

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

Annex 2 - Statistical model tables for genes of interest

anova(mode1NAK1a1)

	Sum Sq <dbl>	Mean Sq <dbl>	Nu... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.0009091088	0.0009091088	1	10.47297	0.5909937	4.590205e-01
Scondition	0.1220468379	0.0610234189	2	10.87564	39.6701184	1.008270e-05
Day	0.3048327704	0.1524163852	2	114.17806	99.0828793	1.120018e-25
Sgroup:Scondition	0.0005426727	0.0002713363	2	10.87564	0.1763904	8.406415e-01
Sgroup:Day	0.0009825566	0.0004912783	2	114.17806	0.3193703	7.272534e-01
Scondition:Day	0.1190111497	0.0396703832	3	114.17806	25.7889320	8.220829e-13
Sgroup:Scondition:Day	0.0013336443	0.0004445481	3	114.17806	0.2889919	8.332708e-01

7 rows

Observations	144
Dependent variable	NAK1a1
Type	Mixed effects linear regression

AIC	-379.27
BIC	-322.84
Pseudo-R ² (fixed effects)	0.77
Pseudo-R ² (total)	0.82

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.09	0.02	5.39	24.08	0.00
SgroupSW	0.02	0.02	0.72	24.08	0.48
Scondition10	0.03	0.02	1.05	24.08	0.30
Scondition20	0.05	0.02	1.95	24.08	0.06
DayD10	0.04	0.02	2.01	114.18	0.05
DayD42	-0.05	0.02	-2.57	114.18	0.01
SgroupSW:Scondition10	-0.02	0.03	-0.59	24.08	0.56
SgroupSW:Scondition20	0.00	0.03	0.09	24.08	0.93
SgroupSW:DayD10	-0.00	0.03	-0.07	114.18	0.95
SgroupSW:DayD42	-0.01	0.03	-0.23	114.18	0.82
Scondition10:DayD10	0.01	0.03	0.45	114.18	0.65
Scondition20:DayD10	0.15	0.03	5.91	114.18	0.00
Scondition10:DayD42	0.00	0.03	0.13	114.18	0.90
SgroupSW:Scondition10:DayD10	-0.01	0.04	-0.15	114.18	0.88
SgroupSW:Scondition20:DayD10	-0.02	0.04	-0.53	114.18	0.60
SgroupSW:Scondition10:DayD42	0.02	0.04	0.58	114.18	0.56

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.02
Residual		0.04

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(mode1NAKb2)

	Sum Sq <dbl>	Mean Sq <dbl>	Nu... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	6.187448e-05	6.187448e-05	1	13.30651	0.7327440	4.071459e-01
Scondition	7.977286e-04	3.988643e-04	2	14.12255	4.7235212	2.687183e-02
Day	1.740931e-02	8.704656e-03	2	116.59533	103.0842593	1.661711e-26
Sgroup:Scondition	1.452119e-04	7.260595e-05	2	14.12255	0.8598306	4.442459e-01
Sgroup:Day	3.076637e-04	1.538318e-04	2	116.59533	1.8217422	1.663173e-01
Scondition:Day	2.106373e-03	7.021245e-04	3	116.59533	8.3148577	4.664304e-05
Sgroup:Scondition:Day	8.221576e-05	2.740525e-05	3	116.59533	0.3245447	8.076077e-01

7 rows

Observations	144
Dependent variable	NAKb2
Type	Mixed effects linear regression

AIC	-762.57
BIC	-706.14
Pseudo-R ² (fixed effects)	0.62
Pseudo-R ² (total)	0.63

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.05	0.00	16.07	60.95	0.00
SgroupSW	0.01	0.00	1.92	60.95	0.06
Scondition10	-0.01	0.00	-1.43	60.95	0.16
Scondition20	-0.00	0.00	-0.74	60.95	0.46
DayD10	0.00	0.00	0.38	116.60	0.71
DayD42	-0.03	0.00	-7.67	116.60	0.00
SgroupSW:Scondition10	-0.01	0.01	-0.91	60.95	0.37
SgroupSW:Scondition20	-0.00	0.01	-0.72	60.95	0.47
SgroupSW:DayD10	-0.01	0.01	-1.47	116.60	0.14
SgroupSW:DayD42	-0.00	0.01	-0.60	116.60	0.55
Scondition10:DayD10	0.01	0.01	1.01	116.60	0.31
Scondition20:DayD10	-0.01	0.01	-1.03	116.60	0.30
Scondition10:DayD42	0.02	0.01	3.12	116.60	0.00
SgroupSW:Scondition10:DayD10	0.01	0.01	0.69	116.60	0.49
SgroupSW:Scondition20:DayD10	0.00	0.01	0.16	116.60	0.88
SgroupSW:Scondition10:DayD42	-0.00	0.01	-0.24	116.60	0.81

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.00
Residual		0.01

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(model\$lc12a1)

	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	1.563888e-05	1.563888e-05	1	128	1.2301485	0.2694576619
Scondition	4.812518e-05	2.406259e-05	2	128	1.8927549	0.1548487686
Day	2.539749e-04	1.269874e-04	2	128	9.9887871	0.0000930894
Sgroup:Scondition	1.096446e-05	5.482231e-06	2	128	0.4312303	0.6506496084
Sgroup:Day	6.437713e-05	3.218856e-05	2	128	2.5319409	0.0834806797
Scondition:Day	2.169134e-04	7.230446e-05	3	128	5.6874429	0.0010925882
Sgroup:Scondition:Day	9.565970e-05	3.188657e-05	3	128	2.5081859	0.0618145439

