> elSalvador3dfact1 <- fa(elSalvador3d,nfactors=1,rotate = "varimax")

> elSalvador3dfact1$loadings

Loadings:

MR1

B008

C001

E018 0.117

E034

E035

E036

E039

F028 0.461

F034 0.336

F063 -0.255

F116 0.214

F118 0.412

F120 0.466

F121 0.438

G006 0.285

MR1

SS loadings 1.124

Proportion Var 0.075

> elSalvador3dfact2 <- fa(elSalvador3d,nfactors=2,rotate = "varimax")

> elSalvador3dfact2$loadings

Loadings:

MR1 MR2

B008

C001 0.209

E018 0.118

E034

E035 0.115

E036

E039 -0.147

F028 0.583

F034 0.547 -0.262

F063 -0.324 0.107

F116 0.185

F118 0.272 0.504

F120 0.333 0.436

F121 0.321 0.359

G006 0.254

MR1 MR2

SS loadings 1.161 0.771

Proportion Var 0.077 0.051

Cumulative Var 0.077 0.129

> elSalvador3dfact3 <- fa(elSalvador3d,nfactors=3,rotate = "varimax")

> elSalvador3dfact3$loadings

Loadings:

MR1 MR2 MR3

B008 0.221

C001 -0.334

E018 0.100

E034 0.215

E035 -0.221

E036

E039 0.289

F028 0.169 0.649

F034 0.553 0.140

F063 -0.325

F116 0.206

F118 0.578 -0.117

F120 0.556

F121 0.417 0.150 -0.196

G006 0.237 0.141

MR1 MR2 MR3

SS loadings 0.987 0.901 0.446

Proportion Var 0.066 0.060 0.030

Cumulative Var 0.066 0.126 0.156

> elSalvador3dfact4 <- fa(elSalvador3d,nfactors=4,rotate = "varimax")

> elSalvador3dfact4$loadings

Loadings:

MR1 MR2 MR4 MR3

B008 0.175 -0.149

C001 0.123 0.336

E018 0.210

E034 -0.252

E035 0.339

E036 -0.121 0.150

E039 0.209 -0.193

F028 0.166 0.672

F034 0.541 0.121 -0.111

F063 -0.315 -0.159

F116 0.356

F118 0.531 0.204 0.101

F120 0.546 0.147

F121 0.507 0.171

G006 0.138 0.122 0.290

MR1 MR2 MR4 MR3

SS loadings 0.930 0.906 0.444 0.405

Proportion Var 0.062 0.060 0.030 0.027

Cumulative Var 0.062 0.122 0.152 0.179

#