> mirtmexico2 <- mirt(mexico2,1)

Iteration: 34, Log-Lik: -39542.992, Max-Change: 0.00010

> summary(mirtmexico2, rotate="varimax", suppress=.31)

F1 h2

C001 1.04e-02

C002 7.92e-03

E018 7.44e-02

E034 3.90e-02

E035 1.02e-02

E036 3.75e-05

E039 5.71e-03

F028 7.22e-02

F034 6.35e-02

F063 7.27e-02

F116 1.04e-02

F118 2.50e-02

F120 3.11e-02

F121 1.89e-02

G006 1.57e-02

E069\_07 0.816 6.66e-01

E069\_06 0.833 6.94e-01

E069\_12 0.741 5.49e-01

E069\_17 0.722 5.22e-01

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

> mirtmexico3 <- mirt(mexico3,1)

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

Iteration: 85, Log-Lik: -39247.339, Max-Change: 0.00010

> summary(mirtmexico3, rotate="varimax", suppress=.31)

F1 h2

B008 5.31e-02

C001 2.16e-05

C002 0.321 1.03e-01

E018 4.87e-02

E034 1.14e-02

E035 5.11e-03

E036 1.80e-04

E039 4.92e-02

F028 0.386 1.49e-01

F034 0.582 3.39e-01

F063 -0.708 5.02e-01

F116 0.618 3.82e-01

F118 0.568 3.23e-01

F120 0.705 4.97e-01

F121 0.414 1.71e-01

G006 0.449 2.01e-01

E069\_07 6.61e-03

E069\_06 2.61e-03

E069\_12 6.23e-03

E069\_17 3.13e-03

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

> mirtmexico4 <- mirt(mexico4,1)

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

Iteration: 29, Log-Lik: -32725.325, Max-Change: 0.00006

> summary(mirtmexico4, rotate="varimax", suppress=.31)

F1 h2

B008 0.010681

C001 0.019026

C002 0.005935

E018 0.061253

E034 0.031056

E035 0.005451

E036 0.000398

E039 0.000965

F028 0.004044

F034 0.017515

F063 0.033260

F116 0.005209

F118 0.012517

F120 0.023206

F121 0.017213

G006 0.082592

E069\_07 0.900 0.810252

E069\_06 0.760 0.577136

E069\_12 0.943 0.888582

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

> mirtmexico5 <- mirt(mexico5,1)

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

Iteration: 121, Log-Lik: -35929.662, Max-Change: 0.00010

> summary(mirtmexico5, rotate="varimax", suppress=.31)

F1 h2

B008 7.30e-04

C001 3.73e-04

C002 9.31e-04

E018 3.08e-02

E035 2.11e-03

E036 2.60e-02

E039 8.82e-05

F028 1.77e-02

F034 2.74e-02

F063 8.07e-04

F116 1.73e-03

F118 7.20e-04

F120 2.00e-03

F121 1.33e-03

G006 1.55e-02

E069\_07 0.899 8.08e-01

E069\_06 0.671 4.51e-01

E069\_12 0.906 8.20e-01

E069\_17 0.713 5.09e-01

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

> mirtmexico6 <- mirt(mexico6,1)

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

Iteration: 17, Log-Lik: -46941.082, Max-Change: 0.00006

> summary(mirtmexico6, rotate="varimax", suppress=.31)

F1 h2

B008 9.15e-04

C001 2.22e-04

C002 2.53e-03

E018 6.64e-02

E035 1.59e-04

E036 3.30e-03

E039 5.37e-05

F028 1.36e-02

F034 1.08e-02

F063 4.33e-03

F116 3.72e-04

F118 3.16e-04

F120 1.30e-03

F121 1.81e-03

G006 4.52e-02

E069\_07 0.881 7.75e-01

E069\_06 0.691 4.77e-01

E069\_12 0.838 7.02e-01

E069\_17 0.747 5.59e-01

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

> mirtmexico7 <- mirt(mexico7,1)

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

Iteration: 83, Log-Lik: -46910.439, Max-Change: 0.00010

> summary(mirtmexico7, rotate="varimax", suppress=.31)

F1 h2

B008 2.45e-03

C001 3.82e-03

C002 1.82e-03

E018 4.62e-02

E034 1.76e-03

E035 1.03e-03

E036 3.34e-03

E039 7.16e-04

F028 7.42e-03

F034 1.51e-02

F063 3.17e-05

F116 1.05e-04

F118 7.61e-03

F120 2.74e-03

F121 6.44e-03

G006 9.50e-04

E069\_07 0.841 7.08e-01

E069\_06 0.786 6.18e-01

E069\_12 0.833 6.94e-01

E069\_17 0.824 6.79e-01

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1