
```

name: <unnamed>
log: /Users/robertyaffee/Documents/data/research/chwk/phase3/wide/cand
> idate_imputed_variables.smcl
log type: smcl
opened on: 22 Dec 2011, 17:17:37

```

```

1 . // Review of answer structure of variables to be imputed
2 . quietly {

```

number of cigarettes per week in 1976-1986	Freq.	Percent	Cum.
0	554	79.14	79.14
1	2	0.29	79.43
2	2	0.29	79.71
5	5	0.71	80.43
6	1	0.14	80.57
8	1	0.14	80.71
10	16	2.29	83.00
14	1	0.14	83.14
15	3	0.43	83.57
20	21	3.00	86.57
30	5	0.71	87.29
35	1	0.14	87.43
40	7	1.00	88.43
45	1	0.14	88.57
50	8	1.14	89.71
60	6	0.86	90.57
70	14	2.00	92.57
80	4	0.57	93.14
90	1	0.14	93.29
100	6	0.86	94.14
110	1	0.14	94.29
120	5	0.71	95.00
130	1	0.14	95.14
140	30	4.29	99.43
200	3	0.43	99.86
280	1	0.14	100.00
Total	700	100.00	

nuber of beers per week in 1976-1986	Freq.	Percent	Cum.
0	460	65.53	65.53
1	85	12.11	77.64
2	53	7.55	85.19
3	42	5.98	91.17
4	19	2.71	93.87
5	18	2.56	96.44
6	7	1.00	97.44
7	9	1.28	98.72
10	5	0.71	99.43
12	1	0.14	99.57
20	2	0.28	99.86
100	1	0.14	100.00
Total	702	100.00	

nuber of beers per week in 1987-1996	Freq.	Percent	Cum.
0	344	49.07	49.07
1	114	16.26	65.34
2	94	13.41	78.74
3	49	6.99	85.73
4	30	4.28	90.01
5	42	5.99	96.01
6	9	1.28	97.29
7	7	1.00	98.29
8	1	0.14	98.43
10	6	0.86	99.29
14	2	0.29	99.57
16	1	0.14	99.71
20	1	0.14	99.86
50	1	0.14	100.00
Total	701	100.00	

nuber of beers per week in 1997-now	Freq.	Percent	Cum.
0	341	48.58	48.58
1	117	16.67	65.24
2	100	14.25	79.49
3	54	7.69	87.18
4	22	3.13	90.31
5	37	5.27	95.58
6	4	0.57	96.15
7	10	1.42	97.58
8	3	0.43	98.01
10	7	1.00	99.00
12	1	0.14	99.15
14	5	0.71	99.86
20	1	0.14	100.00
Total	702	100.00	

number of spirits per week in 1976-1986	Freq.	Percent	Cum.
0	474	67.62	67.62
1	73	10.41	78.03
2	49	6.99	85.02
3	36	5.14	90.16
4	23	3.28	93.44
5	21	3.00	96.43
6	4	0.57	97.00
7	6	0.86	97.86
8	4	0.57	98.43
10	8	1.14	99.57
14	1	0.14	99.71
15	1	0.14	99.86
30	1	0.14	100.00
Total	701	100.00	

number of medical visits for a medical condition per year 1976-1986	Freq.	Percent	Cum.
0	349	49.72	49.72
1	107	15.24	64.96
2	106	15.10	80.06
3	28	3.99	84.05
4	18	2.56	86.61
5	36	5.13	91.74
6	6	0.85	92.59
7	4	0.57	93.16
8	9	1.28	94.44
10	16	2.28	96.72
11	1	0.14	96.87
12	9	1.28	98.15
15	4	0.57	98.72
20	6	0.85	99.57
24	3	0.43	100.00
Total	702	100.00	

number of medical visits for a medical condition per year 1997-now	Freq.	Percent	Cum.
0	136	19.43	19.43
1	125	17.86	37.29
2	155	22.14	59.43
3	65	9.29	68.71
4	46	6.57	75.29
5	57	8.14	83.43
6	21	3.00	86.43
7	7	1.00	87.43
8	13	1.86	89.29
9	3	0.43	89.71
10	39	5.57	95.29
12	12	1.71	97.00
13	1	0.14	97.14
14	1	0.14	97.29
15	7	1.00	98.29

20	8	1.14	99.43
24	1	0.14	99.57
30	1	0.14	99.71
40	1	0.14	99.86
50	1	0.14	100.00
Total	700	100.00	
level of trust in government reports about chornobyl in time period 1976-1986	Freq.	Percent	Cum.
0	195	33.74	33.74
3	2	0.35	34.08
10	51	8.82	42.91
20	36	6.23	49.13
21	1	0.17	49.31
25	1	0.17	49.48
30	26	4.50	53.98
40	23	3.98	57.96
50	86	14.88	72.84
59	1	0.17	73.01
60	16	2.77	75.78
70	21	3.63	79.41
78	1	0.17	79.58
80	16	2.77	82.35
85	1	0.17	82.53
90	15	2.60	85.12
95	2	0.35	85.47
100	84	14.53	100.00
Total	578	100.00	

level of trust in government reports about chornobyl in time period 1987-1996			
	Freq.	Percent	Cum.
0	132	22.84	22.84
5	2	0.35	23.18
10	45	7.79	30.97
15	2	0.35	31.31
20	26	4.50	35.81
30	35	6.06	41.87
37	1	0.17	42.04
40	33	5.71	47.75
50	138	23.88	71.63
55	1	0.17	71.80
57	1	0.17	71.97
60	20	3.46	75.43
70	36	6.23	81.66
75	1	0.17	81.83
80	38	6.57	88.41
85	1	0.17	88.58
90	14	2.42	91.00
95	1	0.17	91.18
100	51	8.82	100.00
Total	578	100.00	

level of trust in government reports about chornobyl in time period 1997-now			
	Freq.	Percent	Cum.
0	129	22.32	22.32
10	59	10.21	32.53
15	2	0.35	32.87
18	1	0.17	33.04
20	28	4.84	37.89
30	38	6.57	44.46
40	33	5.71	50.17

50	109	18.86	69.03
55	1	0.17	69.20
56	1	0.17	69.38
60	27	4.67	74.05
70	35	6.06	80.10
78	1	0.17	80.28
80	36	6.23	86.51
85	1	0.17	86.68
90	23	3.98	90.66
95	1	0.17	90.83
100	53	9.17	100.00

Total	578	100.00	
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level of trust in medical/sci entific reports about chornobyl in time period 197	Freq.	Percent	Cum.
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0	159	27.51	27.51
5	1	0.17	27.68
10	35	6.06	33.74
20	36	6.23	39.97
23	1	0.17	40.14
24	2	0.35	40.48
30	37	6.40	46.89
40	25	4.33	51.21
50	100	17.30	68.51
60	22	3.81	72.32
61	1	0.17	72.49
70	27	4.67	77.16
80	22	3.81	80.97
85	2	0.35	81.31
90	17	2.94	84.26
95	1	0.17	84.43
100	90	15.57	100.00

Total	578	100.00	
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level of trust in medical/sci entific reports about chornobyl in time period 198			
	Freq.	Percent	Cum.
0	94	16.26	16.26
5	4	0.69	16.96
10	20	3.46	20.42
15	1	0.17	20.59
20	27	4.67	25.26
30	47	8.13	33.39
38	1	0.17	33.56
40	24	4.15	37.72
50	155	26.82	64.53
56	1	0.17	64.71
60	34	5.88	70.59
64	1	0.17	70.76
70	37	6.40	77.16
79	1	0.17	77.34
80	39	6.75	84.08
85	1	0.17	84.26
90	22	3.81	88.06
96	1	0.17	88.24
100	68	11.76	100.00
Total	578	100.00	

level of trust in medical/sci entific reports about chornobyl in time period 1997			
	Freq.	Percent	Cum.
0	86	14.88	14.88
5	3	0.52	15.40
7	1	0.17	15.57
8	1	0.17	15.74
10	30	5.19	20.93
20	31	5.36	26.30
30	38	6.57	32.87

40	29	5.02	37.89
50	147	25.43	63.32
60	28	4.84	68.17
66	1	0.17	68.34
69	1	0.17	68.51
70	38	6.57	75.09
80	52	9.00	84.08
84	1	0.17	84.26
90	21	3.63	87.89
94	1	0.17	88.06
100	69	11.94	100.00

Total	578	100.00	
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emplw3==5. unemployed	Freq.	Percent	Cum.
0	335	92.29	92.29
1	28	7.71	100.00
Total	363	100.00	

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3 .
4 .
5 . // remaining issue: 0 is a nonanswer that should not be imputed so we may
  > have to constrain imputation
6 . // from 1 to 100 for most variables
7 .
8 . // for visits to homeopaths range would be 1 to 10
9 .
10 . // R. A. Yaffee 13 Dec 2011 multiple imputation of the wide data Draft
    > 1
11 . // for truncreg new dependent variables have to be constructed
12 . // not ready for implementation yet
13 . mi set wide

