Onda 3

> portorico3dfact1 <- fa(portorico3d,nfactors=1,rotate = "varimax")

> portorico3dfact1$loadings

Loadings:

MR1

B008

C001 0.129

C002

E018 0.212

E034

E035

E036

E039

F028 0.406

F034 0.317

F063 -0.292

F116 0.391

F118 0.556

F120 0.622

F121 0.561

G006 0.153

MR1

SS loadings 1.606

Proportion Var 0.100

> portorico3dfact2 <- fa(portorico3d,nfactors=2,rotate = "varimax")

> portorico3dfact2$loadings

Loadings:

MR1 MR2

B008

C001 0.157

C002

E018 0.152 0.143

E034

E035

E036

E039 -0.121

F028 0.138 0.516

F034 0.456

F063 -0.405

F116 0.328 0.204

F118 0.614 0.162

F120 0.555 0.289

F121 0.527 0.238

G006 0.205

MR1 MR2

SS loadings 1.165 0.918

Proportion Var 0.073 0.057

Cumulative Var 0.073 0.130

> portorico3dfact3 <- fa(portorico3d,nfactors=3,rotate = "varimax")

> portorico3dfact3$loadings

Loadings:

MR1 MR2 MR3

B008

C001 0.121 0.367

C002 0.200

E018 0.183 0.129 -0.101

E034 -0.102

E035 -0.102

E036 -0.163

E039 -0.116

F028 0.167 0.505

F034 0.454

F063 -0.404

F116 0.389 0.178 -0.164

F118 0.599 0.128 0.159

F120 0.578 0.254

F121 0.521 0.208 0.151

G006 0.203

MR1 MR2 MR3

SS loadings 1.225 0.849 0.314

Proportion Var 0.077 0.053 0.020

Cumulative Var 0.077 0.130 0.149

> portorico3dfact4 <- fa(portorico3d,nfactors=4,rotate = "varimax")

> portorico3dfact4$loadings

Loadings:

MR1 MR2 MR3 MR4

B008

C001 0.108 0.370

C002 0.199

E018 0.202

E034 -0.102

E035 -0.102

E036 -0.165

E039 0.170

F028 0.220 0.959 0.143

F034 0.189 0.204 0.247

F063 -0.157 -0.115 -0.438

F116 0.415 -0.151

F118 0.607 0.170

F120 0.633 0.179

F121 0.551 0.103 0.165

G006 0.264

MR1 MR2 MR3 MR4

SS loadings 1.427 0.999 0.421 0.325

Proportion Var 0.089 0.062 0.026 0.020

Cumulative Var 0.089 0.152 0.178 0.198

Onda 4

> portorico4dfact1 <- fa(portorico4d,nfactors=1,rotate = "varimax")

> portorico4dfact1$loadings

Loadings:

MR1

B008

C001

C002

E018 0.244

E034

E035

E036 -0.189

E039

F028 0.302

F034 0.173

F063 -0.194

F116 0.393

F118 0.674

F120 0.598

F121 0.673

G006 0.106

MR1

SS loadings 1.701

Proportion Var 0.106

> portorico4dfact2 <- fa(portorico4d,nfactors=2,rotate = "varimax")

> portorico4dfact2$loadings

Loadings:

MR1 MR2

B008

C001

C002

E018 0.217 0.109

E034 -0.168

E035

E036 -0.166

E039

F028 0.203 0.329

F034 0.552

F063 -0.391

F116 0.410

F118 0.703

F120 0.621

F121 0.614 0.245

G006 0.156

MR1 MR2

SS loadings 1.562 0.723

Proportion Var 0.098 0.045

Cumulative Var 0.098 0.143

> portorico4dfact3 <- fa(portorico4d,nfactors=3,rotate = "varimax")

> portorico4dfact3$loadings

Loadings:

MR1 MR2 MR3

B008 -0.153

C001

C002

E018 0.242 0.273

E034 -0.175

E035 -0.244

E036 -0.157 -0.137 0.228

E039 0.325

F028 0.219 0.308 0.250

F034 0.529

F063 -0.403

F116 0.413

F118 0.701

F120 0.619

F121 0.617 0.269 -0.124

G006 0.168

MR1 MR2 MR3

SS loadings 1.576 0.712 0.410

Proportion Var 0.099 0.045 0.026

Cumulative Var 0.099 0.143 0.169

> portorico4dfact4 <- fa(portorico4d,nfactors=4,rotate = "varimax")

> portorico4dfact4$loadings

Loadings:

MR1 MR2 MR3 MR4

B008 -0.160

C001 0.241

C002 0.344

E018 0.246 0.261

E034 -0.172

E035 -0.239

E036 -0.141 -0.145 0.236

E039 0.324

F028 0.234 0.293 0.248

F034 0.535 -0.131

F063 -0.409

F116 0.472 -0.172

F118 0.680 0.185

F120 0.605

F121 0.609 0.265 -0.136

G006 0.178

MR1 MR2 MR3 MR4

SS loadings 1.568 0.718 0.415 0.300

Proportion Var 0.098 0.045 0.026 0.019

Cumulative Var 0.098 0.143 0.169 0.188

Onda 7

> portorico7dfact1 <- fa(portorico7d,nfactors=1,rotate = "varimax")

> portorico7dfact1$loadings

Loadings:

MR1

B008 -0.106

C001

C002

E018 0.141

E034 -0.228

E035

E036

E039

F028 0.377

F034 0.419

F063 -0.456

F116 0.283

F118 0.532

F120 0.629

F121 0.457

F144\_02 0.394

G006 0.179

MR1

SS loadings 1.772

Proportion Var 0.104

> portorico7dfact2 <- fa(portorico7d,nfactors=2,rotate = "varimax")

> portorico7dfact2$loadings

Loadings:

MR1 MR2

B008 -0.129

C001 0.142

C002 0.164

E018 0.270

E034 -0.266

E035 -0.147

E036

E039 0.124 -0.162

F028 0.217 0.319

F034 0.418 0.159

F063 -0.607

F116 0.350

F118 0.223 0.588

F120 0.459 0.403

F121 0.118 0.618

F144\_02 0.267 0.280

G006 0.286

MR1 MR2

SS loadings 1.336 1.208

Proportion Var 0.079 0.071

Cumulative Var 0.079 0.150

> portorico7dfact3 <- fa(portorico7d,nfactors=3,rotate = "varimax")

> portorico7dfact3$loadings

Loadings:

MR2 MR3 MR1

B008 -0.150

C001 0.137

C002 0.156 -0.106

E018 0.288

E034 -0.270

E035 -0.199

E036

E039 -0.150 0.145

F028 0.217 0.476

F034 0.707 0.178

F063 -0.364 -0.459

F116 0.384

F118 0.581 0.213 0.130

F120 0.482 0.147 0.471

F121 0.577 0.219

F144\_02 0.278 0.166 0.211

G006 0.285

MR2 MR3 MR1

SS loadings 1.134 1.017 0.989

Proportion Var 0.067 0.060 0.058

Cumulative Var 0.067 0.127 0.185

> portorico7dfact4 <- fa(portorico7d,nfactors=4,rotate = "varimax")

> portorico7dfact4$loadings

Loadings:

MR1 MR2 MR4 MR3

B008 -0.145

C001 0.998

C002 0.239

E018 0.290

E034 -0.111 -0.261

E035 -0.193

E036

E039 -0.123 0.165

F028 0.258 0.449

F034 0.732 0.201

F063 -0.121 -0.341 -0.462

F116 0.130 0.382

F118 0.622 0.166

F120 0.557 0.101 0.390

F121 0.585 0.179

F144\_02 0.314 0.141 0.171

G006 0.280

MR1 MR2 MR4 MR3

SS loadings 1.294 1.067 0.954 0.896

Proportion Var 0.076 0.063 0.056 0.053

Cumulative Var 0.076 0.139 0.195 0.248