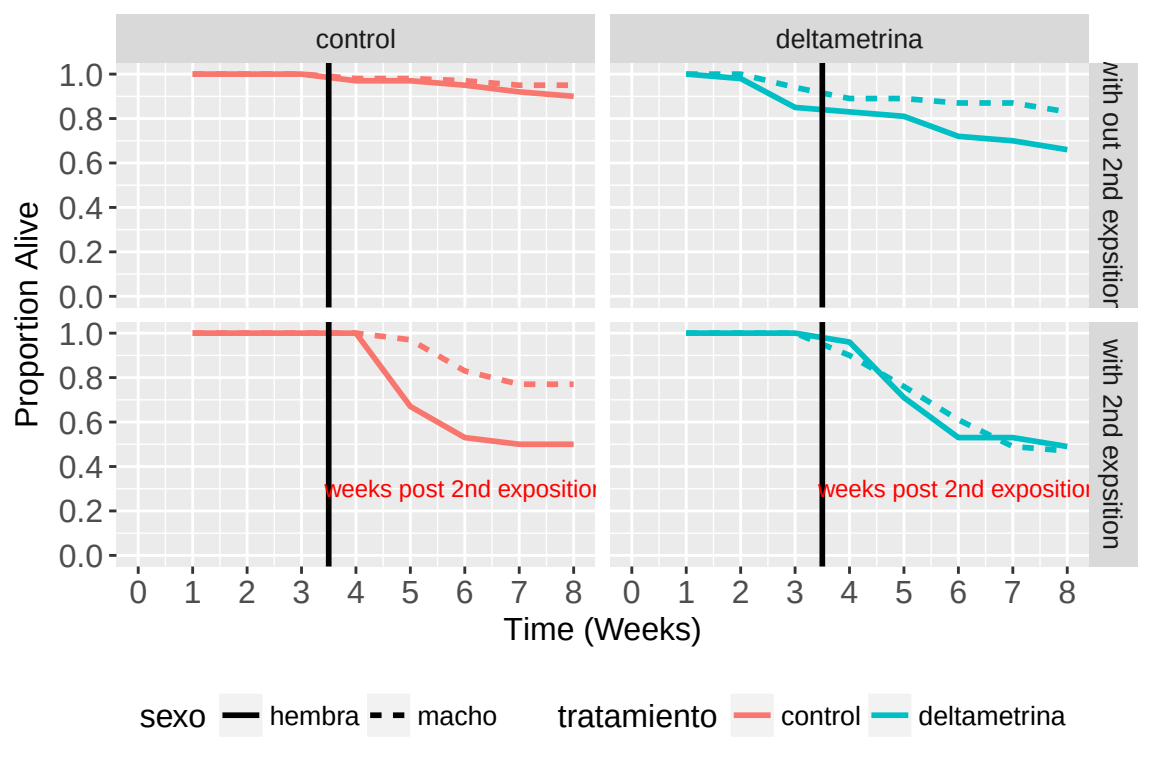
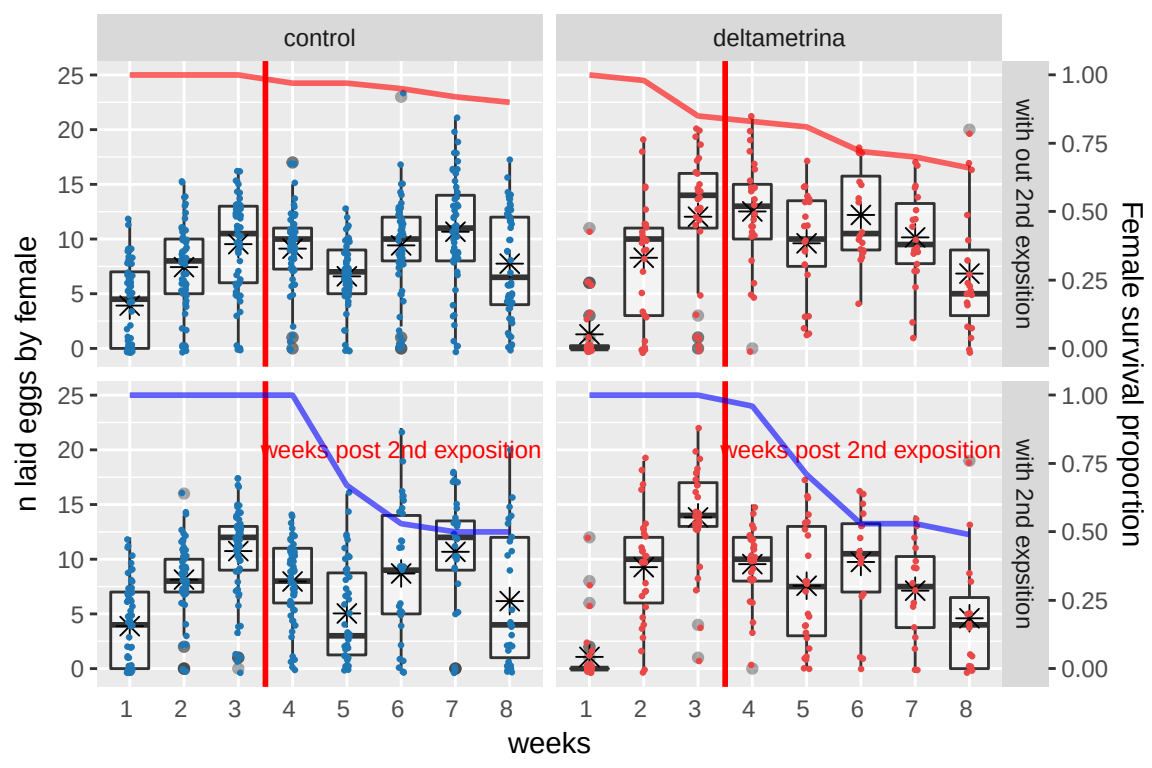
