26-HLTH	.14835	.35594
X27-EDC1	.13462	.34178
X28-EDC2	.43407	.49632
X29-EDC3	.43132	.49594
X30-PRX1	.22527	.41834
X31-PRX2	.38736	.48782
X32-PRX3	.23352	.42365
X33-PRX4	.714290-01	.25789
X34-PRX5	.82418D-01	.27538
X35-REG1	.32143	.46767
X36-REG2	.29670	.45743
X37-REG3	.19780	.39889
X38-REG4	.18407	.38807
X39-TOJ1	.60989	.48845
X40-TOJ2	.39011	.48845
X41-CSOX	25.456	11.258
X42-AVGT	11.431	3.9808
X43-WARM	74.316	4.8543
X44-JACR	58.464	30.979
X45-COLD	31.723	11.083
X46-HUMD	35.935	11.221
X47-TSPM	94.513	18.148
X48-SOXM	17.771	10.386
X49-NOXM	56.763	18.040

Table 26

MEANS OF NON-POLLUTION VARIABLES

USED IN BENEFIT CALCULATIONS

VARIABLE	MEAN	
	Denver	Cleveland
UNON	.307	.307
HVET	.402	.556
FMSZ	3.40	3.46
HLTH	.148	.148
EDC2	.456	.567
EDC3	.449	.298
TOJ2	.390	.390
WARM	72.00	71.90
JACR	58.46	58.46
COLD	30.60	18.90
HUMD	13.73	33.66
CONSTANT	1.00	1.00

Table 27

NATIONAL AIR POLLUTION STANDARDS

(In Micrograms Per Cubic Meter)

	PRIMARY STANDARD	SECONDARY STANDARD
SO_2	75	60
NO_2	100	100
TSP	75	60

Table 28

1978 POLLUTION CONCENTRATIONS

IN DENVER AND CLEVELAND

(In Micrograms Per Cubic Meter)

	DENVER	CLEVELAND
SO_2	16.9	61.49
NO_2	100	65.0
TSP	86	72.2

Table 29

Cross-Tabulation of Incidence of

Actual Pollution Data By Partition

Table Number	TSPM	SOXM	NOXM	TSPM,SOXM	TSPM,NOXM	SOXM,NOXM	TSPM,NOXM,SOXM
4	58	30	17	26	5	5	4
5	164	94	48	87	25	18	15
6	59	49	22	42	10	14	10
7	28	19	2	16	1	2	1
8	28	17	5	11	0	1	0
9	22	15	10	12	6	5	4
10	59	39	19	33	13	17	13
11	78	60	36	46	22	29	19
12	40	36	23	30	13	17	11
13	80	61	32	50	17	24	14
14	25	23	11	19	9	10	8
15	145	120	66	99	39	51	23
16	24	18	6	18	6	6	6
17	32	22	7	19	3	4	2
18	16	6	5	6	0	0	0
19	57	52	32	43	21	27	18

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1. See, for example, papers by Hall (1973), Heckman (1976), Rosen (1976), and Wales and Woodland (1980).

2. The variables contained in P and W will be defined more explicitly momentarily.

3. The procedure used to assign air pollution measures to the individual observations is similar to that used by Crocker, Schulze, et al. (1979).

4. Regressions for partitions containing less than 50 observations were not estimated. For these cases, the observations from two or more partitions were pooled and one regression was run on the combined data sheet.

5. Dagenais also suggests using a generalized least squares approach to estimate the hedonic wage equation. However, the approach recommended required that a system of k simultaneous nonlinear equations be solved in order to obtain estimates of the slope coefficients where k denotes the number of regressors. Because of the computational burden involved in using the procedure, it was abandoned in favor of the simpler OLS approach.

6. Additionally, even if the NOXM variable was eliminated from consideration, there would still have been only 432 families for whom data on both SOXM and TSPM could have been matched.

7. Note that in some of these partitioned regressions, variables such as UNON and HVET are excluded because all observations on them are equal to zero. For example, HVET has been excluded for this reason in Table 17.

8. The regressions used to construct the missing values for the pollution variables are shown in Tables 21, 22, and 23.

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