7 rows

Observations	144
Dependent variable	Slc12a1
Type	Mixed effects linear regression

AIC	-1006.53
BIC	-950.10
Pseudo-R ² (fixed effects)	0.27
Pseudo-R ² (total)	0.27

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.01	0.00	5.22	128.00	0.00
SgroupSW	0.00	0.00	1.89	128.00	0.06
Scondition10	0.00	0.00	0.82	128.00	0.41
Scondition20	-0.00	0.00	-1.02	128.00	0.31
DayD10	0.00	0.00	2.90	128.00	0.00
DayD42	-0.00	0.00	-2.04	128.00	0.04
SgroupSW:Scondition10	-0.00	0.00	-1.60	128.00	0.11
SgroupSW:Scondition20	-0.00	0.00	-1.40	128.00	0.16
SgroupSW:DayD10	-0.01	0.00	-3.21	128.00	0.00
SgroupSW:DayD42	-0.00	0.00	-0.73	128.00	0.47
Scondition10:DayD10	-0.01	0.00	-2.92	128.00	0.00
Scondition20:DayD10	-0.00	0.00	-0.15	128.00	0.88
Scondition10:DayD42	0.00	0.00	0.80	128.00	0.42
SgroupSW:Scondition10:DayD10	0.01	0.00	2.30	128.00	0.02
SgroupSW:Scondition20:DayD10	0.01	0.00	1.77	128.00	0.08
SgroupSW:Scondition10:DayD42	0.00	0.00	0.01	128.00	0.99

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.00
Residual		0.00

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(modelS1c12a2)

	Sum Sq <dbl>	Mean Sq <dbl>	Nu... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	2.404896e-03	2.404896e-03	1	45.07403	2.20555837	1.444749e-01
Scondition	8.266165e-03	4.133083e-03	2	47.85899	3.79049856	2.963959e-02
Day	1.104760e-01	5.523800e-02	2	75.23366	50.65941500	1.159863e-14
Sgroup:Scondition	9.312135e-05	4.656067e-05	2	47.85899	0.04270134	9.582340e-01
Sgroup:Day	2.440509e-04	1.220255e-04	2	75.23366	0.11191098	8.942724e-01
Scondition:Day	1.399057e-02	4.663524e-03	3	75.23366	4.27697203	7.646542e-03
Sgroup:Scondition:Day	1.829781e-03	6.099272e-04	3	75.23366	0.55937134	6.434850e-01

7 rows

Observations	144
Dependent variable	Slc12a2
Type	Mixed effects linear regression

AIC	-420.47
BIC	-364.04
Pseudo-R ² (fixed effects)	0.50
Pseudo-R ² (total)	0.56

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.11	0.01	9.33	123.51	0.00
SgroupSW	0.02	0.02	1.11	123.51	0.27
Scondition10	-0.02	0.02	-0.93	123.51	0.35
Scondition20	0.02	0.02	1.06	123.51	0.29
DayD10	0.02	0.02	0.98	75.23	0.33
DayD42	-0.06	0.02	-3.93	75.23	0.00
SgroupSW:Scondition10	-0.01	0.02	-0.59	123.51	0.56
SgroupSW:Scondition20	-0.00	0.02	-0.14	123.51	0.89
SgroupSW:DayD10	-0.02	0.02	-0.91	75.23	0.37
SgroupSW:DayD42	-0.01	0.02	-0.34	75.23	0.74
Scondition10:DayD10	0.03	0.02	1.54	75.23	0.13
Scondition20:DayD10	0.00	0.02	0.08	75.23	0.93
Scondition10:DayD42	0.04	0.02	1.65	75.23	0.10
SgroupSW:Scondition10:DayD10	0.04	0.03	1.13	75.23	0.26
SgroupSW:Scondition20:DayD10	0.02	0.03	0.58	75.23	0.56
SgroupSW:Scondition10:DayD42	0.00	0.03	0.02	75.23	0.98

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.01
Tank	(Intercept)	0.00
Residual		0.03

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(mode1AQP)						
	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.02908202	0.02908202	1	14.03920	2.883645	1.115276e-01
Scondition	2.21538244	1.10769122	2	14.85829	109.833773	1.253820e-09
Day	0.03310092	0.01655046	2	117.39565	1.641071	1.981860e-01
Sgroup:Scondition	0.04438918	0.02219459	2	14.85829	2.200718	1.455039e-01
Sgroup:Day	0.16557185	0.08278593	2	117.39565	8.208687	4.605121e-04
Scondition:Day	0.21078601	0.07026200	3	117.39565	6.966870	2.352433e-04
Sgroup:Scondition:Day	0.05596575	0.01865525	3	117.39565	1.849772	1.419610e-01

