反应时

Mixed Model Anova Table (Type 3 tests, LRT-method)

Model: RT ~ 1 + type \* consistency2 + (1 | subid)

Data: data\_df

Df full model: 8

Effect df Chisq p.value

1 type 1 0.00 .959

2 consistency2 2 29.72 \*\*\* <.001

3 type:consistency2 2 12.23 \*\* .002

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘+’ 0.1 ‘ ’

Consis主效应

consistency2 emmean SE df asymp.LCL asymp.UCL

c 610 21.5 Inf 568 652

i1 622 22.0 Inf 579 666

i2 652 22.0 Inf 609 695

contrast estimate SE df z.ratio p.value

c - i1 -12.4 7.69 Inf -1.609 0.1075

c - i2 -41.7 7.65 Inf -5.458 <.0001

i1 - i2 -29.4 8.88 Inf -3.309 0.0019

type简单效应

consistency2 = c:

type emmean SE df asymp.LCL asymp.UCL

fan 619 22.0 Inf 576 662

person 601 22.0 Inf 558 644

consistency2 = i1:

type emmean SE df asymp.LCL asymp.UCL

fan 606 22.8 Inf 561 651

person 639 22.9 Inf 594 684

consistency2 = i2:

type emmean SE df asymp.LCL asymp.UCL

fan 660 22.8 Inf 615 705

person 644 22.8 Inf 599 689

Degrees-of-freedom method: asymptotic

Confidence level used: 0.95

contrast consistency2 estimate SE df z.ratio p.value

fan - person c 18.1 8.81 Inf 2.057 0.0795

fan - person i1 -33.3 12.61 Inf -2.640 0.0249

fan - person i2 16.2 12.50 Inf 1.295 0.1952

consis简单效应

Degrees-of-freedom method: asymptotic

P value adjustment: holm method for 3 tests

type = fan:

consistency2 emmean SE df asymp.LCL asymp.UCL

c 619 22.0 Inf 576 662

i1 606 22.8 Inf 561 651

i2 660 22.8 Inf 615 705

type = person:

consistency2 emmean SE df asymp.LCL asymp.UCL

c 601 22.0 Inf 558 644

i1 639 22.9 Inf 594 684

i2 644 22.8 Inf 599 689

Degrees-of-freedom method: asymptotic

Confidence level used: 0.95

contrast type estimate SE df z.ratio p.value

c - i1 fan 13.32 10.8 Inf 1.233 0.4348

c - i2 fan -40.78 10.8 Inf -3.771 0.0006

i1 - i2 fan -54.11 12.5 Inf -4.338 0.0001

c - i1 person -38.07 10.9 Inf -3.478 0.0015

c - i2 person -42.71 10.8 Inf -3.949 0.0004

i1 - i2 person -4.64 12.6 Inf -0.367 0.7136

Degrees-of-freedom method: asymptotic

P value adjustment: holm method for 6 tests

注视时间

HeadAll

Mixed Model Anova Table (Type 3 tests, LRT-method)

Model: headAll ~ 1 + type \* consistency2 + (1 | subid)

Data: data\_df

Df full model: 8

Effect df Chisq p.value

1 type 1 0.01 .919

2 consistency2 2 2.88 .237

3 type:consistency2 2 2.49 .288

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘+’ 0.1 ‘ ’ 1

PorFAll

Mixed Model Anova Table (Type 3 tests, LRT-method)

Model: PorFAll ~ 1 + type \* consistency2 + (1 | subid)

Data: data\_df

Df full model: 8

Effect df Chisq p.value

1 type 1 0.02 .900

2 consistency2 2 4.16 .125

3 type:consistency2 2 2.25 .325

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘+’ 0.1 ‘ ’ 1

atAll

Mixed Model Anova Table (Type 3 tests, LRT-method)

Model: atAll ~ 1 + type \* consistency2 + (1 | subid)

Data: data\_df

Df full model: 8

Effect df Chisq p.value

1 type 1 0.57 .452

2 consistency2 2 11.38 \*\* .003

3 type:consistency2 2 3.34 .189

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘+’ 0.1 ‘ ’ 1

consistency2 emmean SE df lower.CL upper.CL

c 259 14.2 29.7 230 288

i1 319 24.9 249.7 270 368

i2 242 16.5 54.1 209 275

Results are averaged over the levels of: type

Degrees-of-freedom method: kenward-roger

Confidence level used: 0.95

contrast estimate SE df t.ratio p.value

c - i1 -60.4 21.4 1219 -2.823 0.0097

c - i2 16.8 10.5 1219 1.596 0.1107

i1 - i2 77.2 23.0 1219 3.360 0.0024

againstAll

Mixed Model Anova Table (Type 3 tests, LRT-method)