14 . mi tsset,clear

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15 . mi describe

Style: **wide**

last **mi update** 22dec2011 17:17:37, 1 second ago

Obs.:	complete	253	
	incomplete	450	(<i>M</i> = 0 imputations)
	total	703	

Vars.: imputed: 50; smokw1(3) beerw1(1) beerw2(2) beerw3(1) liqw1(2)
medcow1(1) medcow3(3) hospw1(1) vishphw1(130)
vishphw2(126) vishphw3(126) vishpw1(125) vishpw2(125)
vishpw3(125) trgovw1(125) trgovw2(125) trgovw3(125)
trrepw1(125) trrepw2(125) trrepw3(125) CSprbslv(4)
CSavoid(4) WHP10pa(4) WHP15si(1) WHP19p(3) WHP20er(1)
WHP23er(4) WHP24p(4) WHP25pa(4) whp23er(4) emplw35(340)
defnw1(1) ecprw1(1) airw1(1) radw1(8) radw2(7) radw3(7)
shfamw1(1) shfamw2(2) shfincw1(1) shhousw1(1) shrelaw2(1)
suprtw1(1) sufamw1(1) sufamw3(2) suchrw1(3) smokw2(0)
smokw3(0) dafter(10) goferw2(1)

passive: 0

regular: 125; age agew1a agew2a agew3a agew1b agew2b agew3b gender
edu1 edu2 edu3 edu4 edu5 edu6 edu7 edu8 townnow ranow
oblnow mar0w1 mar1w1 mar2w1 mar3w1 mar4w1 mar5w1 mar6w1
mar0w2 mar1w2 mar2w2 mar3w2 mar4w2 mar5w2 mar6w2 mar1w3
mar2w3 mar3w3 mar4w3 mar5w3 mar6w3 marrw1 marrw2 marrw3
childw1 childw2 childw3 emplw1 emplw2 emplw11 emplw12
emplw13 emplw14 emplw15 emplw16 emplw21 emplw22 emplw23
emplw24 emplw25 emplw26 emplw31 emplw32 emplw33 emplw34
emplw3 occ1w1 occ2w1 occ3w1 occ4w1 occ5w1 occ6w1 occ7w1
occ8w1 occ1w2 occ2w2 occ3w2 occ4w2 occ5w2 occ6w2 occ7w2
occ8w2 occ1w3 occ2w3 occ3w3 occ4w3 occ5w3 occ6w3 occ7w3
occ8w3 inclw1 inc2w1 inc3w1 inc4w1 inclw2 inc2w2 inc3w2
inc4w2 inclw3 inc2w3 inc3w3 inc4w3 jsw1 jsw2 jsw3 deaw1
deaw2 deaw3 dvcew1 dvcew2 dvcew3 sepaw1 sepaw2 sepaw3
accdw1 accdw2 accdw3 cataw1 cataw2 cataw3 illw1 illw2
illw3 movew1 movew2 movew3 sufamw2

system: 1; _mi_miss

(there are 1890 unregistered variables)

16 . mi misstable summarize

					Obs<.		
					Unique values	Min	Ma
Variable	Obs=.	Obs>.	Obs<.				
childw1	3		700		6	0	
shjobw3	1		702		20	0	10
shfamw1	1		702		19	0	10
shfamw2	2		701		23	0	10
shfincw1	1		702		23	0	10
shhousw1	1		702		22	0	10
shrelaw2	1		702		23	0	10
suprtw1	1		702		20	0	10
sufamw1	1		702		20	0	10
sufamw3	2		701		20	0	10
suchrw1	3		700		17	0	10
nil1w1	519		184		15	2	1
nil2w1	647		56		15	2	1
nil3w1	689		14		8	2	1
nil4w1	700		3		2	13	1
nil5w1	702		1		1	2	
nil6w1	703		0		0	.	
nil7w1	703		0		0	.	
nil8w1	703		0		0	.	
nil9w1	703		0		0	.	

	nil10w1		703		0		0		.	
> .										
	dil1w1		519		184		127		-137775	1107
> 8										
	dil2w1		647		56		46		-619	1053
> 4										
	dil3w1		689		14		13		5479	1029
> 3										
	dil4w1		700		3		3		9617	983
> 1										
	dil5w1		702		1		1		9831	983
> 1										
	dil6w1		703		0		0		.	
> .										
	dil7w1		703		0		0		.	
> .										
	dil8w1		703		0		0		.	
> .										
	dil9w1		703		0		0		.	
> .										
	dil10w1		703		0		0		.	
> .										
	dril1w1		534		169		33		0	5
> 0										
	dril2w1		649		54		21		0	5
> 1										
	dril3w1		689		14		7		0	3
> 4										
	dril4w1		700		3		3		2	2
> 4										
	dril5w1		702		1		1		24	2
> 4										
	dril6w1		703		0		0		.	
> .										
	dril7w1		703		0		0		.	
> .										
	dril8w1		703		0		0		.	
> .										
	dril9w1		703		0		0		.	
> .										
	dril10w1		703		0		0		.	
> .										
	nil1w2		400		303		17		1	1
> 8										
	nil2w2		576		127		15		2	1
> 8										
	nil3w2		664		39		12		2	1
> 8										
	nil4w2		694		9		8		2	1

> 4	nil5w2	699	4	2	10	1
> 6	nil6w2	702	1	1	13	1
> 3	nil7w2	702	1	1	16	1
> 6	nil8w2	703	0	0	.	
> .	nil9w2	703	0	0	.	
> .	nil10w2	703	0	0	.	
> .	dil1w2	400	303	197	-352884	1381
> 9	dil2w2	577	126	97	-354552	1432
> 6	dil3w2	665	38	32	9612	1340
> 3	dil4w2	694	9	9	9616	1388
> 0	dil5w2	699	4	4	10088	1241
> 9	dil6w2	702	1	1	11017	1101
> 7	dil7w2	702	1	1	12539	1253
> 9	dil8w2	703	0	0	.	
> .	dil9w2	703	0	0	.	
> .	dil10w2	703	0	0	.	
> .	dril1w2	411	292	27	0	3
> 4	dril2w2	580	123	23	1	2
> 7	dril3w2	666	37	14	0	2
> 3	dril4w2	694	9	6	2	1
> 8	dril5w2	699	4	4	1	1
> 8	dril6w2	702	1	1	20	2
> 0	dril7w2	702	1	1	16	1
> 6	dril8w2	703	0	0	.	
> .						

> .	dril9w2		703		0		0		.	
> .	dril10w2		703		0		0		.	
> 2	pil1w2		2		701		3		0	
> 2	pil2w2		2		701		3		0	
> 2	pil3w2		3		700		3		0	
> 2	pil4w2		3		700		3		0	
> 2	pil5w2		3		700		3		0	
> 1	pil6w2		3		700		2		0	
> 1	pil7w2		3		700		2		0	
> 0	pil8w2		3		700		1		0	
> 0	pil9w2		3		700		1		0	
> 0	pil10w2		3		700		1		0	
> 8	nil1w3		192		511		16		1	1
> 8	nil2w3		390		313		17		1	1
> 8	nil3w3		535		168		15		2	1
> 8	nil4w3		621		82		12		2	1
> 8	nil5w3		652		51		15		2	1
> 8	nil6w3		678		25		12		2	1
> 7	nil7w3		693		10		8		6	1
> 6	nil8w3		697		6		5		6	1
> 6	nil9w3		700		3		3		8	1
> .	nil10w3		703		0		0		.	
> 3	dil1w3		194		509		327		-137775	1857
> 4	dil2w3		389		314		230		5072	1853
	dil3w3		536		167		124		-137775	1832

> 2	dil4w3	621	82	65	9616	1832
> 2	dil5w3	651	52	35	9616	1848
> 4	dil6w3	676	27	21	10088	1805
> 3	dil7w3	693	10	6	14610	1716
> 7	dil8w3	697	6	4	14976	1716
> 7	dil9w3	700	3	3	16437	1753
> 2	dil10w3	702	1	1	17684	1768
> 4	dril1w3	212	491	26	0	4
> 8	dril2w3	397	306	24	0	3
> 7	dril3w3	537	166	20	0	2
> 4	dril4w3	623	80	18	0	2
> 4	dril5w3	652	51	13	0	2
> 4	dril6w3	679	24	7	1	
> 7	dril7w3	693	10	6	3	1
> 0	dril8w3	697	6	3	3	
> 9	dril9w3	700	3	3	2	
> 5	dril10w3	702	1	1	2	
> 2	smokw1	3	700	26	0	28
> 0	beerw1	1	702	12	0	10
> 0	beerw2	2	701	14	0	5
> 0	beerw3	1	702	13	0	2
> 0	liqw1	2	701	13	0	3
> 0	medcow1	1	702	15	0	2
> 4	medcow3	3	700	20	0	5
> 0						

> 0	hospw1		1		702		25		0		20
> 0	vishphw1		130		573		7		0		1
> 0	vishphw2		126		577		6		0		1
> 0	vishphw3		126		577		10		0		3
> 2	mhoutw1		127		576		5		0		1
> 2	mhoutw2		124		579		6		0		1
> 2	mhoutw3		126		577		8		0		1
> 0	mhinw1		125		578		3		0		3
> 0	mhinw2		125		578		7		0		20
> 0	mhinw3		126		577		8		0		3
> 3	vishpw1		125		578		4		0		
> 5	vishpw2		125		578		5		0		
> 5	vishpw3		125		578		5		0		
> 0	goferw2		1		702		15		0		10
> 0	trgovw1		125		578		18		0		10
> 0	trgovw2		125		578		19		0		10
> 0	trgovw3		125		578		18		0		10
> 0	trrepw1		125		578		17		0		10
> 0	trrepw2		125		578		19		0		10
> 0	trrepw3		125		578		18		0		10
> 1	latdrel		687		16		4		44		5
> 6	londrel		687		16		8		14		9
> 0	latmrel		687		16		12		13		300
> 0	lonmrel		687		16		13		10		470
> 0	defnw1		1		702		27		0		10

> 0	ecprw1		1		702		20	0	10
> 0	airw1		1		702		21	0	10
> 0	radw1		8		695		14	0	10
> 0	radw2		7		696		17	0	10
> 0	radw3		7		696		17	0	10
> 0	radtlw1		1		702		18	0	10
> 0	radhlw1		1		702		21	0	10
> 0	dafter		10		693		18	0	85
> 0	dauthw3		1		702		22	0	10
> 0	skin		1		702		27	0	10
> 0	dxdat_1		78		625		491	-137774	1861
> 8	dxdat_2		231		472		386	5689	1853
> 4	dxdat_3		389		314		286	-137774	1856
> 1	dxdat_4		514		189		170	-137774	1838
> 3	dxdat_5		593		110		108	7305	1839
> 4	dxdat_6		641		62		56	9831	1835
> 3	dxdat_7		670		33		32	9831	1824
> 1	dxdat_8		687		16		16	8043	1832
> 2	dxdat_9		691		12		12	9831	1835
> 3	dxdat_10		692		11		11	9831	1832
> 2	dxdat_11		694		9		9	9831	1832
> 2	dxdat_12		698		5		5	15522	1832
> 2	dxnum1		16		687		38	0	5
> 0	dxnum2		41		662		31	0	3
> 1									

