

Without the mxTryHard() function

> summary(gmm.3.means)

Summary of 2Class Means Growth Mixture Model

free parameters:

	name	matrix	row	col	Estimate	Std.Error	A lboun
d ubound							
1	p1	RProps	1	1	7.026980518	0.3940526191	! 0.00
2	theta	Class1.S	health_2	health_2	0.577232869	0.0041113625	
3	psi_11	Class1.S	eta_1	eta_1	0.117407926	0.0104396610	
4	psi_12	Class1.S	eta_1	eta_2	0.003354430	0.0018323283	
5	psi_22	Class1.S	eta_2	eta_2	0.001461036	0.0004047337	
6	alpha_1_c1	Class1.M	1	eta_1	4.060114064	0.0121715020	
7	alpha_2_c1	Class1.M	1	eta_2	-0.035093415	0.0027028918	
8	alpha_1_c2	Class2.M	1	eta_1	3.009800220	0.0725126104	
9	alpha_2_c2	Class2.M	1	eta_2	-0.080317520	0.0138285968	
10	alpha_1_c3	Class3.M	1	eta_1	2.462510809	0.0370537034	
11	alpha_2_c3	Class3.M	1	eta_2	0.179708941	0.0077677902	

confidence intervals:

	lboun	estimate	ubound	note
psi_11	NA	0.117407926	NA	!!!
psi_12	NA	0.003354430	0.003354430	!!!
psi_22	0.001461036	0.001461036	0.001788777	!!!
alpha_1_c2	NA	3.009800220	NA	!!!
alpha_2_c2	NA	-0.080317520	NA	!!!
theta	NA	0.577232869	NA	!!!
alpha_1_c1	4.035649754	4.060114064	NA	!!!
alpha_2_c1	NA	-0.035093415	NA	!!!
alpha_1_c3	2.396367160	2.462510809	NA	!!!
alpha_2_c3	NA	0.179708941	NA	!!!

To investigate missing CIs, run summary() again, with verbose=T, to see CI details.

Model Statistics:

	Parameters	Degrees of Freedom	Fit (-2lnL units)
Model:	11	56478	145424.4
Saturated:	NA	NA	NA
Independence:	NA	NA	NA

Number of observations/statistics: 10827/56489

Information Criteria:

	df	Penalty	Parameters	Penalty	Sample-Size	Adjusted
AIC:		32468.38		145446.4		145446.4
BIC:		-379244.84		145526.6		145491.6

CFI: NA

TLI: 1 (also known as NNFI)

RMSEA: 0 [95% CI (NA, NA)]

Prob(RMSEA <= 0.05): NA

To get additional fit indices, see help(mxRefModels)

timestamp: 2019-03-27 17:31:14

wall clock time: 311.3095 secs

optimizer: CSOLNP

OpenMx version number: 2.12.2

Need help? See help(mxSummary)

```
> summary(model)
```

```
Summary of 2Class Means Growth Mixture Model
```

```
free parameters:
```

	name	matrix	row	col	Estimate	Std.Error	A lboun
d ubound							
1	p1	RProps	1	1	7.026980518	0.3714248796	! 0.00
1							
2	theta	Class1.S	health_2	health_2	0.577232869	0.0041115085	
3	psi_11	Class1.S	eta_1	eta_1	0.117407926	0.0104237760	
4	psi_12	Class1.S	eta_1	eta_2	0.003354430	0.0018311738	
5	psi_22	Class1.S	eta_2	eta_2	0.001461036	0.0004030317	
6	alpha_1_c1	Class1.M	1	eta_1	4.060114064	0.0119810743	
7	alpha_2_c1	Class1.M	1	eta_2	-0.035093415	0.0026877729	
8	alpha_1_c2	Class2.M	1	eta_1	3.009800220	0.0697046544	
9	alpha_2_c2	Class2.M	1	eta_2	-0.080317520	0.0135229372	
10	alpha_1_c3	Class3.M	1	eta_1	2.462510809	0.0366816410	
11	alpha_2_c3	Class3.M	1	eta_2	0.179708941	0.0076815589	

```
Model Statistics:
```

	Parameters	Degrees of Freedom	Fit (-2lnL units)
Model:	11	56478	145424.4
Saturated:	NA	NA	NA
Independence:	NA	NA	NA

Number of observations/statistics: 10827/56489

```
Information Criteria:
```

	df	Penalty	Parameters	Penalty	Sample-Size	Adjusted
AIC:		32468.38		145446.4		145446.4
BIC:		-379244.84		145526.6		145491.6

```
CFI: NA
```

```
TLI: 1 (also known as NNFI)
```

```
RMSEA: 0 [95% CI (NA, NA)]
```

```
Prob(RMSEA <= 0.05): NA
```

```
To get additional fit indices, see help(mxRefModels)
```

```
timestamp: 2019-03-28 09:41:50
```

```
Wall clock time: 15.6752 secs
```

```
optimizer: CSOLNP
```

```
OpenMx version number: 2.12.2
```

```
Need help? See help(mxSummary)
```