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Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

[Previously saved workspace restored]

> mydata

	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10	V11	V12	V13	V14	V15	V16	V17	V18	V19	V20	V21
1	0	1	0	0	0	0	0	1	4	3	600	5	450	3	1000	5	600	8	450	5	1000
2	0	NA	0	1	0	0	0	1	4	3	600	5	450	3	1000	5	600	8	450	5	1000
3	0	NA	1	NA	0	0	0	1	4	3	600	5	450	3	1000	5	600	8	450	5	1000
4	0	NA	NA	NA	0	1	0	1	4	3	600	5	450	3	1000	5	600	8	450	5	1000
5	0	NA	NA	NA	0	NA	1	1	4	3	600	5	450	3	1000	5	600	8	450	5	1000
6	0	NA	NA	NA	1	NA	NA	1	4	3	600	5	450	3	1000	5	600	8	450	5	1000
7	0	1	0	0	0	0	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
8	0	NA	0	1	0	0	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
9	1	NA	0	NA	0	0	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
10	NA	NA	0	NA	0	1	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
11	NA	NA	1	NA	0	NA	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
12	NA	NA	NA	NA	1	NA	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
13	1	0	0	0	0	0	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
14	NA	0	0	1	0	0	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
15	NA	0	0	NA	0	1	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
16	NA	0	0	NA	1	NA	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
17	NA	1	0	NA	NA	NA	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
18	NA	NA	1	NA	NA	NA	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
19	0	1	0	0	0	0	0	0	1	3	600	5	450	3	1000	5	600	8	450	5	1000
20	1	NA	0	0	0	0	0	0	1	3	600	5	450	3	1000	5	600	8	450	5	1000
21	NA	NA	0	1	0	0	0	0	1	3	600	5	450	3	1000	5	600	8	450	5	1000
22	NA	NA	1	NA	0	0	0	0	1	3	600	5	450	3	1000	5	600	8	450	5	1000
23	NA	NA	NA	NA	0	1	0	0	1	3	600	5	450	3	1000	5	600	8	450	5	1000
24	NA	NA	NA	NA	1	NA	0	0	1	3	600	5	450	3	1000	5	600	8	450	5	1000
25	0	1	0	0	0	0	0	0	2	3	600	5	450	3	1000	5	600	8	450	5	1000
26	0	NA	1	0	0	0	0	0	2	3	600	5	450	3	1000	5	600	8	450	5	1000
27	0	NA	NA	0	0	1	0	0	2	3	600	5	450	3	1000	5	600	8	450	5	1000
28	0	NA	NA	0	0	NA	1	0	2	3	600	5	450	3	1000	5	600	8	450	5	1000
29	1	NA	NA	0	0	NA	NA	0	2	3	600	5	450	3	1000	5	600	8	450	5	1000
30	NA	NA	NA	0	1	NA	NA	0	2	3	600	5	450	3	1000	5	600	8	450	5	1000
31	0	1	0	0	0	0	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
32	0	NA	0	1	0	0	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
33	0	NA	0	NA	0	1	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
34	1	NA	0	NA	0	NA	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
35	NA	NA	0	NA	1	NA	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
36	NA	NA	1	NA	NA	NA	0	0	0	3	600	5	450	3	1000	5	600	8	450	5	1000
37	0	1	0	0	0	0	0	1	0	3	600	5	450	3	1000	5	600	8	450	5	1000
38	0	NA	0	0	0	0	1	1	0	3	600	5	450	3	1000	5	600	8	450	5	1000
39	1	NA	0	0	0	0	NA	1	0	3	600	5	450	3	1000	5	600	8	450	5	1000
40	NA	NA	0	0	0	1	NA	1	0	3	600	5	450	3	1000	5	600	8	450	5	1000
41	NA	NA	1	0	0	NA	NA	1	0	3	600	5	450	3	1000	5	600	8	450	5	1000
42	NA	NA	NA	0	1	NA	NA	1	0	3	600	5	450	3	1000	5	600	8	450	5	1000

	V22	V23
1	8	600
2	8	600
3	8	600
4	8	600
5	8	600
6	8	600
7	8	600
8	8	600
9	8	600
10	8	600

```
11 8 600
12 8 600
13 8 600
14 8 600
15 8 600
16 8 600
17 8 600
18 8 600
19 8 600
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21 8 600
22 8 600
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24 8 600
25 8 600
26 8 600
27 8 600
28 8 600
29 8 600
30 8 600
31 8 600
32 8 600
33 8 600
34 8 600
35 8 600
36 8 600
37 8 600
38 8 600
39 8 600
40 8 600
41 8 600
42 8 600
```

```
> local({pkg <- select.list(sort(.packages(all.available = TRUE)))
+ if(nchar(pkg)) library(pkg, character.only=TRUE)})
```

```
Loading required package: MASS
```

```
MNP: R Package for Fitting the Multinomial Probit Model
```

```
Version: 2.3-6
```

```
> mnp(formula=cbind(y1,y2,y3,y4,y5,y6,y7)~x1+x12,data=mydata, choiceX=list(A=cbind(z1,z2),B=cbind(z3,z4),C=cbind(z5,z6),D=cbind(z7,z8),E=cbind(z9,z10),F=cbind(z11,z12),G=cbind(z13,z14)), cXnames=c("point","penalty"), n.draws=10000,burnin=2000,thin=3,verbose=TRUE)
```

```
The base category is `y7'.
```

```
The total number of alternatives is 7.
```

```
Error in xmatrix.mnp(formula, data = eval.parent(data), choiceX = call$choiceX, :
  Error: Invalid input for `choiceX.'
Some variables do not exist.
```

```
>
```