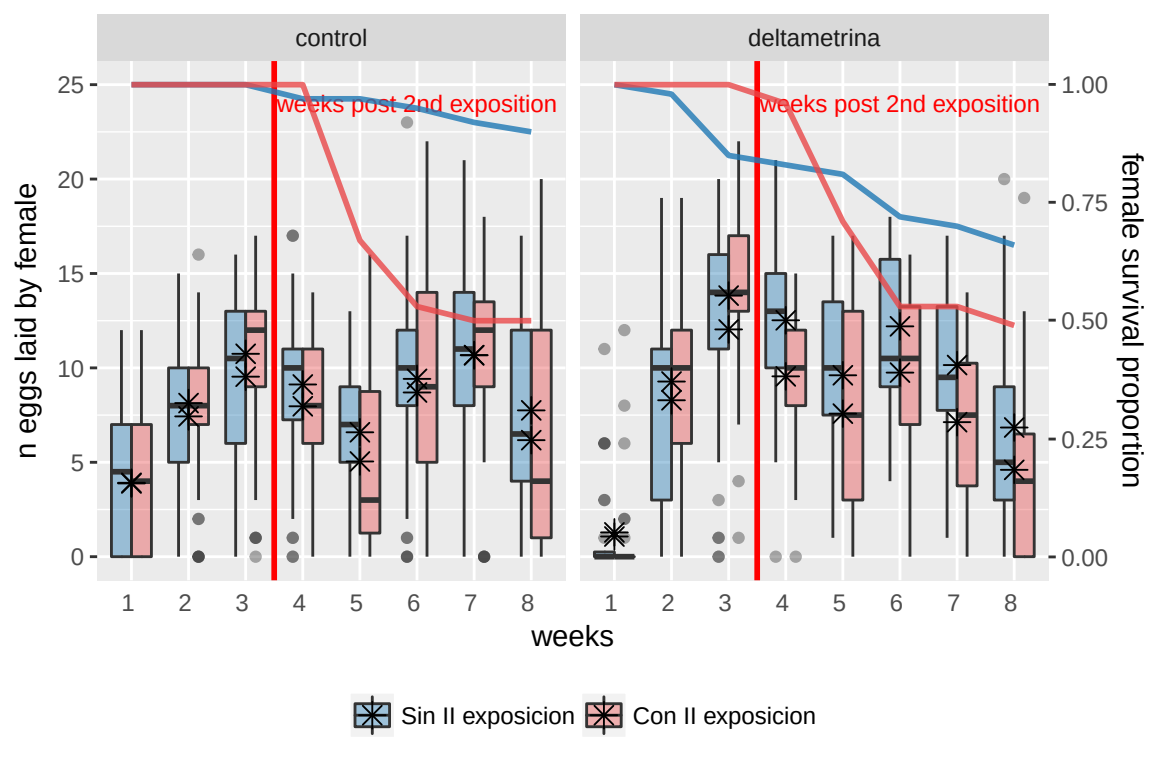