> 6	dxnum3	55	648	30	0	3
> 1	dxnum4	77	626	26	0	3
> 0	dxnum5	101	602	21	0	3
> 5	dxnum6	120	583	17	0	2
> 5	dxnum7	123	580	15	0	2
> 6	dxnum8	125	578	8	0	2
> 5	dxnum9	125	578	4	0	2
> 5	dxnum10	125	578	8	0	2
> 5	dxnum11	125	578	6	0	2
> 5	dxnum12	125	578	5	0	2
> 7	doctn1980	422	281	6	0	
> 0	doctn1981	422	281	4	0	1
> 5	doctn1982	422	281	5	0	
> 4	doctn1983	422	281	3	0	
> 5	doctn1984	422	281	5	0	1
> 5	doctn1985	422	281	4	0	
> 0	doctn1986	422	281	14	0	2
> 2	doctn1987	422	281	9	0	1
> 5	doctn1988	422	281	9	0	1
> 2	doctn1989	422	281	10	0	1
> 5	doctn1990	422	281	8	0	1
> 7	doctn1991	422	281	7	0	
> 7	doctn1992	422	281	9	0	1
> 3	doctn1993	422	281	8	0	1
	doctn1994	422	281	7	0	1

```

> 2      doctn1995 |      422      281 |      8      0      1
> 2      doctn1996 |      422      281 |     13      0      2
> 0      doctn1997 |      422      281 |      9      0      2
> 0      doctn1998 |      422      281 |     10      0      1
> 2      doctn1999 |      422      281 |      9      0      1
> 2      doctn2000 |      422      281 |      9      0      1
> 2      doctn2001 |      422      281 |      9      0      1
> 2      doctn2002 |      422      281 |     10      0      1
> 4      doctn2003 |      422      281 |      9      0      1
> 2      doctn2004 |      422      281 |     10      0      1
> 2      doctn2005 |      422      281 |     10      0      1
> 2      doctn2006 |      422      281 |     10      0      1
> 2      doctn2007 |      422      281 |      9      0      1
> 2      doctn2008 |      422      281 |     12      0      2
> 0      doctn2009 |      422      281 |     11      0      1
> 5      doctn2010 |      422      281 |      1      0
> 0      latdt1r2 |      560     143 |     21     29      6
> 3      latdt1r3 |      684      19 |     10     43      5
> 8      latdt1r4 |      700       3 |      3     45      5
> 0      londt1r2 |      560     143 |     30     11     13
> 5      londt1r3 |      684      19 |      9     27      3
> 9      londt1r4 |      700       3 |      2     30      3
> 5      latmt1r2 |      560     143 |     70      0     880
> 2      latmt1r3 |      684      19 |     17      0      7
> 6

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> 5	latmt1r4		700		3		3		3		8
> 0	lonmt1r2		560		143		70		0		820
> 1	lonmt1r3		684		19		16		0		9
> 2	lonmt1r4		700		3		3		15		5
> 5	dayt1r2		561		142		45		1		6
> 5	dayt1r3		684		19		14		2		4
> 7	dayt1r4		700		3		3		5		4
> 3	typet1r2		1		702		4		0		
> 3	occt1r2		101		602		4		0		
> 3	occt1r3		124		579		3		0		
> 3	occt1r4		124		579		3		0		
> 0	mlldt1r2		1		702		13		0		700
> 0	mlldt1r3		122		581		6		0		500
> 0	mlldt1r4		122		581		3		0		100
> 0	gldt1r1		39		664		19		0		30000
> 0	gldt1r2		110		593		15		0		20000
> 0	gldt1r3		125		578		10		0		300
> 0	gldt1r4		125		578		4		0		120
> 0	glvt1r1		56		647		24		0		800
> 0	glvt1r2		118		585		15		0		600
> 0	glvt1r3		125		578		5		0		100
> 0	glvt1r4		125		578		3		0		100
> 3	latdt2r2		541		162		17		30		6
> 4	latdt2r3		687		16		10		44		5
	latdt2r4		701		2		2		47		5

> 2	londt2r2	541	162	25	10	9
> 3	londt2r3	687	16	11	12	6
> 3	londt2r4	701	2	2	13	3
> 5	latmt2r2	541	162	67	0	9
> 7	latmt2r3	687	16	16	0	9
> 2	latmt2r4	701	2	2	83	8
> 5	lonmt2r2	541	162	67	0	9
> 9	lonmt2r3	687	16	15	0	8
> 7	lonmt2r4	701	2	2	15	8
> 1	dayt2r2	542	161	49	7	16
> 9	dayt2r3	687	16	10	14	14
> 5	dayt2r4	701	2	2	14	15
> 8	occt2r2	103	600	4	0	
> 3	occt2r3	125	578	4	0	
> 3	occt2r4	125	578	2	0	
> 3	mlldt2r1	42	661	20	0	800
> 0	mlldt2r2	111	592	15	0	700
> 0	mlldt2r3	125	578	7	0	500
> 0	mlldt2r4	125	578	2	0	100
> 0	gldt2r1	26	677	18	0	30000
> 0	gldt2r2	105	598	13	0	30000
> 0	gldt2r3	125	578	8	0	150
> 0	gldt2r4	125	578	2	0	20
> 0	gpott2r1	1	702	21	0	50000

> 0	gpott2r2		104		599		14		0		50000
> 0	gpott2r3		125		578		5		0		200
> 0	gpott2r4		125		578		2		0		100
> 0	gprkt2r1		24		679		17		0		500
> 0	gprkt2r2		108		595		13		0		500
> 0	gprkt2r3		125		578		8		0		100
> 0	gprkt2r4		125		578		3		0		60
> 0	gbftt2r1		37		666		17		0		300
> 0	gbftt2r2		113		590		13		0		300
> 0	gbftt2r3		125		578		6		0		50
> 0	gbftt2r4		125		578		3		0		50
> 0	gpltt2r1		12		691		33		0		600
> 0	gpltt2r2		104		599		20		0		600
> 0	gpltt2r3		125		578		8		0		250
> 0	gpltt2r4		125		578		3		0		50
> 0	gmsht2r1		93		610		16		0		300
> 0	gmsht2r2		119		584		9		0		300
> 0	gmsht2r3		125		578		4		0		40
> 0	gmsht2r4		125		578		1		0		
> 6	latdt3r2		595		108		19		32		6
> 7	latdt3r3		678		25		13		28		6
> 0	latdt3r4		702		1		1		50		5
> 2	londt3r2		595		108		27		12		14
> 3	londt3r3		678		25		15		13		11
	londt3r4		702		1		1		30		3

> 0	latmt3r2	595	108	56	0	9
> 6	latmt3r3	678	25	18	4	8
> 0	latmt3r4	702	1	1	44	4
> 4	lonmt3r2	595	108	55	1	9
> 8	lonmt3r3	678	25	24	0	8
> 7	lonmt3r4	702	1	1	52	5
> 2	mntht3r2	595	108	28	1	4
> 7	mntht3r3	678	25	14	1	4
> 5	mntht3r4	702	1	1	42	4
> 2	occt3r2	110	593	4	0	
> 3	occt3r3	124	579	4	0	
> 3	occt3r4	125	578	2	0	
> 2	mlldt3r1	43	660	22	0	1000
> 0	mlldt3r2	113	590	12	0	1000
> 0	mlldt3r3	124	579	7	0	300
> 0	mlldt3r4	125	578	2	0	200
> 0	gldt3r1	26	677	16	0	500
> 0	gldt3r2	110	593	13	0	400
> 0	gldt3r3	124	579	6	0	100
> 0	gldt3r4	125	578	2	0	10
> 0	gpott3r1	1	702	21	0	900
> 0	gpott3r2	110	593	9	0	600
> 0	gpott3r3	123	580	5	0	300
> 0	gpott3r4	125	578	2	0	150

> 0	gprkt3r1		25		678		22	0	30000
> 0	gprkt3r2		113		590		15	0	30000
> 0	gprkt3r3		123		580		11	0	10000
> 0	gprkt3r4		125		578		2	0	50
> 0	gbftt3r1		35		668		18	0	90000
> 0	gbftt3r2		117		586		12	0	600
> 0	gbftt3r3		123		580		6	0	50
> 0	gbftt3r4		125		578		2	0	50
> 3	splttt3r1		3		700		4	0	
> 0	gplttt3r1		12		691		22	0	50000
> 0	gplttt3r2		110		593		12	0	300
> 0	gplttt3r3		123		580		10	0	200
> 0	gplttt3r4		125		578		2	0	50
> 0	gmsht3r1		85		618		17	0	300
> 0	gmsht3r2		121		582		10	0	50
> 0	gmsht3r3		125		578		4	0	20
> 0	gmsht3r4		125		578		1	0	
> 6	latdt4r2		595		108		18	27	6
> 5	latdt4r3		680		23		6	46	5
> 9	latdt4r4		699		4		4	8	5
> 7	londt4r2		595		108		21	6	10
> 0	londt4r3		680		23		11	19	4
> 0	londt4r4		699		4		4	11	3
> 6	latmt4r2		595		108		46	6	9
	latmt4r3		680		23		16	6	9

> 5	latmt4r4		699		4		4	25	5
> 7	lonmt4r2		595		108		48	1	9
> 9	lonmt4r3		680		23		19	4	9
> 4	lonmt4r4		699		4		4	7	8
> 4	mntht4r2		597		106		51	4	22
> 2	mntht4r3		680		23		17	6	20
> 4	mntht4r4		699		4		3	12	8
> 9	occt4r2		112		591		4	0	
> 3	occt4r3		124		579		4	0	
> 3	occt4r4		125		578		2	0	
> 3	mlldt4r1		46		657		20	0	1000
> 0	mlldt4r2		116		587		11	0	800
> 0	mlldt4r3		124		579		8	0	700
> 0	mlldt4r4		125		578		4	0	200
> 0	gldt4r1		21		682		22	0	50000
> 0	gldt4r2		116		587		11	0	20000
> 0	gldt4r3		124		579		9	0	20000
> 0	gldt4r4		125		578		4	0	100
> 0	spott4r1		2		701		4	0	
> 3	gpott4r1		2		701		23	0	80000
> 0	gpott4r2		112		591		14	0	80000
> 0	gpott4r3		124		579		8	0	600
> 0	gpott4r4		125		578		2	0	200
> 0	gprkt4r1		27		676		18	0	1000

> 0	gprkt4r2		115		588		11	0	200
> 0	gprkt4r3		124		579		6	0	200
> 0	gprkt4r4		125		578		2	0	50
> 3	sbef4r1		33		670		4	0	
> 3	sbef4r2		1		702		4	0	
> 0	gbef4r1		34		669		20	0	50000
> 0	gbef4r2		118		585		11	0	100
> 0	gbef4r3		124		579		7	0	80
> 0	gbef4r4		125		578		3	0	50
> 0	gpltt4r1		11		692		18	0	50000
> 0	gpltt4r2		113		590		13	0	300
> 0	gpltt4r3		124		579		9	0	200
> 0	gpltt4r4		125		578		3	0	40
> 0	gmsht4r1		74		629		16	0	200
> 0	gmsht4r2		119		584		9	0	100
> 0	gmsht4r3		124		579		6	0	50
> 0	gmsht4r4		125		578		2	0	10
> 3	cskpothe		4		699		3	1	
> 3	cswghopt		4		699		4	0	
> 3	csstndfr		4		699		4	0	
> 3	csbbspor		4		699		4	0	
> 1	hpwlkinr		4		699		2	0	
> 1	hphrdcnt		1		702		2	0	
> 1	hpwlkpai		3		700		2	0	
> 1	hptemper		1		702		2	0	

> 1	hplocntr		4		699		2	0	
> 1	hpstdpai		4		699		2	0	
> 1	hphardre		4		699		2	0	
> 1	hostilit		4		699		17	0	1
> 7	CSprbslv		4		699		23	11	3
> 3	CSavoid		4		699		19	11	2
> 9	WHP10pa		4		699		2	0	11.5
> 4	WHP15si		1		702		2	0	19.3
> 6	WHP19p		3		700		2	0	11.
> 2	WHP20er		1		702		2	0	9.7
> 6	WHP23er		4		699		2	0	13.9
> 9	WHP24p		4		699		2	0	8.9
> 6	WHP25pa		4		699		2	0	12.6
> 1	whp23er		4		699		2	0	13.9
> 9	ranown2		2		701		50	1	5
> 1	townnown		2		701		77	1	8
> 0	totltele		2		701		44	1437	106720
> 0	area		2		701		49	1	5
> 1	areacodewt		2		701		51	44	459
