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> require(likert)
> require(reshape)
> data(pisaitems)
> ##### Item 24: Reading Attitudes
> items24 <- pisaitems[,substr(names(pisaitems), 1,5) == 'ST24Q']
> items24 <- rename(items24, c(
      ST24Q01="I read only if I have to.",
      ST24Q02="Reading is one of my favorite hobbies.",
      ST24Q03="I like talking about books with other people.",
      ST24Q04="I find it hard to finish books.",
      ST24Q05="I feel happy if I receive a book as a present.",
      ST24Q06="For me, reading is a waste of time.",
      ST24Q07="I enjoy going to a bookstore or a library.",
      ST24Q08="I read only to get information that I need.",
      ST24Q09="I cannot sit still and read for more than a few minutes.",
      ST24Q10="I like to express my opinions about books I have read.",
      ST24Q11="I like to exchange books with my friends.))
> l24 = likert(items24)
> l24g <- likert(items24, grouping=pisaitems$CNT)
```

```
> xtable(124)
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Item	n	mean	sd	low	high
I like to express my opinions about books I have read.	65491	2.60	0.90	41.08	58.92
I feel happy if I receive a book as a present.	65556	2.47	0.94	46.93	53.07
I read only to get information that I need.	65414	2.48	0.91	50.40	49.60
I enjoy going to a bookstore or a library.	65480	2.43	0.92	51.21	48.79
I like talking about books with other people.	65476	2.33	0.91	54.99	45.01
I like to exchange books with my friends.	65390	2.34	0.96	55.54	44.46
Reading is one of my favorite hobbies.	65371	2.34	0.93	56.64	43.36
I read only if I have to.	65456	2.29	0.94	58.73	41.27
I find it hard to finish books.	65389	2.18	0.90	65.35	34.65
I cannot sit still and read for more than a few minutes.	65497	1.97	0.88	76.25	23.75
For me, reading is a waste of time.	65555	1.81	0.86	82.89	17.11

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> xtable(124g)
```

Group	Item	n	mean	sd	low	high
Canada	I read only if I have to.	65491	2.28	1.00	60.83	39.17
Canada	Reading is one of my favorite hobbies.	65556	2.25	0.99	61.97	38.03
Canada	I like talking about books with other people.	65414	2.27	0.95	56.91	43.09
Canada	I find it hard to finish books.	65480	2.05	0.92	71.77	28.23
Canada	I feel happy if I receive a book as a present.	65476	2.38	0.97	50.14	49.86
Canada	For me, reading is a waste of time.	65390	1.94	0.97	75.72	24.28
Canada	I enjoy going to a bookstore or a library.	65371	2.48	1.00	48.27	51.73
Canada	I read only to get information that I need.	65456	2.29	0.92	61.24	38.76
Canada	I cannot sit still and read for more than a few minutes.	65389	1.95	0.95	76.16	23.84
Canada	I like to express my opinions about books I have read.	65497	2.50	0.93	46.59	53.41
Canada	I like to exchange books with my friends.	65555	2.24	0.99	59.60	40.40
Mexico	I read only if I have to.	65491	2.27	0.89	58.64	41.36
Mexico	Reading is one of my favorite hobbies.	65556	2.44	0.87	51.69	48.31
Mexico	I like talking about books with other people.	65414	2.37	0.88	53.23	46.77
Mexico	I find it hard to finish books.	65480	2.26	0.88	61.02	38.98
Mexico	I feel happy if I receive a book as a present.	65476	2.56	0.92	42.96	57.04
Mexico	For me, reading is a waste of time.	65390	1.70	0.75	88.40	11.60
Mexico	I enjoy going to a bookstore or a library.	65371	2.39	0.85	53.62	46.38
Mexico	I read only to get information that I need.	65456	2.61	0.88	43.58	56.42
Mexico	I cannot sit still and read for more than a few minutes.	65389	1.97	0.82	76.99	23.01
Mexico	I like to express my opinions about books I have read.	65497	2.69	0.87	36.67	63.33
Mexico	I like to exchange books with my friends.	65555	2.43	0.93	51.75	48.25
United States	I read only if I have to.	65491	2.49	0.95	50.17	49.83
United States	Reading is one of my favorite hobbies.	65556	2.11	0.93	69.60	30.40
United States	I like talking about books with other people.	65414	2.24	0.91	59.45	40.55
United States	I find it hard to finish books.	65480	2.14	0.89	68.94	31.06
United States	I feel happy if I receive a book as a present.	65476	2.17	0.93	62.03	37.97
United States	For me, reading is a waste of time.	65390	2.03	0.95	74.00	26.00
United States	I enjoy going to a bookstore or a library.	65371	2.51	0.98	46.56	53.44
United States	I read only to get information that I need.	65456	2.44	0.90	52.74	47.26
United States	I cannot sit still and read for more than a few minutes.	65389	2.09	0.95	71.15	28.85
United States	I like to express my opinions about books I have read.	65497	2.46	0.92	49.11	50.89
United States	I like to exchange books with my friends.	65555	2.17	0.94	65.54	34.46