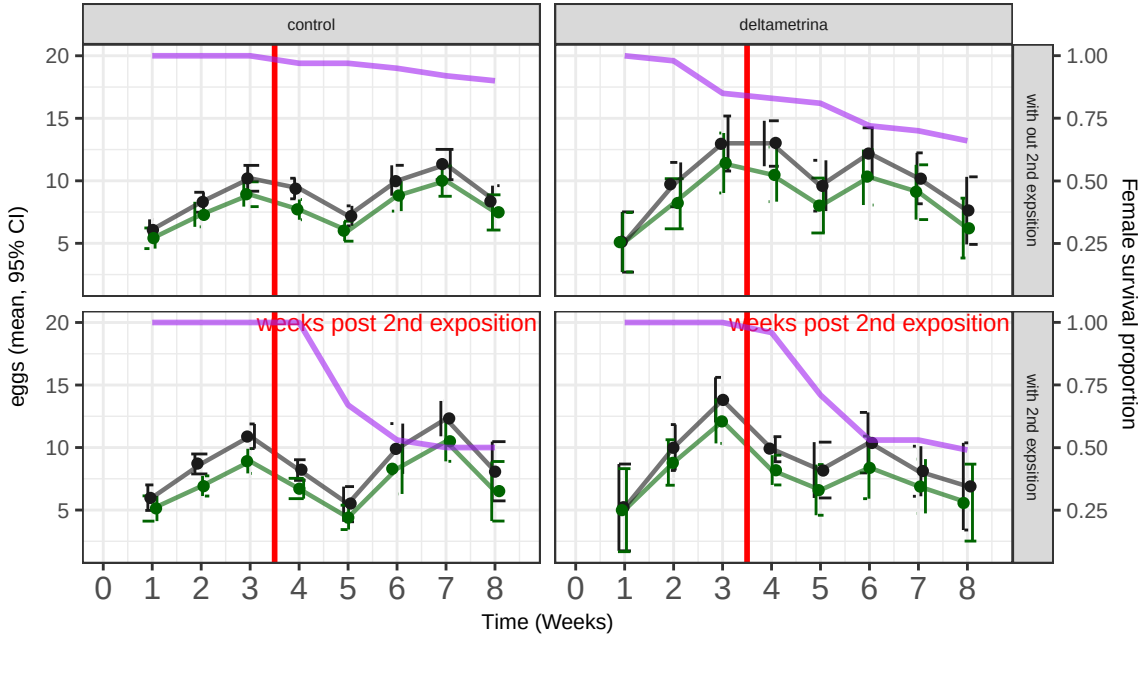
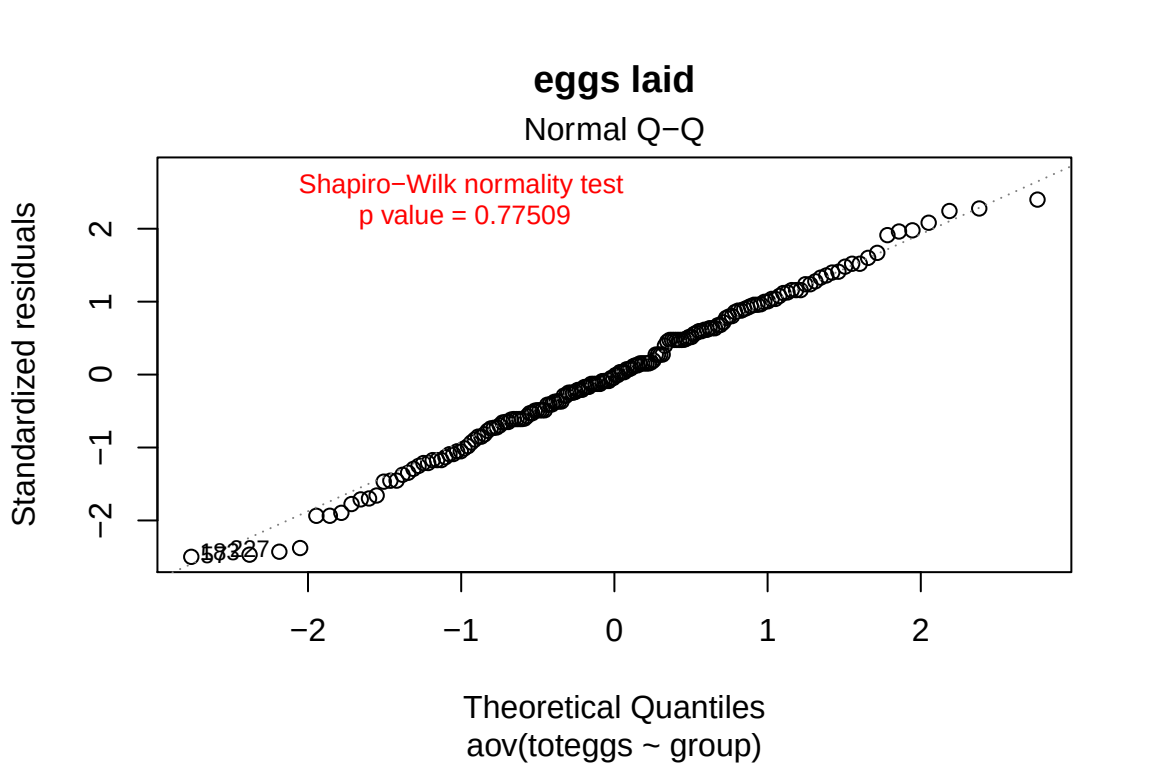