> 8	combined		2		701		2	0	
> 1	oblnown		2		701		3	1	
> 3	numresp		2		701		43	2	924
> 0	mar0w3		340		363		1	0	
> 0	emplw35		340		363		2	0	
> 1									

> 8	icdx2n		147		556		148	1	14
> 2	icdx3n		212		491		122	1	12
> 9	icdx4n		249		454		99	1	9
> 7	icdx5n		267		436		57	1	5
> 5	icdx6n		246		457		45	1	4
> 2	icdx7n		189		514		32	1	3
> 7	icdx8n		173		530		17	1	1
> 9	icdx9n		173		530		9	1	
> 1	icdx10n		176		527		11	1	1
> 8	icdx11n		176		527		8	1	
> 6	icdx12n		157		546		6	1	
> 9	icdx1nr		38		665		20	20	999
> 7	icdx1n		38		665		177	1	17
> 1	icdx1nr1		38		665		2	0	
> 1	icdx1nr2		38		665		2	0	
> 1	icdx1nr3		38		665		2	0	
> 1	icdx1nr4		38		665		2	0	
> 1	icdx1nr5		38		665		2	0	
> 1	icdx1nr6		38		665		2	0	
> 1	icdx1nr7		38		665		2	0	
> 1	icdx1nr8		38		665		2	0	
> 1	icdx1nr9		38		665		2	0	
> 1	icdx1nr10		38		665		2	0	
> 1	icdx1nr11		38		665		2	0	
> 1	icdx1nr12		38		665		2	0	

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> 1
    icdx1nr13 |          38          665 |          2          0
> 1
    icdx1nr14 |          38          665 |          2          0
> 1
    icdx1nr15 |          38          665 |          2          0
> 1
    icdx1nr16 |          38          665 |          2          0
> 1
    icdx1nr17 |          38          665 |          2          0
> 1
    icdx1nr18 |          38          665 |          2          0
> 1
    icdx1nr19 |          38          665 |          2          0
> 1
    icdx1nr20 |          38          665 |          2          0
> 1
    _____|_____
> -

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17 . mi register imputed liqw2 liqw3 medcow2 mhlthw1-mhlthw3 mhoutw1-mhoutw3

18 . mi register regular deaw1-deaw3
    (variable deaw1 already registered as regular)
    (variable deaw2 already registered as regular)
    (variable deaw3 already registered as regular)

19 . cap mi register imputed trgovw1 trgovw2 trgovw3 trrepw1 trrepw2 trrepw3 ///
>      emplw35 medcow1-medcow3

20 . cap mi register imputed defnw1 ecprw1 airw1 radw1 radw2 radw3

21 . cap mi register imputed shfamw1 shfamw2 shfincw1 shhousw1 shrelaw2 suprtw1 s
>      ufamw1 sufamw3 suchrw1

22 . mi register regular age female agew1a-gender edu1-edu8 townnow ranow oblnow
>      mar0w1-movew3
    (variable age already registered as regular)
    (variable agew1a already registered as regular)
    (variable agew2a already registered as regular)
    (variable agew3a already registered as regular)
    (variable agew1b already registered as regular)
    (variable agew2b already registered as regular)
    (variable agew3b already registered as regular)
    (variable gender already registered as regular)
    (variable edu1 already registered as regular)
    (variable edu2 already registered as regular)
    (variable edu3 already registered as regular)
    (variable edu4 already registered as regular)

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(variable edu5 already registered as regular)
(variable edu6 already registered as regular)
(variable edu7 already registered as regular)
(variable edu8 already registered as regular)
(variable townnow already registered as regular)
(variable ranow already registered as regular)
(variable oblnow already registered as regular)
(variable mar0w1 already registered as regular)
(variable mar1w1 already registered as regular)
(variable mar2w1 already registered as regular)
(variable mar3w1 already registered as regular)
(variable mar4w1 already registered as regular)
(variable mar5w1 already registered as regular)
(variable mar6w1 already registered as regular)
(variable mar0w2 already registered as regular)
(variable mar1w2 already registered as regular)
(variable mar2w2 already registered as regular)
(variable mar3w2 already registered as regular)
(variable mar4w2 already registered as regular)
(variable mar5w2 already registered as regular)
(variable mar6w2 already registered as regular)
(variable mar1w3 already registered as regular)
(variable mar2w3 already registered as regular)
(variable mar3w3 already registered as regular)
(variable mar4w3 already registered as regular)
(variable mar5w3 already registered as regular)
(variable mar6w3 already registered as regular)
(variable marrw1 already registered as regular)
(variable marrw2 already registered as regular)
(variable marrw3 already registered as regular)
(variable childw1 already registered as regular)
(variable childw2 already registered as regular)
(variable childw3 already registered as regular)
(variable emplw1 already registered as regular)
(variable emplw2 already registered as regular)
(variable emplw11 already registered as regular)
(variable emplw12 already registered as regular)
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(variable emplw14 already registered as regular)
(variable emplw15 already registered as regular)
(variable emplw16 already registered as regular)
(variable emplw21 already registered as regular)
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(variable emplw24 already registered as regular)
(variable emplw25 already registered as regular)
(variable emplw26 already registered as regular)
(variable emplw31 already registered as regular)
(variable emplw32 already registered as regular)

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(variable emplw33 already registered as regular)
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(variable occ1w1 already registered as regular)
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(variable occ5w1 already registered as regular)
(variable occ6w1 already registered as regular)
(variable occ7w1 already registered as regular)
(variable occ8w1 already registered as regular)
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(variable occ2w2 already registered as regular)
(variable occ3w2 already registered as regular)
(variable occ4w2 already registered as regular)
(variable occ5w2 already registered as regular)
(variable occ6w2 already registered as regular)
(variable occ7w2 already registered as regular)
(variable occ8w2 already registered as regular)
(variable occ1w3 already registered as regular)
(variable occ2w3 already registered as regular)
(variable occ3w3 already registered as regular)
(variable occ4w3 already registered as regular)
(variable occ5w3 already registered as regular)
(variable occ6w3 already registered as regular)
(variable occ7w3 already registered as regular)
(variable occ8w3 already registered as regular)
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(variable inc1w2 already registered as regular)
(variable inc2w2 already registered as regular)
(variable inc3w2 already registered as regular)
(variable inc4w2 already registered as regular)
(variable inc1w3 already registered as regular)
(variable inc2w3 already registered as regular)
(variable inc3w3 already registered as regular)
(variable inc4w3 already registered as regular)
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(variable jsw2 already registered as regular)
(variable jsw3 already registered as regular)
(variable deaw1 already registered as regular)
(variable deaw2 already registered as regular)
(variable deaw3 already registered as regular)
(variable dvcew1 already registered as regular)
(variable dvcew2 already registered as regular)
(variable dvcew3 already registered as regular)
(variable sepaw1 already registered as regular)
```

```

(variable sepaw2 already registered as regular)
(variable sepaw3 already registered as regular)
(variable accdw1 already registered as regular)
(variable accdw2 already registered as regular)
(variable accdw3 already registered as regular)
(variable cataw1 already registered as regular)
(variable cataw2 already registered as regular)
(variable cataw3 already registered as regular)
(variable illw1 already registered as regular)
(variable illw2 already registered as regular)
(variable illw3 already registered as regular)
(variable movew1 already registered as regular)
(variable movew2 already registered as regular)
(variable movew3 already registered as regular)

