> x <- aov(phi~group\*cond, data=results)

> summary(x)

Df Sum Sq Mean Sq F value Pr(>F)

group 1 5.870 5.870 82.109 < 2e-16 \*\*\*

cond 2 1.374 0.687 9.613 0.000101 \*\*\*

group:cond 2 0.995 0.498 6.962 0.001179 \*\*

Residuals 212 15.155 0.071

---

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

>

> x <- aov(beta~group\*cond, data=results)

> summary(x)

Df Sum Sq Mean Sq F value Pr(>F)

group 1 31565 31565 0.141 0.708

cond 2 703827 351913 1.568 0.211

group:cond 2 168483 84242 0.375 0.688

Residuals 212 47589326 224478

>

ADULTS PHI

> x <- aov(phi~cond, data=results)

> summary(x)

Df Sum Sq Mean Sq F value Pr(>F)

cond 2 0.0281 0.01405 1.619 0.203

Residuals 105 0.9114 0.00868

>

CHILDREN PHI

> x <- aov(phi~cond, data=results)

> summary(x)

Df Sum Sq Mean Sq F value Pr(>F)

cond 2 2.342 1.1708 8.795 0.000291 \*\*\*

Residuals 107 14.243 0.1331

CHILDREN PHI T-TEST

> t.test(congruent.data$ebm\_weight , competition.data$ebm\_weight, var.equal=T)

Two Sample t-test

data: congruent.data$ebm\_weight and competition.data$ebm\_weight

t = -1.559, df = 72, p-value = 0.1234

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-0.29368806 0.03591854

sample estimates:

mean of x mean of y

0.2196993 0.3485841

>

> t.test(baseline.data$ebm\_weight, congruent.data$ebm\_weight , var.equal=T)

Two Sample t-test

data: baseline.data$ebm\_weight and congruent.data$ebm\_weight

t = 4.3599, df = 71, p-value = 4.315e-05

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

0.1922481 0.5162832

sample estimates:

mean of x mean of y

0.5739650 0.2196993

> t.test(baseline.data$ebm\_weight, competition.data$ebm\_weight, var.equal=T)

Two Sample t-test

data: baseline.data$ebm\_weight and competition.data$ebm\_weight

t = 2.4651, df = 71, p-value = 0.01612

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

0.04307582 0.40768595

sample estimates:

mean of x mean of y

0.5739650 0.3485841

>

ADULT T.TESTS (don’t need these)