> mirtportoRico3 <- mirt(portoRico3,1)

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

Iteration: 21, Log-Lik: -25355.595, Max-Change: 0.00009

> summary(mirtportoRico3, rotate="varimax", suppress=.31)

F1 h2

B008 9.96e-03

C001 4.35e-02

C002 1.82e-03

E018 0.443 1.96e-01

E034 9.58e-03

E035 1.37e-05

E036 1.26e-03

E039 7.21e-03

F028 4.02e-02

F034 8.26e-02

F063 -0.346 1.19e-01

F116 3.89e-02

F118 3.63e-02

F120 4.59e-02

F121 4.59e-02

G006 4.55e-02

E069\_07 0.836 7.00e-01

E069\_06 0.648 4.20e-01

E069\_12 0.787 6.19e-01

E069\_17 0.647 4.19e-01

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

> mirtportoRico4 <- mirt(portoRico4,1)

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

"F063" re-mapped to ensure all categories have a distance of 1

Iteration: 26, Log-Lik: -14143.737, Max-Change: 0.00009

Warning message:

data contains response patterns with only NAs

> summary(mirtportoRico4, rotate="varimax", suppress=.31)

F1 h2

B008 5.70e-03

C001 6.77e-03

C002 9.61e-03

E018 0.558 3.12e-01

E034 1.78e-02

E035 6.37e-06

E036 6.46e-02

E039 5.86e-05

F028 0.353 1.24e-01

F034 7.45e-02

F063 -0.421 1.77e-01

F116 0.547 2.99e-01

F118 0.713 5.08e-01

F120 0.700 4.90e-01

F121 0.727 5.28e-01

G006 0.372 1.38e-01

E069\_07 0.444 1.97e-01

E069\_06 9.10e-02

E069\_12 0.418 1.75e-01

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1

> mirtportoRico7 <- mirt(portoRico7,1)

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

Iteration: 34, Log-Lik: -25175.107, Max-Change: 0.00008

Warning message:

data contains response patterns with only NAs

> summary(mirtportoRico7, rotate="varimax", suppress=.31)

F1 h2

B008 3.26e-03

C001 9.08e-03

C002 2.56e-04

E018 9.31e-03

E034 9.27e-04

E035 7.55e-05

E036 5.70e-06

E039 3.73e-03

F028 3.57e-02

F034 6.28e-02

F063 5.91e-04

F116 1.24e-02

F118 1.07e-02

F120 1.78e-04

F121 1.53e-02

G006 1.25e-02

E069\_07 0.935 8.74e-01

E069\_06 0.523 2.74e-01

E069\_12 0.923 8.51e-01

E069\_17 0.639 4.09e-01

SS loadings: NA

Proportion Var: NA

Factor correlations:

F1

F1 1