The following supplement accompanies the article

Linking embryonic temperature with adult reproductive investment in Atlantic salmon *Salmo salar*

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Table S1. Multiple regression models describing growth rates of female and male Atlantic salmon *Salmo salar* from November 2012 to termination of the experiment in November/December 2013 against natural tip length (L, mm), condition factor (C) and incubation temperature (T) as factors, and the intercept (I). The interaction between condition factor and natural tip length ($C \times L$) was included in the global model. For each model, we provide the log likelihood (logLik), the small sample unbiased Akaike information criterion (AICc), delta AIC (Δi) as the difference in AICc between any given model and the best model, and the Akaike weights (W_i) (Johnson & Omland 2004). The selected model presented in Table 1 of the main text is shown in **bold**

Female	Model	df	logLik	AICc	Δi	W_i
	I+C+L+T	**6**	**–112.68**	**237.85**	**0**	**0.61**
	$I+C+L+T+C\times L$	7	–112.30	239.26	1.41	0.30
	$I+C+L$	4	–117.23	242.69	4.83	0.05
	$I+C+L+C\times L$	5	–116.75	243.85	6.00	0.03
	$I+L+T$	5	–119.46	249.27	11.42	< 0.01
	$I+L$	3	–124.74	255.63	17.77	< 0.01
	$I+T$	4	–148.88	305.99	68.14	< 0.01
	$I+C+T$	5	–148.36	307.07	69.21	< 0.01
	$I+C$	3	–161.75	329.63	91.78	< 0.01
	I	2	–162.83	329.72	91.87	< 0.01
Male						
	$\boldsymbol{I+C+L+T+C\times L}$	**7**	**–109.26**	**233.21**	**0**	**0.62**
	$I+C+L+C\times L$	5	–111.1	234.18	0.97	0.38
	$I+C+L+T$	6	–117.88	248.26	15.05	< 0.01
	$I+C+L$	4	–122.09	252.41	19.20	< 0.01
	$I+L+T$	5	–124.44	259.24	26.03	< 0.01
	$I+L$	3	–128.06	262.26	29.05	< 0.01
	$I+T$	4	–174.74	357.71	124.50	< 0.01
	$I+C+T$	5	–174.74	359.83	126.62	< 0.01
	I	2	–179.55	363.16	129.95	< 0.01
	$I+C$	3	–179.54	365.21	132.00	< 0.01

Table S2. Selected model for mean mass of Atlantic salmon *Salmo salar* single eggs, female gonads and male gonads against natural tip length (L, mm), condition factor (C) and incubation temperature (T) as factors, and juvenile growth during the first (G_1) and second (G_2) year. For each model, we provide the log likelihood (logLik), the small sample unbiased Akaike information criterion (AICc), delta AIC (Δi) as the difference in AICc between any given model and the best model, and the Akaike weights (W_i) (Johnson & Omland 2004). The selected model presented in Table 2 of the main text is shown in **bold**

Eggs	Model	df	logLik	AICc	Δi	W_i
	I+C+L+T	**6**	**–578.91**	**1170.34**	**0.00**	**0.32**
	$I+C+G_1+L+T$	7	–578.34	1171.36	1.02	0.19
	$I+C+G_2+L+T$	7	–578.54	1171.78	1.44	0.15
	$I+C+L+T+C\times L$	7	–578.86	1172.42	2.07	0.11
	$I+C+G_1+L+T+C\times L$	8	–578.28	1173.45	3.11	0.07
	$I+C+G_1+G_2+L+T$	8	–578.31	1173.52	3.17	0.06
	$I+C+G_2+L+T+C\times L$	8	–578.48	1173.86	3.51	0.05
	$I+C+G_1+G_2+L+T+C\times L$	9	–578.26	1175.64	5.30	0.02
	$I+L+T$	5	–584.52	1179.41	9.07	0.00
	$I+C+G_1+G_2+T$	7	–582.36	1179.42	9.07	0.00
	$I+C+G_1+T$	6	–583.47	1179.46	9.11	0.00
	$I+G_1+L+T$	6	–583.54	1179.60	9.25	0.00
	$I+G_2+L+T$	6	–583.73	1179.98	9.64	0.00
	$I+G_1+G_2+L+T$	7	–583.54	1181.77	11.43	0.00
	$I+C+T$	5	–586.29	1182.94	12.60	0.00
	$I+C+G_2+T$	6	–585.37	1183.26	12.92	0.00
	$I+G_1+T$	5	–587.44	1185.24	14.89	0.00
	$I+G_1+G_2+T$	6	–586.79	1186.09	15.74	0.00
	$I+G_2+T$	5	–589.27	1188.90	18.56	0.00
	$I+C+G_2+L$	5	–589.44	1189.24	18.89	0.00
	$I+T$	4	–590.65	1189.53	19.19	0.00
	$I+C+G_1+L$	5	–589.87	1190.10	19.76	0.00
	$I+C+G_2+L+C\times L$	6	–589.04	1190.59	20.25	0.00
	$I+C+G_1+G_2+L$	6	–589.42	1191.35	21.01	0.00
	$I+C+G_1+L+C\times L$	6	–589.56	1191.64	21.29	0.00
	$I+C+G_1+G_2+L+C\times L$	7	–589.03	1192.75	22.41	0.00
	$I+C+L$	4	–592.45	1193.14	22.80	0.00
	$I+C+L+C\times L$	5	–592.12	1194.60	24.26	0.00
	$I+G_2+L$	4	–597.62	1203.48	33.14	0.00
	$I+G_1+L$	4	–598.23	1204.71	34.37	0.00
	$I+C+G_1$	4	–598.60	1205.44	35.09	0.00
	$I+G_1+G_2+L$	5	–597.57	1205.51	35.17	0.00
	$I+C+G_1+G_2$	5	–598.40	1207.16	36.82	0.00
	$I+L$	3	–602.54	1211.23	40.89	0.00
	$I+C+G_2$	4	–602.05	1212.33	41.99	0.00
	$I+G_1$	3	–605.48	1217.11	46.77	0.00
	$I+G_1+G_2$	4	–605.43	1219.10	48.75	0.00
	$I+C$	3	–608.65	1223.44	53.10	0.00