7 rows

Observations	144
Dependent variable	AQP
Type	Mixed effects linear regression

AIC	-147.87
BIC	-91.44
Pseudo-R ² (fixed effects)	0.72
Pseudo-R ² (total)	0.73

Fixed Effects					
	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.47	0.04	13.20	53.60	0.00
SgroupSW	0.17	0.05	3.29	53.60	0.00
Scondition10	-0.26	0.05	-5.17	53.60	0.00
Scondition20	-0.36	0.05	-7.01	53.60	0.00
DayD10	0.03	0.05	0.63	117.40	0.53
DayD42	0.07	0.05	1.46	117.40	0.15
SgroupSW:Scondition10	-0.18	0.07	-2.54	53.60	0.01
SgroupSW:Scondition20	-0.17	0.07	-2.35	53.60	0.02
SgroupSW:DayD10	-0.22	0.07	-3.33	117.40	0.00
SgroupSW:DayD42	-0.22	0.07	-3.31	117.40	0.00
Scondition10:DayD10	0.14	0.07	2.16	117.40	0.03
Scondition20:DayD10	0.10	0.07	1.44	117.40	0.15
Scondition10:DayD42	0.02	0.07	0.29	117.40	0.77
SgroupSW:Scondition10:DayD10	0.14	0.09	1.43	117.40	0.15
SgroupSW:Scondition20:DayD10	0.07	0.09	0.77	117.40	0.44
SgroupSW:Scondition10:DayD42	0.22	0.09	2.33	117.40	0.02

p values calculated using Satterthwaite d.f.

Random Effects		
Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.02
Residual		0.10

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(modeIIMPA)						
	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.006753737	0.006753737	1	10.40784	1.4483426	2.554533e-01
Scondition	0.070942491	0.035471245	2	10.92571	7.6068280	8.519664e-03
Day	1.671998017	0.835999008	2	113.97115	179.2804463	6.362650e-36
Sgroup:Scondition	0.005646302	0.002823151	2	10.92571	0.6054263	5.631737e-01
Sgroup:Day	0.040662841	0.020331421	2	113.97115	4.3600843	1.497560e-02
Scondition:Day	0.178253707	0.059417902	3	113.97115	12.7422018	3.060396e-07
Sgroup:Scondition:Day	0.019512112	0.006504037	3	113.97115	1.3947944	2.480413e-01

7 rows

Observations	144
Dependent variable	IMPA
Type	Mixed effects linear regression

AIC	-241.94
BIC	-185.51
Pseudo-R ² (fixed effects)	0.74
Pseudo-R ² (total)	0.77

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.59	0.03	21.89	31.58	0.00
SgroupSW	0.07	0.04	1.81	31.58	0.08
Scondition10	-0.05	0.04	-1.39	31.58	0.17
Scondition20	-0.18	0.04	-4.68	31.58	0.00
DayD10	-0.28	0.03	-8.58	113.97	0.00
DayD42	-0.09	0.03	-2.79	113.97	0.01
SgroupSW:Scondition10	-0.03	0.05	-0.48	31.58	0.63
SgroupSW:Scondition20	0.01	0.05	0.17	31.58	0.87
SgroupSW:DayD10	-0.08	0.05	-1.81	113.97	0.07
SgroupSW:DayD42	-0.11	0.05	-2.36	113.97	0.02
Scondition10:DayD10	0.03	0.05	0.70	113.97	0.48
Scondition20:DayD10	0.17	0.05	3.67	113.97	0.00
Scondition10:DayD42	-0.02	0.05	-0.53	113.97	0.60
SgroupSW:Scondition10:DayD10	-0.01	0.06	-0.22	113.97	0.82
SgroupSW:Scondition20:DayD10	0.03	0.06	0.49	113.97	0.63
SgroupSW:Scondition10:DayD42	0.10	0.06	1.54	113.97	0.13

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.03
Residual		0.07

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(modelHSP70)

	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.0010108351	1.010835e-03	1	10.72254	2.5726390	1.377492e-01
Scondition	0.0042908859	2.145443e-03	2	11.22793	5.4602872	2.206120e-02
Day	0.0028703489	1.435174e-03	2	76.95463	3.6526092	3.051656e-02
Sgroup:Scondition	0.0007666497	3.833248e-04	2	11.22793	0.9755858	4.067673e-01
Sgroup:Day	0.0004100852	2.050426e-04	2	76.95463	0.5218463	5.955088e-01
Scondition:Day	0.0222954935	7.431831e-03	3	76.95463	18.9144776	2.754807e-09
Sgroup:Scondition:Day	0.0002733347	9.111155e-05	3	76.95463	0.2318846	8.739092e-01

7 rows

Observations	144
Dependent variable	HSP70
Type	Mixed effects linear regression

AIC	-553.14
BIC	-496.71
Pseudo-R ² (fixed effects)	0.39
Pseudo-R ² (total)	0.49

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.08	0.01	9.71	29.75	0.00
SgroupSW	0.01	0.01	0.65	29.75	0.52
Scondition10	0.02	0.01	2.04	29.75	0.05
Scondition20	-0.01	0.01	-0.77	29.75	0.45
DayD10	-0.00	0.01	-0.30	76.95	0.77
DayD42	-0.02	0.01	-1.92	76.95	0.06
SgroupSW:Scondition10	-0.00	0.02	-0.22	29.75	0.83
SgroupSW:Scondition20	0.01	0.02	0.83	29.75	0.41
SgroupSW:DayD10	0.00	0.01	0.00	76.95	1.00
SgroupSW:DayD42	0.01	0.01	0.63	76.95	0.53
Scondition10:DayD10	-0.02	0.01	-1.49	76.95	0.14
Scondition20:DayD10	0.05	0.01	3.81	76.95	0.00
Scondition10:DayD42	-0.00	0.01	-0.07	76.95	0.95
SgroupSW:Scondition10:DayD10	-0.01	0.02	-0.50	76.95	0.62
SgroupSW:Scondition20:DayD10	-0.01	0.02	-0.60	76.95	0.55
SgroupSW:Scondition10:DayD42	-0.01	0.02	-0.71	76.95	0.48