control
deltametrina
with out 2nd expsition
with 2nd expsition
Proportion Alive
1.0
0.8
0.6
0.4
0.2
0.0
weeks post 2nd exposition
weeks post 2nd exposition
0 1 2 3 4 5 6 7 8
Time (Weeks)
sexo
hembra
macho
tratamiento
control
deltametrina


control
deltametrina
with out 2nd expsition
with 2nd expsition
weeks post 2nd exposition
weeks post 2nd exposition
n laid eggs by female
Female survival proportion
weeks
0
5
10
15
20
25
0.00
0.25
0.50
0.75
1.00
1
2
3
4
5
6
7
8


control
deltametrina
weeks post 2nd exposition
weeks post 2nd exposition
n eggs laid by female
female survival proportion
weeks
Sin II exposicion
Con II exposicion


control
deltametrina
with out 2nd expsition
with 2nd expsition
weeks post 2nd exposition
weeks post 2nd exposition
eggs (mean, 95% CI)
Female survival proportion
Time (Weeks)
0
1
2
3
4
5
6
7
8
5
10
15
20
0.25
0.50
0.75
1.00
Legend:
hatch
laid
survival (F)

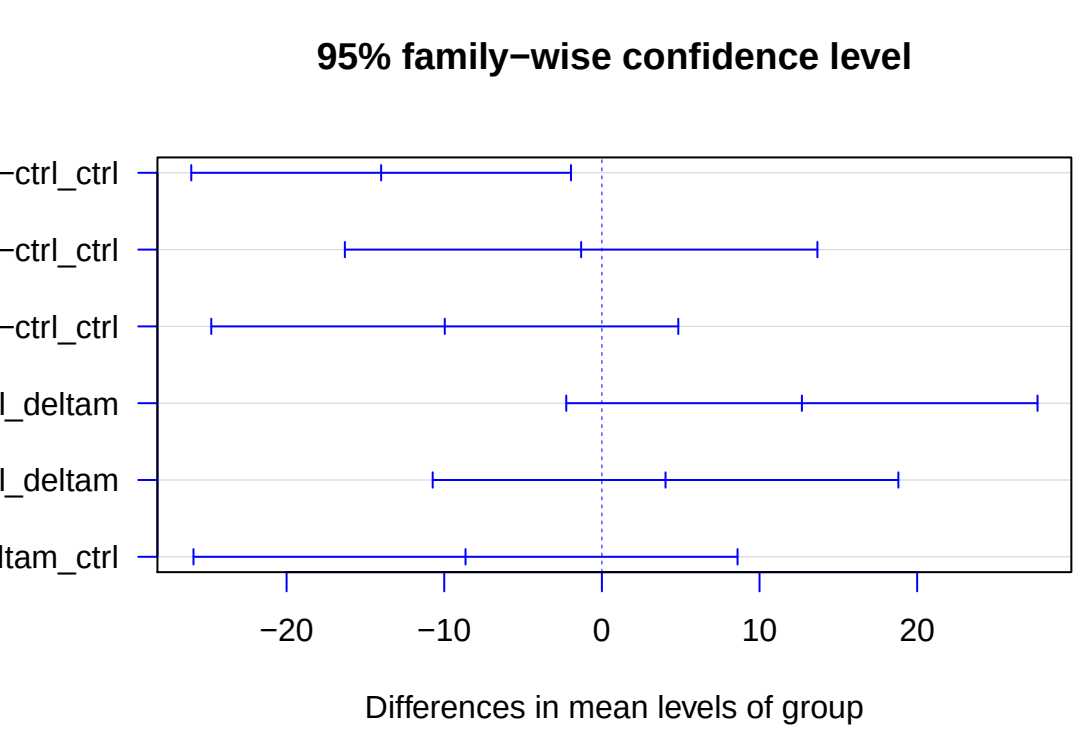

eggs laid
Normal Q−Q
Shapiro−Wilk normality test
p value = 0.77509
Standardized residuals
Theoretical Quantiles
aov(toteggs ~ group)