```

```

23 . mi register regular emplw11-emplw16 emplw21-emplw26 emplw31-emplw34

```

```

(variable emplw11 already registered as regular)
(variable emplw12 already registered as regular)
(variable emplw13 already registered as regular)
(variable emplw14 already registered as regular)
(variable emplw15 already registered as regular)
(variable emplw16 already registered as regular)
(variable emplw21 already registered as regular)
(variable emplw22 already registered as regular)
(variable emplw23 already registered as regular)
(variable emplw24 already registered as regular)
(variable emplw25 already registered as regular)
(variable emplw26 already registered as regular)
(variable emplw31 already registered as regular)
(variable emplw32 already registered as regular)
(variable emplw33 already registered as regular)
(variable emplw34 already registered as regular)

```

```

24 . mi register regular occ1w1-occ8w3

```

```

(variable occ1w1 already registered as regular)
(variable occ2w1 already registered as regular)
(variable occ3w1 already registered as regular)
(variable occ4w1 already registered as regular)
(variable occ5w1 already registered as regular)
(variable occ6w1 already registered as regular)
(variable occ7w1 already registered as regular)
(variable occ8w1 already registered as regular)
(variable occ1w2 already registered as regular)
(variable occ2w2 already registered as regular)
(variable occ3w2 already registered as regular)
(variable occ4w2 already registered as regular)
(variable occ5w2 already registered as regular)
(variable occ6w2 already registered as regular)
(variable occ7w2 already registered as regular)

```

```

(variable occ8w2 already registered as regular)
(variable occ1w3 already registered as regular)
(variable occ2w3 already registered as regular)
(variable occ3w3 already registered as regular)
(variable occ4w3 already registered as regular)
(variable occ5w3 already registered as regular)
(variable occ6w3 already registered as regular)
(variable occ7w3 already registered as regular)
(variable occ8w3 already registered as regular)

25 . mi register regular childw2 childw3
(variable childw2 already registered as regular)
(variable childw3 already registered as regular)

26 . mi register regular inclw1-jsw3
(variable inclw1 already registered as regular)
(variable inc2w1 already registered as regular)
(variable inc3w1 already registered as regular)
(variable inc4w1 already registered as regular)
(variable inclw2 already registered as regular)
(variable inc2w2 already registered as regular)
(variable inc3w2 already registered as regular)
(variable inc4w2 already registered as regular)
(variable inclw3 already registered as regular)
(variable inc2w3 already registered as regular)
(variable inc3w3 already registered as regular)
(variable inc4w3 already registered as regular)
(variable jsw1 already registered as regular)
(variable jsw2 already registered as regular)
(variable jsw3 already registered as regular)

27 . mi unregister illw1 illw2 illw3

28 . cap order radhlwc1 radhlwc2 radhlwc3, after(radhlw3)

29 . mi describe

Style: wide
      last mi update 22dec2011 17:17:38, 1 second ago

Obs.:  complete           251
       incomplete         452  (M = 0 imputations)
       -----
       total              703

```

```
Vars.:  imputed:  59; smokw1(3) beerw1(1) beerw2(2) beerw3(1) liqw1(2)
medcow1(1) medcow3(3) hospw1(1) vishphw1(130)
vishphw2(126) vishphw3(126) vishpw1(125) vishpw2(125)
vishpw3(125) trgovw1(125) trgovw2(125) trgovw3(125)
trrepw1(125) trrepw2(125) trrepw3(125) CSprbslv(4)
CSavoid(4) WHP10pa(4) WHP15si(1) WHP19p(3) WHP20er(1)
WHP23er(4) WHP24p(4) WHP25pa(4) whp23er(4) emplw35(340)
defnw1(1) ecprw1(1) airw1(1) radw1(8) radw2(7) radw3(7)
shfamw1(1) shfamw2(2) shfincw1(1) shhousw1(1) shrelaw2(1)
suprtw1(1) sufamw1(1) sufamw3(2) suchrw1(3) smokw2(0)
smokw3(0) dafter(10) goferw2(1) liqw2(0) liqw3(0)
medcow2(0) mhlthw1(0) mhlthw2(0) mhlthw3(0) mhoutw1(127)
mhoutw2(124) mhoutw3(126)
```

```
passive:  0
```

```
regular:  123; age agew1a agew2a agew3a agew1b agew2b agew3b gender
edu1 edu2 edu3 edu4 edu5 edu6 edu7 edu8 townnow ranow
oblnow mar0w1 mar1w1 mar2w1 mar3w1 mar4w1 mar5w1 mar6w1
mar0w2 mar1w2 mar2w2 mar3w2 mar4w2 mar5w2 mar6w2 mar1w3
mar2w3 mar3w3 mar4w3 mar5w3 mar6w3 marrw1 marrw2 marrw3
childw1 childw2 childw3 emplw1 emplw2 emplw11 emplw12
emplw13 emplw14 emplw15 emplw16 emplw21 emplw22 emplw23
emplw24 emplw25 emplw26 emplw31 emplw32 emplw33 emplw34
emplw3 occ1w1 occ2w1 occ3w1 occ4w1 occ5w1 occ6w1 occ7w1
occ8w1 occ1w2 occ2w2 occ3w2 occ4w2 occ5w2 occ6w2 occ7w2
occ8w2 occ1w3 occ2w3 occ3w3 occ4w3 occ5w3 occ6w3 occ7w3
occ8w3 inclw1 inc2w1 inc3w1 inc4w1 inclw2 inc2w2 inc3w2
inc4w2 inclw3 inc2w3 inc3w3 inc4w3 jsw1 jsw2 jsw3 deaw1
deaw2 deaw3 dvcew1 dvcew2 dvcew3 sepaw1 sepaw2 sepaw3
accdw1 accdw2 accdw3 cataw1 cataw2 cataw3 movew1 movew2
movew3 sufamw2 female
```

```
system:   1; _mi_miss
```

```
(there are 1883 unregistered variables)
```

```

30 .
31 . mi impute mvn mhlthw1 mhlthw2 mhlthw3, add(10) replace rseed(1234321)
    note: variables mhlthw1 mhlthw2 mhlthw3 contain no soft missing (.) values
    (imputation variables are complete; imputing nothing)
32 . mi impute mvn mhoutw1 mhoutw2 mhoutw3, add(10) replace rseed(1234321)

```

Performing EM optimization:

note: 124 observations omitted from EM estimation because of all imputation
variables missing

observed log likelihood = **463.98046** at iteration 6

Performing MCMC data augmentation ...

```

Multivariate imputation                Imputations =      10
Multivariate normal regression          added =      10
Imputed: m=1 through m=10              updated =       0

```

```

Prior: uniform                        Iterations =     1000
                                      burn-in =      100
                                      between =      100

```

Variable	Observations per <i>m</i>			Total
	Complete	Incomplete	Imputed	
mhoutw1	576	127	127	703
mhoutw2	579	124	124	703
mhoutw3	577	126	126	703

(complete + incomplete = total; imputed is the minimum across *m*
of the number of filled-in observations.)

```

33 . mi impute regress dafter woman, add(10) replace rseed(1234321)

```

```

Univariate imputation                Imputations =      20
Linear regression                      added =      10
Imputed: m=1 through m=20            updated =      10

```

Variable	Observations per <i>m</i>			
	Complete	Incomplete	Imputed	Total
dafter	693	10	10	703

(complete + incomplete = total; imputed is the minimum across *m* of the number of filled-in observations.)

```
34 . mi impute mvn trrepw1 trrepw2 trrepw3, add(10) rseed(1234431) replace
```

Performing EM optimization:

note: 125 observations omitted from EM estimation because of all imputation variables missing

observed log likelihood = **-6459.5466** at iteration 1

Performing MCMC data augmentation ...

Multivariate imputation	Imputations =	30
Multivariate normal regression	added =	10
Imputed: <i>m</i> =1 through <i>m</i> =30	updated =	20

Prior: uniform	Iterations =	3000
	burn-in =	100
	between =	100

Variable	Observations per <i>m</i>			
	Complete	Incomplete	Imputed	Total
trrepw1	578	125	125	703
trrepw2	578	125	125	703
trrepw3	578	125	125	703

(complete + incomplete = total; imputed is the minimum across *m* of the number of filled-in observations.)

```

35 . mi impute mvn medcow1 medcow2 medcow3, add(10) rseed(1234321) replace
    note: variable medcow2 contains no soft missing (.) values; imputing nothing

```

Performing EM optimization:

observed log likelihood = **-3843.172** at iteration 3

Performing MCMC data augmentation ...

```

Multivariate imputation                Imputations =      40
Multivariate normal regression          added =      10
Imputed: m=1 through m=40              updated =      30

```

```

Prior: uniform                        Iterations =     4000
                                      burn-in =      100
                                      between =      100

```

Variable	Observations per <i>m</i>			Total
	Complete	Incomplete	Imputed	
medcow1	702	1	1	703
medcow2	703	0	0	703
medcow3	700	3	3	703

(complete + incomplete = total; imputed is the minimum across *m* of the number of filled-in observations.)

```

36 . mi impute mvn smokw1 smokw2 smokw3, add(10) rseed(1234321) update
    note: variables smokw2 smokw3 contain no soft missing (.) values; imputing
        nothing

```

Performing EM optimization:

observed log likelihood = **-8395.2248** at iteration 3

Performing MCMC data augmentation ...

```

Multivariate imputation                Imputations =      50
Multivariate normal regression          added =      10
Imputed: m=41 through m=50              updated =       0

```

```

Prior: uniform                        Iterations =     1000
                                      burn-in =      100
                                      between =      100

```

Variable	Observations per <i>m</i>			
	Complete	Incomplete	Imputed	Total
smokw1	700	3	3	703
smokw2	703	0	0	703
smokw3	703	0	0	703

(complete + incomplete = total; imputed is the minimum across *m* of the number of filled-in observations.)

```
37 . mi impute mvn beerw1 beerw2 beerw3, add(10) rseed(1234321) replace
```

Performing EM optimization:

observed log likelihood = **-2839.0385** at iteration 2

Performing MCMC data augmentation ...

