NCoping和PCoping是分开做的， 对结果没有影响

TITLE: LPA for Parental Bonding & Trauma (3-Class)

DATA: FILE = "/Users/jeromechen/Desktop/Shanghai/Shanghai/analysis/datasetc1.csv";

VARIABLE:

NAMES =

Sex Age Fcare Fencour Fcontrol

Mcare Mencour Mcontrol Emoabus

Phyabus Sexabus Emoneg Phyneg PCoping NCoping

Care Encourage Control Abuse Neglect;

USEVARIABLES =

Fcare Fencour Fcontrol

Mcare Mencour Mcontrol Emoabus Phyabus

Sexabus Emoneg Phyneg;

MISSING = ALL (-999);

CLASSES = c(3);

AUXILIARY = NCoping (BCH);

ANALYSIS:

TYPE = MIXTURE;

STARTS = 1000 100;

LRTSTARTS = 500 100 500 100;

PROCESSORS = 4;

MODEL:

%c#1%

[Fcare] (fc1); [Fencour] (fe1); [Fcontrol] (fct1);

[Mcare] (mc1); [Mencour] (me1); [Mcontrol] (mct1);

[Emoabus] (ea1); [Phyabus] (pa1); [Sexabus] (sa1);

[Emoneg] (en1); [Phyneg] (pn1);

%c#2%

[Fcare] (fc2); [Fencour] (fe2); [Fcontrol] (fct2);

[Mcare] (mc2); [Mencour] (me2); [Mcontrol] (mct2);

[Emoabus] (ea2); [Phyabus] (pa2); [Sexabus] (sa2);

[Emoneg] (en2); [Phyneg] (pn2);

%c#3%

[Fcare] (fc3); [Fencour] (fe3); [Fcontrol] (fct3);

[Mcare] (mc3); [Mencour] (me3); [Mcontrol] (mct3);

[Emoabus] (ea3); [Phyabus] (pa3); [Sexabus] (sa3);

[Emoneg] (en3); [Phyneg] (pn3);

MODEL CONSTRAINT:

NEW(

fc\_12 fc\_13 fc\_23

fe\_12 fe\_13 fe\_23

fct\_12 fct\_13 fct\_23

mc\_12 mc\_13 mc\_23

me\_12 me\_13 me\_23

mct\_12 mct\_13 mct\_23

ea\_12 ea\_13 ea\_23

pa\_12 pa\_13 pa\_23

sa\_12 sa\_13 sa\_23

en\_12 en\_13 en\_23

pn\_12 pn\_13 pn\_23

);

fc\_12 = fc1 - fc2; fc\_13 = fc1 - fc3; fc\_23 = fc2 - fc3;

fe\_12 = fe1 - fe2; fe\_13 = fe1 - fe3; fe\_23 = fe2 - fe3;

fct\_12 = fct1 - fct2; fct\_13 = fct1 - fct3; fct\_23 = fct2 - fct3;

mc\_12 = mc1 - mc2; mc\_13 = mc1 - mc3; mc\_23 = mc2 - mc3;

me\_12 = me1 - me2; me\_13 = me1 - me3; me\_23 = me2 - me3;

mct\_12 = mct1 - mct2; mct\_13 = mct1 - mct3; mct\_23 = mct2 - mct3;

ea\_12 = ea1 - ea2; ea\_13 = ea1 - ea3; ea\_23 = ea2 - ea3;

pa\_12 = pa1 - pa2; pa\_13 = pa1 - pa3; pa\_23 = pa2 - pa3;

sa\_12 = sa1 - sa2; sa\_13 = sa1 - sa3; sa\_23 = sa2 - sa3;

en\_12 = en1 - en2; en\_13 = en1 - en3; en\_23 = en2 - en3;

pn\_12 = pn1 - pn2; pn\_13 = pn1 - pn3; pn\_23 = pn2 - pn3;

OUTPUT:

TECH1 TECH7 TECH11 TECH14 CINTERVAL;

SAVEDATA:

FILE = "3class\_output.dat";

TITLE: LPA for Parental Bonding & Trauma (3-Class)

DATA: FILE = "/Users/jeromechen/Desktop/Shanghai/Shanghai/analysis/datasetc1.csv";