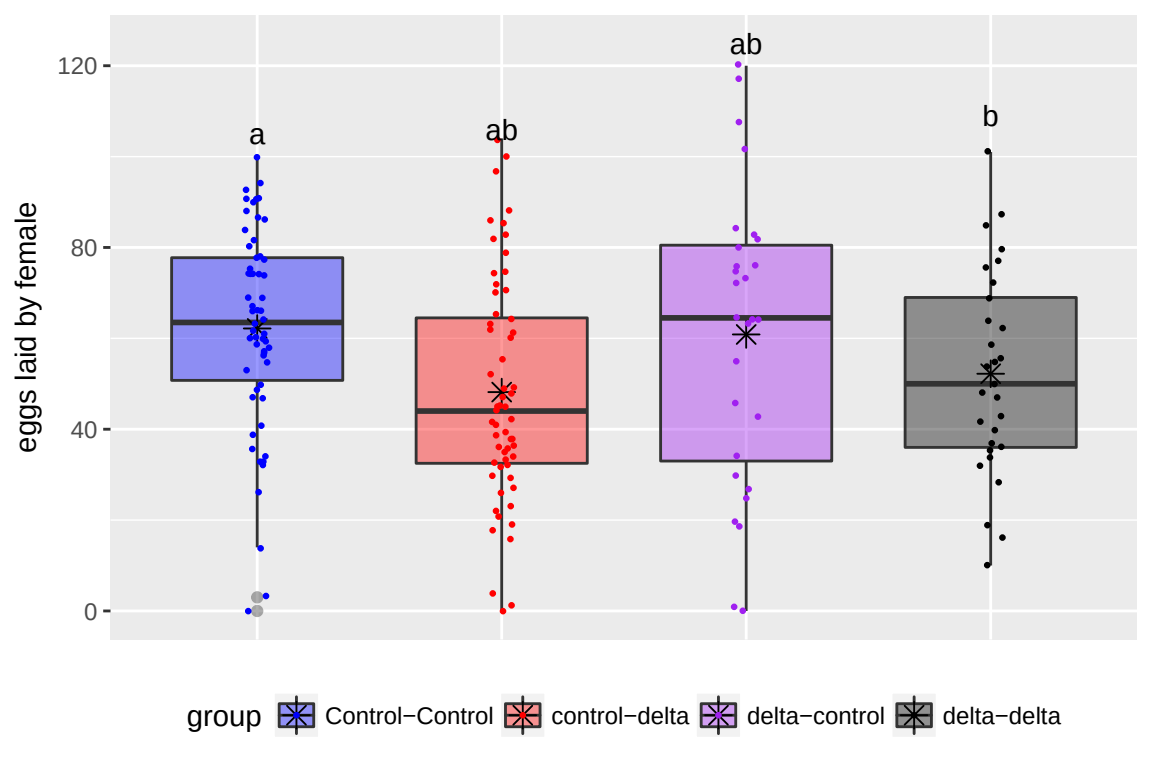
ANOVA to total eggs laid by group

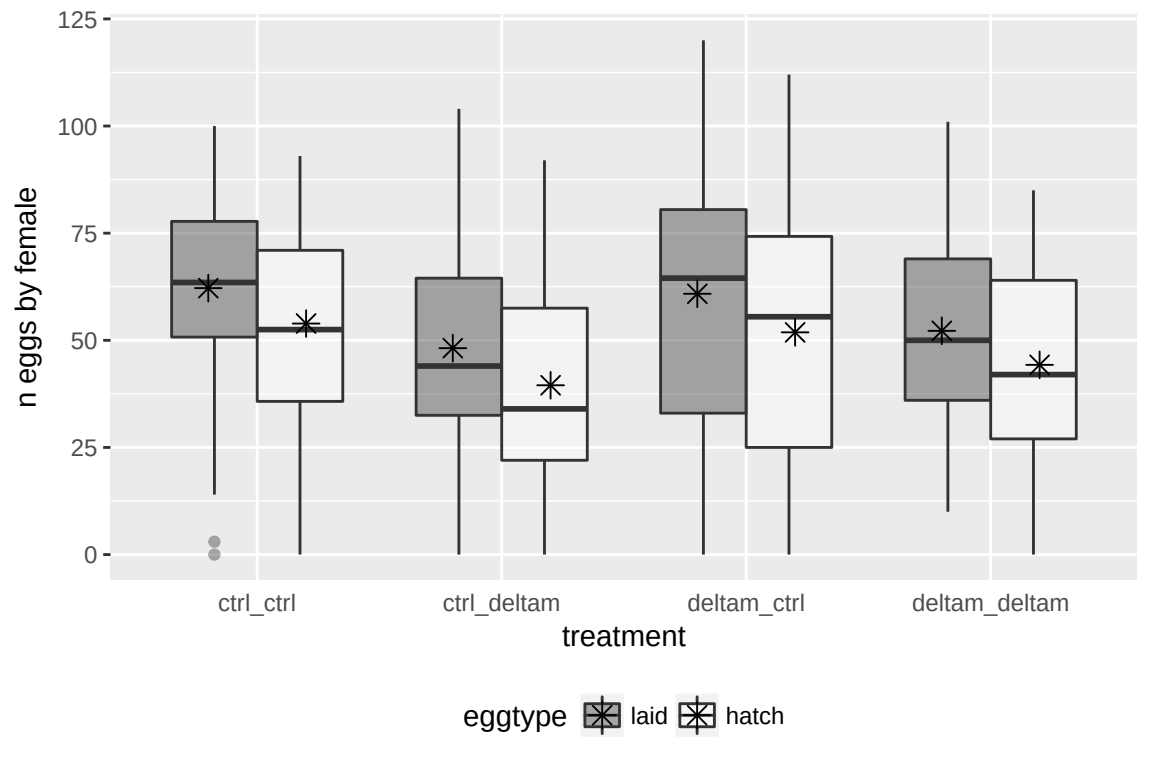
ANOVA	Df	Sum.Sq	Mean.Sq	F.value	Pr..F.
group	3	6870.266	2290.089	3.634	0.014
Residuals	170	107120.768	630.122	NA	NA