Multivariate imputation	Imputations =	60
Multivariate normal regression	added =	10
Imputed: <i>m</i> =1 through <i>m</i> =60	updated =	50

Prior: uniform	Iterations =	6000
	burn-in =	100
	between =	100

Variable	Observations per <i>m</i>			
	Complete	Incomplete	Imputed	Total
beerw1	702	1	1	703
beerw2	701	2	2	703
beerw3	702	1	1	703

(complete + incomplete = total; imputed is the minimum across *m* of the number of filled-in observations.)

```
38 . mi impute mvn trgovw1 trgovw2 trgovw3, add(10) replace
```

Performing EM optimization:

note: 125 observations omitted from EM estimation because of all imputation
variables missing

observed log likelihood = **-6508.3982** at iteration 1

Performing MCMC data augmentation ...

Multivariate imputation	Imputations =	70
Multivariate normal regression	added =	10
Imputed: $m=1$ through $m=70$	updated =	60

Prior: uniform	Iterations =	7000
	burn-in =	100
	between =	100

Variable	Observations per m			Total
	Complete	Incomplete	Imputed	
trgovw1	578	125	125	703
trgovw2	578	125	125	703
trgovw3	578	125	125	703

(complete + incomplete = total; imputed is the minimum across m
of the number of filled-in observations.)

```
39 . mi impute regress sufamw1 age female sufamw2, add(10) replace
```

Univariate imputation	Imputations =	80
Linear regression	added =	10
Imputed: $m=1$ through $m=80$	updated =	70

Variable	Observations per m			Total
	Complete	Incomplete	Imputed	
sufamw1	702	1	1	703

(complete + incomplete = total; imputed is the minimum across m
of the number of filled-in observations.)

```
40 . mi impute truncreg sufamw3 age female , add(10) ll(0) ul(100) replace
```

```
Univariate imputation          Imputations =      90
Truncated regression           added =       10
Imputed: m=1 through m=90      updated =      80
```

```
Limit: lower =                0          Number truncated =    476
      upper =               100          left =      187
                                           right =    289
```

Variable	Observations per <i>m</i>			Total
	Complete	Incomplete	Imputed	
sufamw3	701	2	2	703

(complete + incomplete = total; imputed is the minimum across *m* of the number of filled-in observations.)

```
41 . mi impute truncreg liqw1 age female smokw1 deaw1-cataw3, ll(0) ul(100) add(1
> 0) replace
```

```
note: variable smokw1 registered as imputed and used to model variable
liqw1; this may cause some observations to be omitted from the
estimation and may lead to missing imputed values
```

```
Univariate imputation          Imputations =    100
Truncated regression           added =      10
Imputed: m=1 through m=100     updated =      90
```

```
Limit: lower =                0          Number truncated =    474
      upper =               100          left =      474
                                           right =      0
```

Variable	Observations per <i>m</i>			Total
	Complete	Incomplete	Imputed	
liqw1	701	2	2	703

(complete + incomplete = total; imputed is the minimum across *m* of the number of filled-in observations.)

```
Note: right-hand-side variables (or weights) have missing values;
      model parameters estimated using listwise deletion
```

```
42 . mi impute mvn radw1 radw2 radw3, add(10) rseed(1234321) replace
```

Performing EM optimization:

note: 7 observations omitted from EM estimation because of all imputation
variables missing

observed log likelihood = **-7648.4187** at iteration 3

Performing MCMC data augmentation ...

Multivariate imputation	Imputations =	110
Multivariate normal regression	added =	10
Imputed: $m=1$ through $m=110$	updated =	100
Prior: uniform	Iterations =	11000
	burn-in =	100
	between =	100

Variable	Observations per m			Total
	Complete	Incomplete	Imputed	
radw1	695	8	8	703
radw2	696	7	7	703
radw3	696	7	7	703

(complete + incomplete = total; imputed is the minimum across m
of the number of filled-in observations.)

```
43 . mi impute truncreg dafter age female, ll(0) ul(100) replace rseed(1234321)
```

Univariate imputation	Imputations =	110
Truncated regression	added =	0
Imputed: $m=1$ through $m=110$	updated =	110
Limit: lower =	0	Number truncated =
upper =	100	left =
		right =

Variable	Observations per m			Total
	Complete	Incomplete	Imputed	
dafter	693	10	10	703

(complete + incomplete = total; imputed is the minimum across m
of the number of filled-in observations.)

```
44 . mi impute regress goferw2 woman-kzchorn, replace add(10) rseed(1234321)
```

```
Univariate imputation          Imputations =    120
Linear regression              added  =     10
Imputed: m=1 through m=120    updated =    110
```

Variable	Observations per m			Total
	Complete	Incomplete	Imputed	
goferw2	702	1	1	703

(complete + incomplete = total; imputed is the minimum across m of the number of filled-in observations.)

```
45 .
```

```
46 .
```

```
47 . mi misstable summarize
```

				Obs<.		
				Unique values	Min	Ma
Variable	Obs=.	Obs>.	Obs<.			
childw1	3		700	6	0	
shjobw3	1		702	20	0	10
shfamw1	1		702	19	0	10
shfamw2	2		701	23	0	10
shfincw1	1		702	23	0	10
shhousw1	1		702	22	0	10
shrelaw2	1		702	23	0	10
suprtw1	1		702	20	0	10
sufamw1	1		702	20	0	10
sufamw3	2		701	20	0	10
suchrw1	3		700	17	0	10

> 8	nil1w1	519	184	15	2	1
> 8	nil2w1	647	56	15	2	1
> 5	nil3w1	689	14	8	2	1
> 4	nil4w1	700	3	2	13	1
> 2	nil5w1	702	1	1	2	
> .	nil6w1	703	0	0	.	
> .	nil7w1	703	0	0	.	
> .	nil8w1	703	0	0	.	
> .	nil9w1	703	0	0	.	
> .	nil10w1	703	0	0	.	
> 8	dil1w1	519	184	127	-137775	1107
> 4	dil2w1	647	56	46	-619	1053
> 3	dil3w1	689	14	13	5479	1029
> 1	dil4w1	700	3	3	9617	983
> 1	dil5w1	702	1	1	9831	983
> .	dil6w1	703	0	0	.	
> .	dil7w1	703	0	0	.	
> .	dil8w1	703	0	0	.	
> .	dil9w1	703	0	0	.	
> .	dil10w1	703	0	0	.	
> 0	dril1w1	534	169	33	0	5
> 1	dril2w1	649	54	21	0	5
> 4	dril3w1	689	14	7	0	3
> 4	dril4w1	700	3	3	2	2
	dril5w1	702	1	1	24	2

```

> 4      dril6w1 |      703      0 |      0      .
> .      dril7w1 |      703      0 |      0      .
> .      dril8w1 |      703      0 |      0      .
> .      dril9w1 |      703      0 |      0      .
> .      dril10w1 |      703      0 |      0      .
> .      nil1w2 |      400     303 |     17      1      1
> 8      nil2w2 |      576     127 |     15      2      1
> 8      nil3w2 |      664      39 |     12      2      1
> 8      nil4w2 |      694       9 |      8      2      1
> 4      nil5w2 |      699       4 |      2     10      1
> 6      nil6w2 |      702       1 |      1     13      1
> 3      nil7w2 |      702       1 |      1     16      1
> 6      nil8w2 |      703       0 |      0      .
> .      nil9w2 |      703       0 |      0      .
> .      nil10w2 |      703       0 |      0      .
> .      dil1w2 |      400     303 |     197   -352884   1381
> 9      dil2w2 |      577     126 |      97   -354552   1432
> 6      dil3w2 |      665      38 |      32     9612   1340
> 3      dil4w2 |      694       9 |      9     9616   1388
> 0      dil5w2 |      699       4 |      4    10088   1241
> 9      dil6w2 |      702       1 |      1    11017   1101
> 7      dil7w2 |      702       1 |      1    12539   1253
> 9      dil8w2 |      703       0 |      0      .
> .      dil9w2 |      703       0 |      0      .
> .

