> mirtarg2 <- mirt(arg2,1)

Iteration: 24, Log-Lik: -21968.567, Max-Change: 0.00005

> summary(mirtarg2, rotate="varimax", suppress=.31)

F1 h2

C001 0.038644

C002 0.014433

E018 0.531 0.282090

E034 0.075486

E035 0.001392

E036 0.000264

E039 0.000086

F028 0.397 0.158004

F034 0.703 0.494855

F063 -0.572 0.327281

F116 0.404 0.163584

F118 0.636 0.404449

F120 0.747 0.557691

F121 0.663 0.439763

G006 0.323 0.104170

E069\_07 0.020806

E069\_06 0.334 0.111728

E069\_17 0.087497

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

> mirtarg3 <- mirt(arg3,1)

"F028" re-mapped to ensure all categories have a distance of 1

Iteration: 22, Log-Lik: -26777.296, Max-Change: 0.00006

> summary(mirtarg3, rotate="varimax", suppress=.31)

F1 h2

B008 0.00649

C001 0.03638

C002 0.07201

E018 0.504 0.25449

E034 -0.329 0.10792

E035 0.01434

E036 0.00168

E039 0.00938

F028 0.581 0.33790

F034 0.652 0.42472

F063 -0.669 0.44753

F116 0.09585

F118 0.638 0.40667

F120 0.632 0.39923

F121 0.587 0.34498

G006 0.435 0.18880

E069\_07 0.02178

E069\_06 0.411 0.16930

E069\_12 0.00996

E069\_17 0.374 0.13968

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

>

>

>

> mirtarg4 <- mirt(arg4,1)

"F028" re-mapped to ensure all categories have a distance of 1

Iteration: 35, Log-Lik: -29014.857, Max-Change: 0.00009

> summary(mirtarg4, rotate="varimax", suppress=.31)

F1 h2

B008 0.001525

C001 0.030326

C002 0.008272

E018 0.433 0.187405

E034 0.040576

E035 0.001522

E036 0.000274

E039 0.000350

F028 0.575 0.330951

F034 0.753 0.566761

F063 -0.649 0.421101

F116 0.328 0.107410

F118 0.485 0.235178

F120 0.647 0.417974

F121 0.470 0.221214

G006 0.390 0.152376

E069\_07 0.062765

E069\_06 0.338 0.114537

E069\_12 0.055133

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

>

>

>

> mirtarg5 <- mirt(arg5,1)

"F028" re-mapped to ensure all categories have a distance of 1

Iteration: 24, Log-Lik: -22155.773, Max-Change: 0.00006

> summary(mirtarg5, rotate="varimax", suppress=.31)

F1 h2

B008 0.007006

C001 0.000609

C002 0.000919

E018 0.371 0.137606

E035 0.012984

E036 0.000372

E039 0.007665

F028 0.435 0.189107

F034 0.532 0.282947

F063 -0.415 0.172181

F116 0.016078

F118 0.090054

F120 0.388 0.150856

F121 0.332 0.110433

G006 0.355 0.126141

E069\_07 0.802 0.642685

E069\_06 0.781 0.609828

E069\_12 0.705 0.497435

E069\_17 0.798 0.637285

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

>

>

>

>

> mirtarg6 <- mirt(arg6,1)

"F028" re-mapped to ensure all categories have a distance of 1

Iteration: 22, Log-Lik: -26146.783, Max-Change: 0.00008

> summary(mirtarg6, rotate="varimax", suppress=.31)

F1 h2

B008 0.00471

C001 0.00746

C002 0.01355

E018 0.357 0.12750

E035 0.06902

E036 0.04688

E039 0.01948

F028 0.697 0.48590

F034 0.790 0.62468

F063 -0.714 0.51045

F116 0.01525

F118 0.522 0.27197

F120 0.609 0.37100

F121 0.559 0.31288

G006 0.02954

E069\_07 0.00586

E069\_06 0.351 0.12322

E069\_12 0.00781

E069\_17 0.02133

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

>

>

>

> mirtarg7 <- mirt(arg7,1)

"F028" re-mapped to ensure all categories have a distance of 1

Iteration: 42, Log-Lik: -26400.990, Max-Change: 0.00010

> summary(mirtarg7, rotate="varimax", suppress=.31)

F1 h2

B008 0.011683

C001 0.009147

C002 0.036993

E018 0.064205

E034 0.007214

E035 0.014481

E036 0.000806

E039 0.010324

F028 0.631 0.397822

F034 0.716 0.513349

F063 -0.688 0.472981

F116 0.080266

F118 0.544 0.295622

F120 0.647 0.418171

F121 0.486 0.236369

G006 0.077304

E069\_07 0.012582

E069\_06 0.066016

E069\_12 0.008807

E069\_17 0.064146

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1