VARIABLE:

NAMES =

Sex Age Fcare Fencour Fcontrol

Mcare Mencour Mcontrol Emoabus

Phyabus Sexabus Emoneg Phyneg PCoping NCoping

Care Encourage Control Abuse Neglect;

USEVARIABLES =

Fcare Fencour Fcontrol

Mcare Mencour Mcontrol Emoabus Phyabus

Sexabus Emoneg Phyneg;

MISSING = ALL (-999);

CLASSES = c(3);

AUXILIARY = PCoping (BCH);

ANALYSIS:

TYPE = MIXTURE;

STARTS = 1000 100;

LRTSTARTS = 500 100 500 100;

PROCESSORS = 4;

MODEL:

%c#1%

[Fcare] (fc1); [Fencour] (fe1); [Fcontrol] (fct1);

[Mcare] (mc1); [Mencour] (me1); [Mcontrol] (mct1);

[Emoabus] (ea1); [Phyabus] (pa1); [Sexabus] (sa1);

[Emoneg] (en1); [Phyneg] (pn1);

%c#2%

[Fcare] (fc2); [Fencour] (fe2); [Fcontrol] (fct2);

[Mcare] (mc2); [Mencour] (me2); [Mcontrol] (mct2);

[Emoabus] (ea2); [Phyabus] (pa2); [Sexabus] (sa2);

[Emoneg] (en2); [Phyneg] (pn2);

%c#3%

[Fcare] (fc3); [Fencour] (fe3); [Fcontrol] (fct3);

[Mcare] (mc3); [Mencour] (me3); [Mcontrol] (mct3);

[Emoabus] (ea3); [Phyabus] (pa3); [Sexabus] (sa3);

[Emoneg] (en3); [Phyneg] (pn3);

MODEL CONSTRAINT:

NEW(

fc\_12 fc\_13 fc\_23

fe\_12 fe\_13 fe\_23

fct\_12 fct\_13 fct\_23

mc\_12 mc\_13 mc\_23

me\_12 me\_13 me\_23

mct\_12 mct\_13 mct\_23

ea\_12 ea\_13 ea\_23

pa\_12 pa\_13 pa\_23

sa\_12 sa\_13 sa\_23

en\_12 en\_13 en\_23

pn\_12 pn\_13 pn\_23

);

fc\_12 = fc1 - fc2; fc\_13 = fc1 - fc3; fc\_23 = fc2 - fc3;

fe\_12 = fe1 - fe2; fe\_13 = fe1 - fe3; fe\_23 = fe2 - fe3;

fct\_12 = fct1 - fct2; fct\_13 = fct1 - fct3; fct\_23 = fct2 - fct3;

mc\_12 = mc1 - mc2; mc\_13 = mc1 - mc3; mc\_23 = mc2 - mc3;

me\_12 = me1 - me2; me\_13 = me1 - me3; me\_23 = me2 - me3;

mct\_12 = mct1 - mct2; mct\_13 = mct1 - mct3; mct\_23 = mct2 - mct3;

ea\_12 = ea1 - ea2; ea\_13 = ea1 - ea3; ea\_23 = ea2 - ea3;

pa\_12 = pa1 - pa2; pa\_13 = pa1 - pa3; pa\_23 = pa2 - pa3;

sa\_12 = sa1 - sa2; sa\_13 = sa1 - sa3; sa\_23 = sa2 - sa3;

en\_12 = en1 - en2; en\_13 = en1 - en3; en\_23 = en2 - en3;

pn\_12 = pn1 - pn2; pn\_13 = pn1 - pn3; pn\_23 = pn2 - pn3;

OUTPUT:

TECH1 TECH7 TECH11 TECH14 CINTERVAL;

SAVEDATA:

FILE = "3class\_output.dat";

1 = Male

2 = Female

1 = Single

2 = Married

3 = Divorced

4 = Other

5 = Separated

1 = High school

2 = Community college

3 = Bachelor

4 = Master

1 = Student

2 = Clerk

3 = Farmer

4 = Labour

5 = Retired

6 = Unemployed

1 = 0-3 month

2 = 3-6 month

3 = 6 month – 1 year

4 = 1 – 2 year

5 = Over 2 years