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.01
Residual		0.02

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(mode1HSP60)

	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.003330003	0.0033300031	1	11.16256	2.8996140	1.162496e-01
Scondition	0.026313891	0.0131569455	2	11.74308	11.4564648	1.739388e-03
Day	0.044079805	0.0220399026	2	114.85760	19.1913366	6.444026e-08
Sgroup:Scondition	0.003852387	0.0019261935	2	11.74308	1.6772410	2.287017e-01
Sgroup:Day	0.005746246	0.0028731229	2	114.85760	2.5017837	8.639518e-02
Scondition:Day	0.082080935	0.0273603118	3	114.85760	23.8241049	4.629340e-12
Sgroup:Scondition:Day	0.001645890	0.0005486299	3	114.85760	0.4777218	6.984084e-01

7 rows

Observations	144
Dependent variable	HSP60
Type	Mixed effects linear regression

AIC	-422.33
BIC	-365.91
Pseudo-R ² (fixed effects)	0.48
Pseudo-R ² (total)	0.53

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.10	0.01	7.63	35.75	0.00
SgroupSW	0.00	0.02	0.06	35.75	0.95
Scondition10	0.01	0.02	0.59	35.75	0.56
Scondition20	-0.03	0.02	-1.51	35.75	0.14
DayD10	-0.05	0.02	-3.41	114.86	0.00
DayD42	0.01	0.02	0.55	114.86	0.59
SgroupSW:Scondition10	0.01	0.03	0.57	35.75	0.57
SgroupSW:Scondition20	0.04	0.03	1.59	35.75	0.12
SgroupSW:DayD10	-0.01	0.02	-0.25	114.86	0.80
SgroupSW:DayD42	0.01	0.02	0.34	114.86	0.74
Scondition10:DayD10	0.01	0.02	0.36	114.86	0.72
Scondition20:DayD10	0.12	0.02	5.39	114.86	0.00
Scondition10:DayD42	-0.02	0.02	-0.73	114.86	0.47
SgroupSW:Scondition10:DayD10	-0.03	0.03	-1.00	114.86	0.32
SgroupSW:Scondition20:DayD10	-0.02	0.03	-0.60	114.86	0.55
SgroupSW:Scondition10:DayD42	0.00	0.03	0.07	114.86	0.94

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.01
Residual		0.03

Grouping Variables

Group	# groups	ICC
sample	54	0.00
Tank	18	0.10

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(mode1GPX1A)						
	Sum Sq <dbl>	Mean Sq <dbl>	Nu... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	1.488235e-05	1.488235e-05	1	57.37444	0.001951533	9.649174e-01
Scondition	4.473524e-01	2.236762e-01	2	60.49912	29.330821144	1.244534e-09
Day	4.747068e-01	2.373534e-01	2	86.49262	31.124325004	6.569783e-11
Sgroup:Scondition	6.963363e-03	3.481682e-03	2	60.49912	0.456555429	6.356264e-01
Sgroup:Day	4.246456e-03	2.123228e-03	2	86.49262	0.278420407	7.576544e-01
Scondition:Day	4.978766e-02	1.659589e-02	3	86.49262	2.176230482	9.661273e-02
Sgroup:Scondition:Day	6.246763e-03	2.082254e-03	3	86.49262	0.273047524	8.446836e-01

7 rows

Observations	144
Dependent variable	GPX1A
Type	Mixed effects linear regression

AIC	-179.58
BIC	-123.15
Pseudo-R ² (fixed effects)	0.41
Pseudo-R ² (total)	0.45

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.18	0.03	5.83	127.21	0.00
SgroupSW	-0.01	0.04	-0.32	127.21	0.75
Scondition10	-0.05	0.04	-1.13	127.21	0.26
Scondition20	-0.16	0.04	-3.85	127.21	0.00
DayD10	0.04	0.04	1.04	86.49	0.30
DayD42	-0.14	0.04	-3.43	86.49	0.00
SgroupSW:Scondition10	0.02	0.06	0.28	127.21	0.78
SgroupSW:Scondition20	0.05	0.06	0.88	127.21	0.38
SgroupSW:DayD10	-0.03	0.06	-0.55	86.49	0.58
SgroupSW:DayD42	0.02	0.06	0.32	86.49	0.75
Scondition10:DayD10	0.06	0.06	1.03	86.49	0.30
Scondition20:DayD10	-0.01	0.06	-0.23	86.49	0.82
Scondition10:DayD42	0.08	0.06	1.44	86.49	0.15
SgroupSW:Scondition10:DayD10	0.03	0.08	0.41	86.49	0.69
SgroupSW:Scondition20:DayD10	-0.01	0.08	-0.09	86.49	0.93
SgroupSW:Scondition10:DayD42	-0.04	0.08	-0.43	86.49	0.67