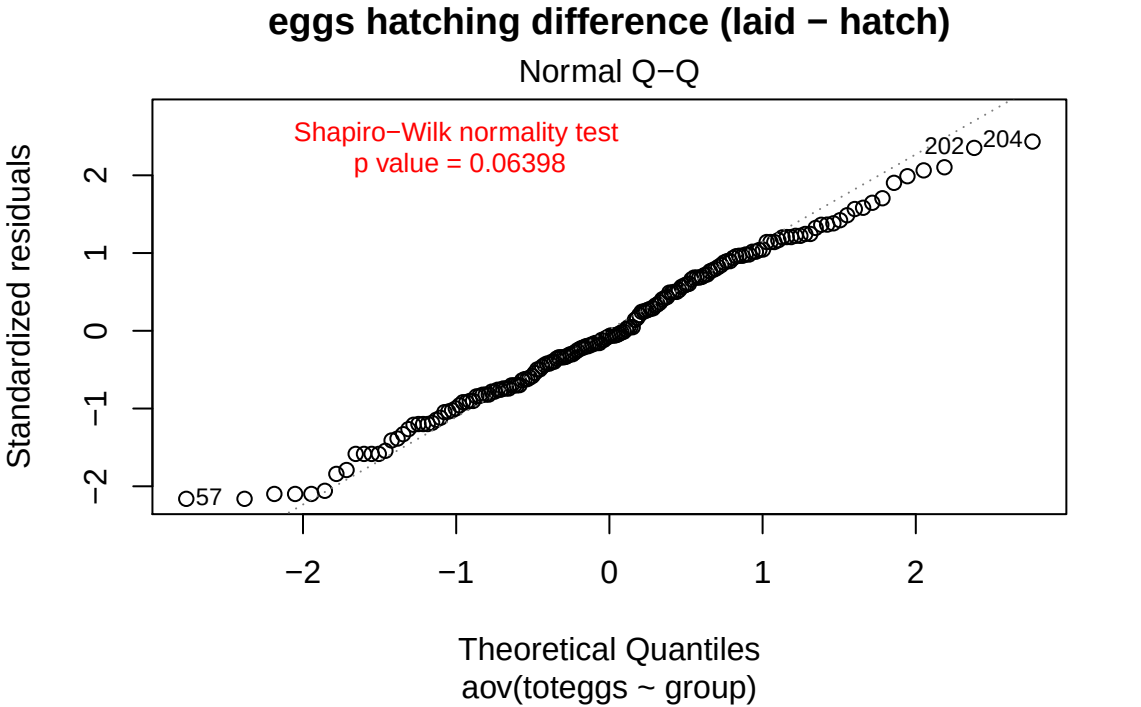
Tukey test outcome to eggs laid

groups	toteggs	groups.1
ctrl_ctrl	62.17241	a
deltam_ctrl	60.85714	ab
deltam_deltam	52.20690	ab
ctrl_deltam	48.16949	b


95% family−wise confidence level
−ctrl_ctrl
−ctrl_ctrl
−ctrl_ctrl
l_deltam
l_deltam
ltam_ctrl
−20
−10
0
10
20
Differences in mean levels of group


eggs laid by female
120
80
40
0
a
ab
ab
b
group