```

> .	dil10w2		703		0		0		.	
> 4	dril1w2		411		292		27		0	3
> 7	dril2w2		580		123		23		1	2
> 3	dril3w2		666		37		14		0	2
> 8	dril4w2		694		9		6		2	1
> 8	dril5w2		699		4		4		1	1
> 0	dril6w2		702		1		1		20	2
> 6	dril7w2		702		1		1		16	1
> .	dril8w2		703		0		0		.	
> .	dril9w2		703		0		0		.	
> .	dril10w2		703		0		0		.	
> 2	pil1w2		2		701		3		0	
> 2	pil2w2		2		701		3		0	
> 2	pil3w2		3		700		3		0	
> 2	pil4w2		3		700		3		0	
> 2	pil5w2		3		700		3		0	
> 2	pil6w2		3		700		2		0	
> 1	pil7w2		3		700		2		0	
> 0	pil8w2		3		700		1		0	
> 0	pil9w2		3		700		1		0	
> 0	pil10w2		3		700		1		0	
> 8	nil1w3		192		511		16		1	1
> 8	nil2w3		390		313		17		1	1
> 8	nil3w3		535		168		15		2	1
> 8	nil4w3		621		82		12		2	1

> 8	nil5w3	652	51	15	2	1
> 8	nil6w3	678	25	12	2	1
> 8	nil7w3	693	10	8	6	1
> 7	nil8w3	697	6	5	6	1
> 6	nil9w3	700	3	3	8	1
> 6	nil10w3	703	0	0	.	
> .	dil1w3	194	509	327	-137775	1857
> 3	dil2w3	389	314	230	5072	1853
> 4	dil3w3	536	167	124	-137775	1832
> 2	dil4w3	621	82	65	9616	1832
> 2	dil5w3	651	52	35	9616	1848
> 4	dil6w3	676	27	21	10088	1805
> 3	dil7w3	693	10	6	14610	1716
> 7	dil8w3	697	6	4	14976	1716
> 7	dil9w3	700	3	3	16437	1753
> 2	dil10w3	702	1	1	17684	1768
> 4	dril1w3	212	491	26	0	4
> 8	dril2w3	397	306	24	0	3
> 7	dril3w3	537	166	20	0	2
> 4	dril4w3	623	80	18	0	2
> 4	dril5w3	652	51	13	0	2
> 4	dril6w3	679	24	7	1	
> 7	dril7w3	693	10	6	3	1
> 0	dril8w3	697	6	3	3	
> 9						

> 5	dril9w3		700		3		3		2	
> 2	dril10w3		702		1		1		2	
> 0	smokw1		3		700		26		0	28
> 0	beerw1		1		702		12		0	10
> 0	beerw2		2		701		14		0	5
> 0	beerw3		1		702		13		0	2
> 0	liqw1		2		701		13		0	3
> 4	medcow1		1		702		15		0	2
> 0	medcow3		3		700		20		0	5
> 0	hospw1		1		702		25		0	20
> 0	vishphw1		130		573		7		0	1
> 0	vishphw2		126		577		6		0	1
> 0	vishphw3		126		577		10		0	3
> 2	mhoutw1		127		576		5		0	1
> 2	mhoutw2		124		579		6		0	1
> 2	mhoutw3		126		577		8		0	1
> 0	mhinw1		125		578		3		0	3
> 0	mhinw2		125		578		7		0	20
> 0	mhinw3		126		577		8		0	3
> 3	vishpw1		125		578		4		0	
> 5	vishpw2		125		578		5		0	
> 5	vishpw3		125		578		5		0	
> 0	goferw2		1		702		15		0	10
> 0	trgovw1		125		578		18		0	10
> 0	trgovw2		125		578		19		0	10

> 0	trgovw3	125	578	18	0	10
> 0	trrepw1	125	578	17	0	10
> 0	trrepw2	125	578	19	0	10
> 0	trrepw3	125	578	18	0	10
> 0	latdrel	687	16	4	44	5
> 1	londrel	687	16	8	14	9
> 6	latmrel	687	16	12	13	300
> 0	lonmrel	687	16	13	10	470
> 0	defnw1	1	702	27	0	10
> 0	ecprw1	1	702	20	0	10
> 0	airw1	1	702	21	0	10
> 0	radw1	8	695	14	0	10
> 0	radw2	7	696	17	0	10
> 0	radw3	7	696	17	0	10
> 0	radtlw1	1	702	18	0	10
> 0	radhlw1	1	702	21	0	10
> 0	dafter	10	693	18	0	85
> 0	dauthw3	1	702	22	0	10
> 0	skin	1	702	27	0	10
> 0	dxdat_1	78	625	491	-137774	1861
> 8	dxdat_2	231	472	386	5689	1853
> 4	dxdat_3	389	314	286	-137774	1856
> 1	dxdat_4	514	189	170	-137774	1838
> 3	dxdat_5	593	110	108	7305	1839
> 4						

> 3	dxdat_6	641	62	56	9831	1835
> 1	dxdat_7	670	33	32	9831	1824
> 2	dxdat_8	687	16	16	8043	1832
> 3	dxdat_9	691	12	12	9831	1835
> 2	dxdat_10	692	11	11	9831	1832
> 2	dxdat_11	694	9	9	9831	1832
> 2	dxdat_12	698	5	5	15522	1832
> 0	dxnum1	16	687	38	0	5
> 1	dxnum2	41	662	31	0	3
> 6	dxnum3	55	648	30	0	3
> 1	dxnum4	77	626	26	0	3
> 0	dxnum5	101	602	21	0	3
> 5	dxnum6	120	583	17	0	2
> 5	dxnum7	123	580	15	0	2
> 6	dxnum8	125	578	8	0	2
> 5	dxnum9	125	578	4	0	2
> 5	dxnum10	125	578	8	0	2
> 5	dxnum11	125	578	6	0	2
> 5	dxnum12	125	578	5	0	2
> 7	doctn1980	422	281	6	0	
> 0	doctn1981	422	281	4	0	1
> 5	doctn1982	422	281	5	0	
> 4	doctn1983	422	281	3	0	
> 5	doctn1984	422	281	5	0	1
	doctn1985	422	281	4	0	

> 5	doctn1986		422		281		14	0	2
> 0	doctn1987		422		281		9	0	1
> 2	doctn1988		422		281		9	0	1
> 5	doctn1989		422		281		10	0	1
> 2	doctn1990		422		281		8	0	1
> 5	doctn1991		422		281		7	0	
> 7	doctn1992		422		281		9	0	1
> 7	doctn1993		422		281		8	0	1
> 3	doctn1994		422		281		7	0	1
> 2	doctn1995		422		281		8	0	1
> 2	doctn1996		422		281		13	0	2
> 0	doctn1997		422		281		9	0	2
> 0	doctn1998		422		281		10	0	1
> 2	doctn1999		422		281		9	0	1
> 2	doctn2000		422		281		9	0	1
> 2	doctn2001		422		281		9	0	1
> 2	doctn2002		422		281		10	0	1
> 4	doctn2003		422		281		9	0	1
> 2	doctn2004		422		281		10	0	1
> 2	doctn2005		422		281		10	0	1
> 2	doctn2006		422		281		10	0	1
> 2	doctn2007		422		281		9	0	1
> 2	doctn2008		422		281		12	0	2
> 0	doctn2009		422		281		11	0	1
> 5									

> 0	doctn2010		422		281		1	0	
> 3	latdt1r2		560		143		21	29	6
> 8	latdt1r3		684		19		10	43	5
> 0	latdt1r4		700		3		3	45	5
> 5	londt1r2		560		143		30	11	13
> 9	londt1r3		684		19		9	27	3
> 5	londt1r4		700		3		2	30	3
> 2	latmt1r2		560		143		70	0	880
> 6	latmt1r3		684		19		17	0	7
> 5	latmt1r4		700		3		3	3	8
> 0	lonmt1r2		560		143		70	0	820
> 1	lonmt1r3		684		19		16	0	9
> 2	lonmt1r4		700		3		3	15	5
> 5	dayt1r2		561		142		45	1	6
> 5	dayt1r3		684		19		14	2	4
> 7	dayt1r4		700		3		3	5	4
> 3	typet1r2		1		702		4	0	
> 3	occt1r2		101		602		4	0	
> 3	occt1r3		124		579		3	0	
> 3	occt1r4		124		579		3	0	
> 0	mlldt1r2		1		702		13	0	700
> 0	mlldt1r3		122		581		6	0	500
> 0	mlldt1r4		122		581		3	0	100
> 0	gldt1r1		39		664		19	0	30000
> 0	gldt1r2		110		593		15	0	20000

> 0	gldt1r3	125	578	10	0	300
> 0	gldt1r4	125	578	4	0	120
> 0	glvt1r1	56	647	24	0	800
> 0	glvt1r2	118	585	15	0	600
> 0	glvt1r3	125	578	5	0	100
> 0	glvt1r4	125	578	3	0	100
> 0	latdt2r2	541	162	17	30	6
> 3	latdt2r3	687	16	10	44	5
> 4	latdt2r4	701	2	2	47	5
> 2	londt2r2	541	162	25	10	9
> 3	londt2r3	687	16	11	12	6
> 3	londt2r4	701	2	2	13	3
> 5	latmt2r2	541	162	67	0	9
> 7	latmt2r3	687	16	16	0	9
> 2	latmt2r4	701	2	2	83	8
> 5	lonmt2r2	541	162	67	0	9
> 9	lonmt2r3	687	16	15	0	8
> 7	lonmt2r4	701	2	2	15	8
> 1	dayt2r2	542	161	49	7	16
> 9	dayt2r3	687	16	10	14	14
> 5	dayt2r4	701	2	2	14	15
> 8	occt2r2	103	600	4	0	
> 3	occt2r3	125	578	4	0	
> 3	occt2r4	125	578	2	0	
> 3						