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.02
Tank	(Intercept)	0.00
Residual		0.09

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(modelCAT)						
	Sum Sq <dbl>	Mean Sq <dbl>	Nu... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	3.861950e-06	3.861950e-06	1	12.96472	2.231809e-03	9.630403e-01
Scondition	1.527468e-01	7.637339e-02	2	13.59961	4.413595e+01	1.130815e-06
Day	4.054810e-01	2.027405e-01	2	116.71607	1.171631e+02	1.234537e-28
Sgroup:Scondition	4.220540e-03	2.110270e-03	2	13.59961	1.219519e+00	3.257266e-01
Sgroup:Day	3.897703e-02	1.948852e-02	2	116.71607	1.126236e+01	3.370430e-05
Scondition:Day	1.481835e-01	4.939449e-02	3	116.71607	2.854493e+01	6.462208e-14
Sgroup:Scondition:Day	8.316570e-03	2.772190e-03	3	116.71607	1.602040e+00	1.926827e-01

7 rows

Observations	144
Dependent variable	CAT
Type	Mixed effects linear regression

AIC	-368.86
BIC	-312.44
Pseudo-R ² (fixed effects)	0.75
Pseudo-R ² (total)	0.78

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.38	0.02	23.12	37.76	0.00
SgroupSW	0.02	0.02	0.80	37.76	0.43
Scondition10	-0.10	0.02	-4.21	37.76	0.00
Scondition20	-0.06	0.02	-2.72	37.76	0.01
DayD10	0.17	0.02	8.67	116.72	0.00
DayD42	-0.04	0.02	-2.04	116.72	0.04
SgroupSW:Scondition10	0.05	0.03	1.60	37.76	0.12
SgroupSW:Scondition20	-0.02	0.03	-0.65	37.76	0.52
SgroupSW:DayD10	-0.05	0.03	-1.69	116.72	0.09
SgroupSW:DayD42	0.01	0.03	0.53	116.72	0.60
Scondition10:DayD10	0.04	0.03	1.59	116.72	0.11
Scondition20:DayD10	-0.12	0.03	-4.23	116.72	0.00
Scondition10:DayD42	0.13	0.03	4.76	116.72	0.00
SgroupSW:Scondition10:DayD10	-0.07	0.04	-1.79	116.72	0.08
SgroupSW:Scondition20:DayD10	-0.01	0.04	-0.25	116.72	0.80
SgroupSW:Scondition10:DayD42	-0.07	0.04	-1.79	116.72	0.08

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.02
Residual		0.04

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(mode1GH2)

	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.013161449	0.013161449	1	12.69020	1.6436149	2.227570e-01
Scondition	0.032552416	0.016276208	2	13.44785	2.0325892	1.693204e-01
Day	0.432345167	0.216172583	2	116.21203	26.9958486	2.348489e-10
Sgroup:Scondition	0.008599702	0.004299851	2	13.44785	0.5369697	5.965418e-01
Sgroup:Day	0.050863339	0.025431670	2	116.21203	3.1759323	4.540303e-02
Scondition:Day	0.489332201	0.163110734	3	116.21203	20.3694317	1.121927e-10
Sgroup:Scondition:Day	0.047118308	0.015706103	3	116.21203	1.9613938	1.236437e-01

7 rows

Observations	144
Dependent variable	GH2
Type	Mixed effects linear regression

AIC	-177.87
BIC	-121.45
Pseudo-R ² (fixed effects)	0.48
Pseudo-R ² (total)	0.50

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.60	0.03	18.93	51.74	0.00
SgroupSW	-0.03	0.04	-0.66	51.74	0.51
Scondition10	-0.08	0.04	-1.80	51.74	0.08
Scondition20	-0.02	0.04	-0.46	51.74	0.65
DayD10	-0.07	0.04	-1.75	116.21	0.08
DayD42	-0.28	0.04	-6.64	116.21	0.00
SgroupSW:Scondition10	-0.03	0.06	-0.51	51.74	0.61
SgroupSW:Scondition20	0.03	0.06	0.42	51.74	0.68
SgroupSW:DayD10	-0.02	0.06	-0.36	116.21	0.72
SgroupSW:DayD42	0.04	0.06	0.65	116.21	0.52
Scondition10:DayD10	0.06	0.06	1.01	116.21	0.31
Scondition20:DayD10	-0.04	0.06	-0.59	116.21	0.56
Scondition10:DayD42	0.23	0.06	3.85	116.21	0.00
SgroupSW:Scondition10:DayD10	0.07	0.08	0.87	116.21	0.38
SgroupSW:Scondition20:DayD10	-0.11	0.08	-1.34	116.21	0.18
SgroupSW:Scondition10:DayD42	0.11	0.08	1.26	116.21	0.21

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.02
Residual		0.09

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(modelGHRB)						
	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.005429332	0.005429332	1	11.59452	0.9523172	3.490518e-01
Scondition	0.562654782	0.281327391	2	12.09970	49.3454668	1.519453e-06
Day	0.129132683	0.064566341	2	115.44686	11.3250837	3.228419e-05
Sgroup:Scondition	0.027743505	0.013871752	2	12.09970	2.4331371	1.293769e-01
Sgroup:Day	0.006184675	0.003092337	2	115.44686	0.5424030	5.828237e-01
Scondition:Day	1.120326233	0.373442078	3	115.44686	65.5025932	8.279313e-25
Sgroup:Scondition:Day	0.023903802	0.007967934	3	115.44686	1.3975938	2.471318e-01