Control−Control
control−delta
delta−control
delta−delta


125
100
75
50
25
0
n eggs by female
ctrl_ctrl
ctrl_deltam
deltam_ctrl
deltam_deltam
treatment
eggtype
laid
hatch

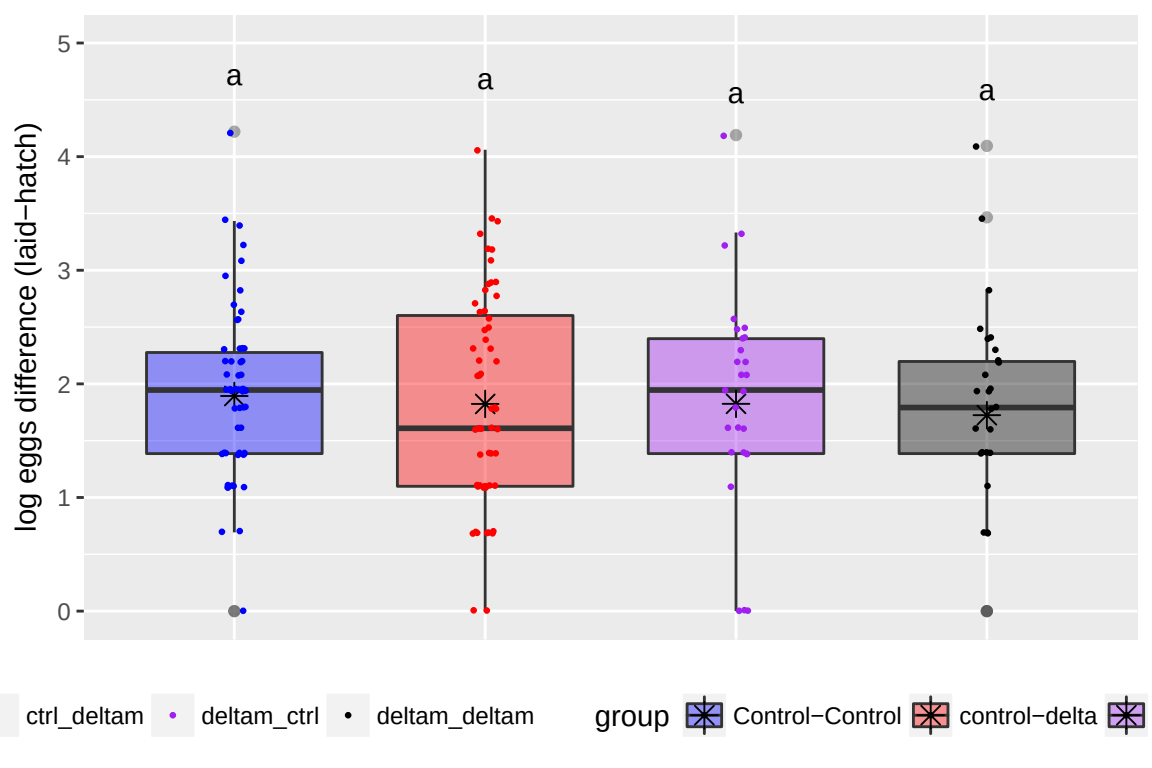

eggs hatching difference (laid − hatch)
Normal Q−Q
Shapiro−Wilk normality test
p value = 0.06398
202
204
57
Standardized residuals
−2
−1
0
1
2
Theoretical Quantiles
aov(toteggs ~ group)