> 0	mlldt2r1		42		661		20		0		800
> 0	mlldt2r2		111		592		15		0		700
> 0	mlldt2r3		125		578		7		0		500
> 0	mlldt2r4		125		578		2		0		100
> 0	gldt2r1		26		677		18		0		30000
> 0	gldt2r2		105		598		13		0		30000
> 0	gldt2r3		125		578		8		0		150
> 0	gldt2r4		125		578		2		0		20
> 0	gpott2r1		1		702		21		0		50000
> 0	gpott2r2		104		599		14		0		50000
> 0	gpott2r3		125		578		5		0		200
> 0	gpott2r4		125		578		2		0		100
> 0	gprkt2r1		24		679		17		0		500
> 0	gprkt2r2		108		595		13		0		500
> 0	gprkt2r3		125		578		8		0		100
> 0	gprkt2r4		125		578		3		0		60
> 0	gbft2r1		37		666		17		0		300
> 0	gbft2r2		113		590		13		0		300
> 0	gbft2r3		125		578		6		0		50
> 0	gbft2r4		125		578		3		0		50
> 0	gpltt2r1		12		691		33		0		600
> 0	gpltt2r2		104		599		20		0		600
> 0	gpltt2r3		125		578		8		0		250
> 0	gpltt2r4		125		578		3		0		50
> 0	gmsht2r1		93		610		16		0		300

```

> 0      gmsht2r2 |      119      584 |      9      0      300
> 0      gmsht2r3 |      125      578 |      4      0      40
> 0      gmsht2r4 |      125      578 |      1      0
> 0      latdt3r2 |      595      108 |     19     32      6
> 6      latdt3r3 |      678       25 |     13     28      6
> 7      latdt3r4 |      702       1 |      1     50      5
> 0      londt3r2 |      595      108 |     27     12     14
> 2      londt3r3 |      678       25 |     15     13     11
> 3      londt3r4 |      702       1 |      1     30      3
> 0      latmt3r2 |      595      108 |     56      0      9
> 6      latmt3r3 |      678       25 |     18      4      8
> 0      latmt3r4 |      702       1 |      1     44      4
> 4      lonmt3r2 |      595      108 |     55      1      9
> 8      lonmt3r3 |      678       25 |     24      0      8
> 7      lonmt3r4 |      702       1 |      1     52      5
> 2      mntht3r2 |      595      108 |     28      1      4
> 7      mntht3r3 |      678       25 |     14      1      4
> 5      mntht3r4 |      702       1 |      1     42      4
> 2      occt3r2 |      110      593 |      4      0
> 3      occt3r3 |      124      579 |      4      0
> 3      occt3r4 |      125      578 |      2      0
> 2      mlldt3r1 |       43      660 |     22      0    1000
> 0      mlldt3r2 |      113      590 |     12      0    1000
> 0      mlldt3r3 |      124      579 |      7      0     300
> 0

```

> 0	mlldt3r4		125		578		2		0		200
> 0	gldt3r1		26		677		16		0		500
> 0	gldt3r2		110		593		13		0		400
> 0	gldt3r3		124		579		6		0		100
> 0	gldt3r4		125		578		2		0		10
> 0	gpott3r1		1		702		21		0		900
> 0	gpott3r2		110		593		9		0		600
> 0	gpott3r3		123		580		5		0		300
> 0	gpott3r4		125		578		2		0		150
> 0	gprkt3r1		25		678		22		0		30000
> 0	gprkt3r2		113		590		15		0		30000
> 0	gprkt3r3		123		580		11		0		10000
> 0	gprkt3r4		125		578		2		0		50
> 0	gbft3r1		35		668		18		0		90000
> 0	gbft3r2		117		586		12		0		600
> 0	gbft3r3		123		580		6		0		50
> 0	gbft3r4		125		578		2		0		50
> 0	spltt3r1		3		700		4		0		
> 3	gpltt3r1		12		691		22		0		50000
> 0	gpltt3r2		110		593		12		0		300
> 0	gpltt3r3		123		580		10		0		200
> 0	gpltt3r4		125		578		2		0		50
> 0	gmsht3r1		85		618		17		0		300
> 0	gmsht3r2		121		582		10		0		50
> 0	gmsht3r3		125		578		4		0		20

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> 0      gmsht3r4 |      125      578 |      1      0
> 0      latdt4r2 |      595      108 |     18     27      6
> 6      latdt4r3 |      680      23  |      6     46      5
> 5      latdt4r4 |      699      4  |      4      8      5
> 9      londt4r2 |      595      108 |     21      6     10
> 7      londt4r3 |      680      23  |     11     19      4
> 0      londt4r4 |      699      4  |      4     11      3
> 0      latmt4r2 |      595      108 |     46      6      9
> 6      latmt4r3 |      680      23  |     16      6      9
> 5      latmt4r4 |      699      4  |      4     25      5
> 7      lonmt4r2 |      595      108 |     48      1      9
> 9      lonmt4r3 |      680      23  |     19      4      9
> 4      lonmt4r4 |      699      4  |      4      7      8
> 4      mntht4r2 |      597      106 |     51      4     22
> 2      mntht4r3 |      680      23  |     17      6     20
> 4      mntht4r4 |      699      4  |      3     12      8
> 9      occt4r2  |      112      591 |      4      0
> 3      occt4r3  |      124      579 |      4      0
> 3      occt4r4  |      125      578 |      2      0
> 3      mlldt4r1 |       46      657 |     20      0    1000
> 0      mlldt4r2 |      116      587 |     11      0     800
> 0      mlldt4r3 |      124      579 |      8      0     700
> 0      mlldt4r4 |      125      578 |      4      0     200
> 0      gldt4r1  |       21      682 |     22      0   50000
> 0

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> 0	gldt4r2		116		587		11	0	20000
> 0	gldt4r3		124		579		9	0	20000
> 0	gldt4r4		125		578		4	0	100
> 3	spott4r1		2		701		4	0	
> 0	gpott4r1		2		701		23	0	80000
> 0	gpott4r2		112		591		14	0	80000
> 0	gpott4r3		124		579		8	0	600
> 0	gpott4r4		125		578		2	0	200
> 0	gprkt4r1		27		676		18	0	1000
> 0	gprkt4r2		115		588		11	0	200
> 0	gprkt4r3		124		579		6	0	200
> 0	gprkt4r4		125		578		2	0	50
> 3	sbft4r1		33		670		4	0	
> 3	sbft4r2		1		702		4	0	
> 0	gbft4r1		34		669		20	0	50000
> 0	gbft4r2		118		585		11	0	100
> 0	gbft4r3		124		579		7	0	80
> 0	gbft4r4		125		578		3	0	50
> 0	gplt4r1		11		692		18	0	50000
> 0	gplt4r2		113		590		13	0	300
> 0	gplt4r3		124		579		9	0	200
> 0	gplt4r4		125		578		3	0	40
> 0	gmsht4r1		74		629		16	0	200
> 0	gmsht4r2		119		584		9	0	100
> 0	gmsht4r3		124		579		6	0	50

> 0	gmsht4r4	125	578	2	0	10
> 0	cskpothe	4	699	3	1	
> 3	cswghopt	4	699	4	0	
> 3	csstndfr	4	699	4	0	
> 3	csbbspor	4	699	4	0	
> 3	hpwlkinr	4	699	2	0	
> 1	hphrdcnt	1	702	2	0	
> 1	hpwlkpai	3	700	2	0	
> 1	hptemper	1	702	2	0	
> 1	hplocntr	4	699	2	0	
> 1	hpstdpai	4	699	2	0	
> 1	hphardre	4	699	2	0	
> 1	hostilit	4	699	17	0	1
> 7	CSprbslv	4	699	23	11	3
> 3	CSavoid	4	699	19	11	2
> 9	WHP10pa	4	699	2	0	11.5
> 4	WHP15si	1	702	2	0	19.3
> 6	WHP19p	3	700	2	0	11.
> 2	WHP20er	1	702	2	0	9.7
> 6	WHP23er	4	699	2	0	13.9
> 9	WHP24p	4	699	2	0	8.9
> 6	WHP25pa	4	699	2	0	12.6
> 1	whp23er	4	699	2	0	13.9
> 9	ranown2	2	701	50	1	5
> 1						

> 0	townnown		2		701		77	1	8
> 0	totltele		2		701		44	1437	106720
> 1	area		2		701		49	1	5
> 8	areacodewt		2		701		51	44	459
> 1	combined		2		701		2	0	
> 3	oblknown		2		701		3	1	
> 0	numresp		2		701		43	2	924
> 0	mar0w3		340		363		1	0	
> 1	emplw35		340		363		2	0	
> 8	icdx2n		147		556		148	1	14
> 2	icdx3n		212		491		122	1	12
> 9	icdx4n		249		454		99	1	9
> 7	icdx5n		267		436		57	1	5
> 5	icdx6n		246		457		45	1	4
> 2	icdx7n		189		514		32	1	3
> 7	icdx8n		173		530		17	1	1
> 9	icdx9n		173		530		9	1	
> 1	icdx10n		176		527		11	1	1
> 8	icdx11n		176		527		8	1	
> 6	icdx12n		157		546		6	1	
> 9	icdx1nr		38		665		20	20	999
> 7	icdx1n		38		665		177	1	17
> 1	icdx1nr1		38		665		2	0	
> 1	icdx1nr2		38		665		2	0	
> 1	icdx1nr3		38		665		2	0	

> 1	icdx1nr4	38	665	2	0
> 1	icdx1nr5	38	665	2	0
> 1	icdx1nr6	38	665	2	0
> 1	icdx1nr7	38	665	2	0
> 1	icdx1nr8	38	665	2	0
> 1	icdx1nr9	38	665	2	0
> 1	icdx1nr10	38	665	2	0
> 1	icdx1nr11	38	665	2	0
> 1	icdx1nr12	38	665	2	0
> 1	icdx1nr13	38	665	2	0
> 1	icdx1nr14	38	665	2	0
> 1	icdx1nr15	38	665	2	0
> 1	icdx1nr16	38	665	2	0
> 1	icdx1nr17	38	665	2	0
> 1	icdx1nr18	38	665	2	0
> 1	icdx1nr19	38	665	2	0
> 1	icdx1nr20	38	665	2	0
> -					

```

48 . // Conversation with RM on 14 Dec 2011
49 . // not imputing any psychological responses scale test item is to be imput
    > ed
50 . // no medical dx to be imputed icd9 codes
51 . // joint decisions on what to impute
52 . // impute smok, beer, liq
53 . // dropping all homeopathic questions
54 . // dropping all questions asking number of days
55 . // keeping all questions asking for Number of vists to clinic
56 . // not imputing visits because 0 may be valid there
57 . // not imputes days visited
58 . // masha will make fix on three files
59 . // my acknowledgement of new and different datasets for multiple and diffe
    > rent imputed data
60 . // input data, do file, output data and pdf and smcl version of output
61 . // each analysis has preamble for data description and missing value manag
    > ement
62 . // recode case 670 on all datasets as living in Kiev
63 .
64 . save chwide21dec2011masterImputed1, replace
    (note: file chwide21dec2011masterImputed1.dta not found)
    file chwide21dec2011masterImputed1.dta saved

```