7 rows

Observations	144
Dependent variable	GHRB
Type	Mixed effects linear regression

AIC	-213.85
BIC	-157.42
Pseudo-R ² (fixed effects)	0.72
Pseudo-R ² (total)	0.76

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.23	0.03	7.27	29.86	0.00
SgroupSW	0.06	0.04	1.28	29.86	0.21
Scondition10	-0.04	0.04	-0.96	29.86	0.34
Scondition20	0.44	0.04	9.88	29.86	0.00
DayD10	0.14	0.04	4.04	115.45	0.00
DayD42	0.05	0.04	1.37	115.45	0.17
SgroupSW:Scondition10	-0.04	0.06	-0.69	29.86	0.49
SgroupSW:Scondition20	-0.11	0.06	-1.80	29.86	0.08
SgroupSW:DayD10	-0.06	0.05	-1.21	115.45	0.23
SgroupSW:DayD42	-0.02	0.05	-0.48	115.45	0.63
Scondition10:DayD10	-0.01	0.05	-0.24	115.45	0.81
Scondition20:DayD10	-0.39	0.05	-7.81	115.45	0.00
Scondition10:DayD42	0.15	0.05	3.04	115.45	0.00
SgroupSW:Scondition10:DayD10	0.13	0.07	1.87	115.45	0.06
SgroupSW:Scondition20:DayD10	0.07	0.07	0.91	115.45	0.36
SgroupSW:Scondition10:DayD42	0.12	0.07	1.66	115.45	0.10

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.03
Residual		0.08

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(modelIGF)						
	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.004388773	0.004388773	1	14.15366	0.2504692	6.244367e-01
Scondition	2.909564352	1.454782176	2	15.01036	83.0250543	7.649861e-09
Day	3.483719537	1.741859769	2	117.35113	99.4086979	5.548769e-26
Sgroup:Scondition	0.046306610	0.023153305	2	15.01036	1.3213692	2.960816e-01
Sgroup:Day	0.052722270	0.026361135	2	117.35113	1.5044415	2.263941e-01
Scondition:Day	0.175077645	0.058359215	3	117.35113	3.3305859	2.199263e-02
Sgroup:Scondition:Day	0.099060896	0.033020299	3	117.35113	1.8844829	1.359811e-01
7 rows						

Observations	144
Dependent variable	IGF
Type	Mixed effects linear regression

AIC	-79.01
BIC	-22.58
Pseudo-R ² (fixed effects)	0.68
Pseudo-R ² (total)	0.69

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.63	0.05	13.69	60.60	0.00
SgroupSW	-0.11	0.06	-1.74	60.60	0.09
Scondition10	-0.22	0.06	-3.42	60.60	0.00
Scondition20	-0.45	0.06	-7.02	60.60	0.00
DayD10	0.03	0.06	0.56	117.35	0.58
DayD42	-0.49	0.06	-7.81	117.35	0.00
SgroupSW:Scondition10	0.26	0.09	2.85	60.60	0.01
SgroupSW:Scondition20	0.12	0.09	1.35	60.60	0.18
SgroupSW:DayD10	0.06	0.09	0.67	117.35	0.51
SgroupSW:DayD42	0.12	0.09	1.34	117.35	0.18
Scondition10:DayD10	0.10	0.09	1.16	117.35	0.25
Scondition20:DayD10	0.01	0.09	0.10	117.35	0.92
Scondition10:DayD42	0.26	0.09	2.97	117.35	0.00
SgroupSW:Scondition10:DayD10	-0.27	0.12	-2.19	117.35	0.03
SgroupSW:Scondition20:DayD10	-0.14	0.12	-1.16	117.35	0.25
SgroupSW:Scondition10:DayD42	-0.24	0.12	-1.89	117.35	0.06

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.02
Residual		0.13

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(mode1SOD)						
	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.01593622	0.015936225	1	50.89492	1.2332504	0.2719950333
Scondition	0.00643119	0.003215595	2	53.04699	0.2488440	0.7806066344
Day	0.20682896	0.103414482	2	82.30057	8.0028959	0.0006669161
Sgroup:Scondition	0.01065617	0.005328086	2	53.04699	0.4123225	0.6642142921
Sgroup:Day	0.02980914	0.014904571	2	82.30057	1.1534142	0.3206050331
Scondition:Day	0.04058859	0.013529530	3	82.30057	1.0470044	0.3762939210
Sgroup:Scondition:Day	0.03915799	0.013052663	3	82.30057	1.0101013	0.3925847930