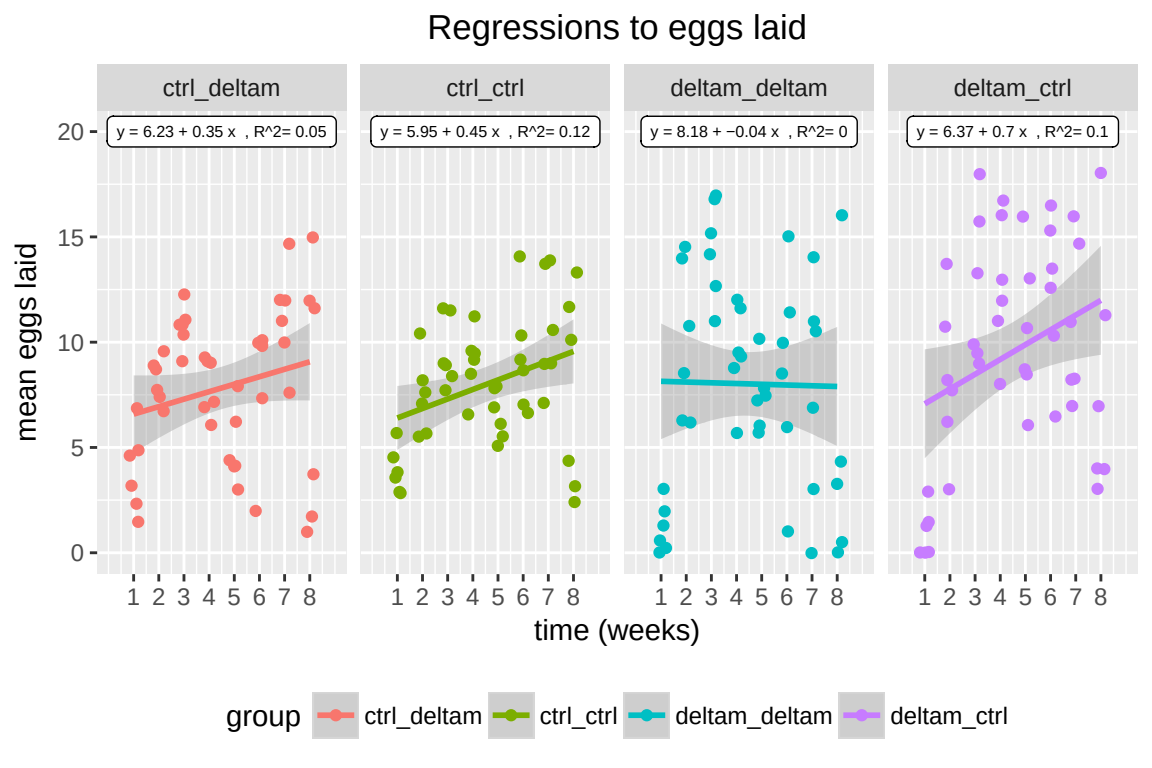
ANOVA to total hatching eggs

ANOVA	Df	Sum.Sq	Mean.Sq	F.value	Pr..F.
group	3	0.559	0.186	0.224	0.88
Residuals	170	141.408	0.832	NA	NA

Tukey test outcome to hatching difference (laid − hatch)

groups	logdif	groups.1
ctrl_ctrl	1.893357	a
deltam_ctrl	1.824389	a
ctrl_deltam	1.823533	a
deltam_deltam	1.724519	a


log eggs difference (laid−hatch)
5
4
3
2
1
0
a
a
a
a
ctrl_deltam
deltam_ctrl
deltam_deltam
group
Control−Control
control−delta


Regressions to eggs laid
ctrl_deltam
ctrl_ctrl
deltam_deltam
deltam_ctrl
y = 6.23 + 0.35 x , R^2= 0.05
y = 5.95 + 0.45 x , R^2= 0.12
y = 8.18 + −0.04 x , R^2= 0
y = 6.37 + 0.7 x , R^2= 0.1
mean eggs laid
0
5
10
15
20
1 2 3 4 5 6 7 8
time (weeks)
group
ctrl_deltam
ctrl_ctrl
deltam_deltam
deltam_ctrl