Model: againstAll ~ 1 + type \* consistency2 + (1 | subid)

Data: data\_df

Df full model: 8

Effect df Chisq p.value

1 type 1 0.41 .522

2 consistency2 2 5.39 + .068

3 type:consistency2 2 3.66 .160

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘+’ 0.1 ‘ ’ 1

注视次数

Head

Model: headNum ~ 1 + type \* consistency2 + (1 + re\_c | subid)

Data: data\_df

Df full model: 9

Effect df Chisq p.value

1 type 1 2.65 .103

2 consistency2 2 24.70 \*\*\* <.001

3 type:consistency2 2 1.22 .544

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘+’ 0.1 ‘ ’ 1

consistency2 emmean SE df asymp.LCL asymp.UCL

c -0.4346 0.1215 Inf -0.673 -0.196

i1 -0.3741 0.1006 Inf -0.571 -0.177

i2 -0.0106 0.0818 Inf -0.171 0.150

Results are averaged over the levels of: type

Results are given on the log (not the response) scale.

Confidence level used: 0.95

contrast estimate SE df z.ratio p.value

c - i1 -0.0606 0.0661 Inf -0.916 0.3594

c - i2 -0.4240 0.0884 Inf -4.795 <.0001

i1 - i2 -0.3635 0.0685 Inf -5.302 <.0001

porf

Model: PorFNum ~ 1 + type \* consistency2 + (1 + re\_c | subid)

Data: data\_df

Df full model: 9

Effect df Chisq p.value

1 type 1 4.68 \* .030

2 consistency2 2 30.07 \*\*\* <.001

3 type:consistency2 2 0.85 .653

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘+’ 0.1 ‘ ’ 1

consistency2 emmean SE df asymp.LCL asymp.UCL

c -0.3749 0.1066 Inf -0.5837 -0.166

i1 -0.3131 0.0843 Inf -0.4784 -0.148

i2 0.0722 0.0583 Inf -0.0421 0.187

Results are averaged over the levels of: type

Results are given on the log (not the response) scale.

Confidence level used: 0.95

contrast estimate SE df z.ratio p.value

c - i1 -0.0618 0.0629 Inf -0.982 0.3259

c - i2 -0.4471 0.0799 Inf -5.595 <.0001

i1 - i2 -0.3854 0.0650 Inf -5.925 <.0001

at

Model: atNum ~ 1 + type \* consistency2 + (1 + re\_i1 | subid)

Data: data\_df

Df full model: 9

Effect df Chisq p.value

1 type 1 1.37 .241

2 consistency2 2 590.09 \*\*\* <.001

3 type:consistency2 2 2.26 .322

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘+’ 0.1 ‘ ’ 1

consistency2 emmean SE df asymp.LCL asymp.UCL

c -0.293 0.0955 Inf -0.48 -0.105

i1 -2.659 0.1623 Inf -2.98 -2.340

i2 -1.135 0.1398 Inf -1.41 -0.861

Results are averaged over the levels of: type

Results are given on the log (not the response) scale.

Confidence level used: 0.95

contrast estimate SE df z.ratio p.value

c - i1 2.366 0.1551 Inf 15.255 <.0001

c - i2 0.842 0.0847 Inf 9.942 <.0001

i1 - i2 -1.524 0.1844 Inf -8.264 <.0001

against

Model: againstNum ~ 1 + type \* consistency2 + (1 | subid)

Data: data\_df

Df full model: 7

Effect df Chisq p.value

1 type 1 0.22 .637

2 consistency2 2 752.80 \*\*\* <.001

3 type:consistency2 2 3.99 .136

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘+’ 0.1 ‘ ’ 1

consistency2 emmean SE df asymp.LCL asymp.UCL

c -2.591 0.138 Inf -2.861 -2.321

i1 -0.269 0.110 Inf -0.484 -0.054

i2 -1.058 0.118 Inf -1.290 -0.826

Results are averaged over the levels of: type

Results are given on the log (not the response) scale.

Confidence level used: 0.95

contrast estimate SE df z.ratio p.value

c - i1 -2.322 0.1017 Inf -22.831 <.0001

c - i2 -1.534 0.1111 Inf -13.797 <.0001

i1 - i2 0.789 0.0738 Inf 10.691 <.0001