7 rows

Observations	144
Dependent variable	SOD
Type	Mixed effects linear regression

AIC	-76.58
BIC	-20.15
Pseudo-R ² (fixed effects)	0.13
Pseudo-R ² (total)	0.44

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.39	0.05	8.13	105.91	0.00
SgroupSW	0.05	0.07	0.72	105.91	0.47
Scondition10	-0.01	0.07	-0.18	105.91	0.85
Scondition20	0.05	0.07	0.74	105.91	0.46
DayD10	0.03	0.05	0.61	82.30	0.54
DayD42	-0.08	0.05	-1.48	82.30	0.14
SgroupSW:Scondition10	0.04	0.09	0.43	105.91	0.67
SgroupSW:Scondition20	0.01	0.09	0.09	105.91	0.93
SgroupSW:DayD10	-0.09	0.08	-1.25	82.30	0.21
SgroupSW:DayD42	-0.01	0.08	-0.08	82.30	0.94
Scondition10:DayD10	-0.04	0.08	-0.54	82.30	0.59
Scondition20:DayD10	-0.15	0.08	-2.01	82.30	0.05
Scondition10:DayD42	0.03	0.08	0.43	82.30	0.67
SgroupSW:Scondition10:DayD10	-0.04	0.11	-0.37	82.30	0.72
SgroupSW:Scondition20:DayD10	0.13	0.11	1.19	82.30	0.24
SgroupSW:Scondition10:DayD42	-0.08	0.11	-0.72	82.30	0.48

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.09
Tank	(Intercept)	0.00
Residual		0.11

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(modelLyzoz)

	Sum Sq <dbl>	Mean Sq <dbl>	Nu... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.0019943189	1.994319e-03	1	12.11925	1.06267338	3.227407e-01
Scondition	0.1503206266	7.516031e-02	2	12.75983	40.04919397	3.167165e-06
Day	0.2408102857	1.204051e-01	2	115.86553	64.15791408	1.753031e-19
Sgroup:Scondition	0.0005147360	2.573680e-04	2	12.75983	0.13713862	8.731172e-01
Sgroup:Day	0.0001564722	7.823612e-05	2	115.86553	0.04168814	9.591832e-01
Scondition:Day	0.4891860213	1.630620e-01	3	115.86553	86.88763613	1.606835e-29
Sgroup:Scondition:Day	0.0025511408	8.503803e-04	3	115.86553	0.45312536	7.155809e-01

7 rows

Observations	144
Dependent variable	Lyzoz
Type	Mixed effects linear regression

AIC	-359.98
BIC	-303.55
Pseudo-R ² (fixed effects)	0.77
Pseudo-R ² (total)	0.79

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.07	0.02	4.21	39.40	0.00
SgroupSW	-0.00	0.02	-0.17	39.40	0.86
Scondition10	0.26	0.02	11.28	39.40	0.00
Scondition20	0.00	0.02	0.20	39.40	0.84
DayD10	-0.02	0.02	-0.86	115.87	0.39
DayD42	-0.00	0.02	-0.21	115.87	0.83
SgroupSW:Scondition10	-0.02	0.03	-0.67	39.40	0.51
SgroupSW:Scondition20	0.01	0.03	0.39	39.40	0.70
SgroupSW:DayD10	-0.00	0.03	-0.06	115.87	0.95
SgroupSW:DayD42	-0.01	0.03	-0.19	115.87	0.85
Scondition10:DayD10	-0.25	0.03	-8.51	115.87	0.00
Scondition20:DayD10	0.06	0.03	2.18	115.87	0.03
Scondition10:DayD42	-0.23	0.03	-8.09	115.87	0.00
SgroupSW:Scondition10:DayD10	0.02	0.04	0.49	115.87	0.63
SgroupSW:Scondition20:DayD10	-0.03	0.04	-0.67	115.87	0.51
SgroupSW:Scondition10:DayD42	0.01	0.04	0.35	115.87	0.73

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.01
Residual		0.04

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(modelIL1B)

	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.004064829	0.0040648286	1	10.66077	2.0901525	1.770003e-01
Scondition	0.139650699	0.0698253493	2	10.94265	35.9044975	1.558107e-05
Day	0.015905874	0.0079529368	2	114.47792	4.0894346	1.925557e-02
Sgroup:Scondition	0.016198739	0.0080993693	2	10.94265	4.1647308	4.519715e-02
Sgroup:Day	0.003072262	0.0015361308	2	114.47792	0.7898851	4.563548e-01
Scondition:Day	0.235841723	0.0786139077	3	114.47792	40.4236124	6.851965e-18
Sgroup:Scondition:Day	0.001971482	0.0006571606	3	114.47792	0.3379148	7.979440e-01

7 rows

Observations	144
Dependent variable	IL1B
Type	Mixed effects linear regression

AIC	-343.59
BIC	-287.17
Pseudo-R ² (fixed effects)	0.71
Pseudo-R ² (total)	0.80

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.06	0.02	2.38	18.74	0.03
SgroupSW	-0.02	0.03	-0.49	18.74	0.63
Scondition10	0.07	0.03	2.18	18.74	0.04
Scondition20	0.03	0.03	1.06	18.74	0.30
DayD10	-0.02	0.02	-0.92	114.48	0.36
DayD42	-0.03	0.02	-1.38	114.48	0.17
SgroupSW:Scondition10	-0.01	0.05	-0.25	18.74	0.80
SgroupSW:Scondition20	0.11	0.05	2.37	18.74	0.03
SgroupSW:DayD10	0.01	0.03	0.32	114.48	0.75
SgroupSW:DayD42	0.04	0.03	1.24	114.48	0.22
Scondition10:DayD10	-0.07	0.03	-2.47	114.48	0.02
Scondition20:DayD10	0.16	0.03	5.57	114.48	0.00
Scondition10:DayD42	-0.06	0.03	-1.96	114.48	0.05
SgroupSW:Scondition10:DayD10	0.02	0.04	0.38	114.48	0.71
SgroupSW:Scondition20:DayD10	-0.02	0.04	-0.42	114.48	0.68
SgroupSW:Scondition10:DayD42	-0.01	0.04	-0.34	114.48	0.73

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.03
Residual		0.04

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(modelTNFa)						
	Sum Sq <dbl>	Mean Sq <dbl>	NumDF <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.05755758	0.05755758	1	128	2.7522662	9.956506e-02
Scondition	0.32534771	0.16267385	2	128	7.7786758	6.483508e-04
Day	1.74563559	0.87281780	2	128	41.7360658	1.109780e-14
Sgroup:Scondition	0.06260173	0.03130086	2	128	1.4967327	2.277517e-01
Sgroup:Day	0.03153544	0.01576772	2	128	0.7539749	4.725706e-01
Scondition:Day	0.69704845	0.23234948	3	128	11.1103982	1.568248e-06
Sgroup:Scondition:Day	0.21814797	0.07271599	3	128	3.4771052	1.800656e-02

7 rows

Observations	144
Dependent variable	TNFa
Type	Mixed effects linear regression

AIC	-58.62
BIC	-2.20
Pseudo-R ² (fixed effects)	0.55
Pseudo-R ² (total)	0.55

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.36	0.05	7.38	128.00	0.00
SgroupSW	-0.23	0.07	-3.33	128.00	0.00
Scondition10	-0.07	0.07	-0.97	128.00	0.33
Scondition20	-0.23	0.07	-3.38	128.00	0.00
DayD10	-0.13	0.07	-1.97	128.00	0.05
DayD42	0.05	0.07	0.77	128.00	0.44
SgroupSW:Scondition10	0.34	0.10	3.51	128.00	0.00
SgroupSW:Scondition20	0.15	0.10	1.55	128.00	0.12
SgroupSW:DayD10	0.15	0.10	1.55	128.00	0.12
SgroupSW:DayD42	0.25	0.10	2.64	128.00	0.01
Scondition10:DayD10	0.08	0.10	0.87	128.00	0.39
Scondition20:DayD10	0.30	0.10	3.16	128.00	0.00
Scondition10:DayD42	0.27	0.10	2.80	128.00	0.01
SgroupSW:Scondition10:DayD10	-0.35	0.14	-2.55	128.00	0.01
SgroupSW:Scondition20:DayD10	-0.08	0.14	-0.59	128.00	0.56
SgroupSW:Scondition10:DayD42	-0.39	0.14	-2.85	128.00	0.01

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.00
Residual		0.14

Annex 2 - Early exposure of striped catfish (*P. hypophthalmus*) to increased salinities could elicit conditioning hormesis in juvenile fish.

anova(mode1COX4)						
	Sum Sq <dbl>	Mean Sq <dbl>	Num... <int>	DenDF <dbl>	F value <dbl>	Pr(>F) <dbl>
Sgroup	0.043905601	0.043905601	1	128	14.382608	2.288830e-04
Scondition	0.010519911	0.005259956	2	128	1.723058	1.826340e-01
Day	1.034099067	0.517049534	2	128	169.375218	1.096516e-36
Sgroup:Scondition	0.012443764	0.006221882	2	128	2.038166	1.344740e-01
Sgroup:Day	0.049652679	0.024826339	2	128	8.132619	4.732489e-04
Scondition:Day	0.151742149	0.050580716	3	128	16.569244	3.715620e-09
Sgroup:Scondition:Day	0.009753515	0.003251172	3	128	1.065020	3.664272e-01
7 rows						

Observations	144
Dependent variable	COX4
Type	Mixed effects linear regression

AIC	-304.94
BIC	-248.51
Pseudo-R ² (fixed effects)	0.75
Pseudo-R ² (total)	0.75

Fixed Effects

	Est.	S.E.	t val.	d.f.	p
(Intercept)	0.49	0.02	26.50	128.00	0.00
SgroupSW	0.05	0.03	1.90	128.00	0.06
Scondition10	0.04	0.03	1.63	128.00	0.11
Scondition20	-0.04	0.03	-1.58	128.00	0.12
DayD10	-0.16	0.03	-6.23	128.00	0.00
DayD42	-0.06	0.03	-2.41	128.00	0.02
SgroupSW:Scondition10	-0.01	0.04	-0.18	128.00	0.86
SgroupSW:Scondition20	0.02	0.04	0.56	128.00	0.57
SgroupSW:DayD10	-0.07	0.04	-2.01	128.00	0.05
SgroupSW:DayD42	-0.02	0.04	-0.41	128.00	0.68
Scondition10:DayD10	-0.07	0.04	-2.01	128.00	0.05
Scondition20:DayD10	0.08	0.04	2.29	128.00	0.02
Scondition10:DayD42	-0.06	0.04	-1.54	128.00	0.13
SgroupSW:Scondition10:DayD10	-0.01	0.05	-0.28	128.00	0.78
SgroupSW:Scondition20:DayD10	0.03	0.05	0.65	128.00	0.52
SgroupSW:Scondition10:DayD42	0.06	0.05	1.17	128.00	0.25

p values calculated using Satterthwaite d.f.

Random Effects

Group	Parameter	Std. Dev.
sample	(Intercept)	0.00
Tank	(Intercept)	0.00
Residual		0.06