	$I+G_2$	3	–608.98	1224.11	53.77	0.00
	I	2	–618.01	1240.10	69.75	0.00
Female gonad						
	$I+C+G_1+L+T+C\times L$	8	–821.46	1659.78	0.00	0.14
	$I+C+L+T+C\times L$	7	–822.69	1660.04	0.25	0.13
	$I+C+G_1+L+T$	7	–822.75	1660.17	0.39	0.12
	$I+C+G_2+L+T+C\times L$	8	–821.79	1660.45	0.67	0.10
	I+C+L+T	**6**	**–824.02**	**1660.54**	**0.76**	**0.10**
	$I+C+G_2+L+T$	7	–823.03	1660.73	0.94	0.09
	$I+C+G_1+L$	5	–825.74	1661.82	2.04	0.05
	$I+C+G_1+G_2+L+T+C\times L$	9	–821.46	1662.00	2.21	0.05
	$I+C+G_2+L$	5	–825.88	1662.11	2.32	0.05
	$I+C+G_1+G_2+L+T$	8	–822.75	1662.36	2.58	0.04
	$I+C+G_1+L+C\times L$	6	–824.97	1662.45	2.66	0.04
	$I+C+G_2+L+C\times L$	6	–825.23	1662.95	3.17	0.03
	$I+C+G_1+G_2+L$	6	–825.64	1663.77	3.99	0.02
	$I+C+G_1+G_2+L+C\times L$	7	–824.92	1664.50	4.72	0.01
	$I+C+L$	4	–828.43	1665.08	5.30	0.01
	$I+C+L+C\times L$	5	–827.69	1665.74	5.96	0.01
	$I+G_1+L+T$	6	–826.87	1666.24	6.45	0.01
	$I+G_2+L+T$	6	–827.12	1666.73	6.95	0.00
	$I+L+T$	5	–828.58	1667.51	7.73	0.00
	$I+G_1+G_2+L+T$	7	–826.86	1668.38	8.60	0.00
	$I+G_1+L$	4	–831.64	1671.51	11.73	0.00
	$I+G_2+L$	4	–831.74	1671.71	11.92	0.00
	$I+G_1+G_2+L$	5	–831.45	1673.24	13.46	0.00
	$I+L$	3	–835.66	1677.45	17.67	0.00
	$I+G_1+G_2+T$	6	–930.96	1874.41	214.63	0.00
	$I+C+G_1+G_2+T$	7	–930.58	1875.82	216.03	0.00
	$I+G_1+T$	5	–941.42	1893.20	233.42	0.00
	$C+G_1+T$	6	–941.33	1895.16	235.38	0.00
	$I+G_1+G_2$	5	–942.42	1895.19	235.41	0.00
	$I+G_1+G_2$	4	–943.70	1895.64	235.86	0.00
	$I+G_1$	3	–950.81	1907.75	247.97	0.00
	$I+C+G_1$	4	–949.98	1908.19	248.41	0.00
	$I+G_2+T$	5	–952.41	1915.17	255.39	0.00
	$I+C+G_2+T$	6	–952.27	1917.04	257.25	0.00
	$I+T$	4	–955.02	1918.28	258.49	0.00
	$I+C+T$	5	–954.73	1919.82	260.03	0.00
	$I+C+G_2$	4	–965.13	1938.50	278.71	0.00
	$I+G_2$	3	–966.33	1938.80	279.02	0.00
	$I+C$	3	–974.02	1954.17	294.39	0.00
	I	2	–976.53	1957.14	297.35	0.00

Male gonad						
	I+G$_1$+G$_2$+L+T	**7**	**–691.41**	**1397.47**	**0.00**	**0.31**
	I+C+G$_1$+G$_2$+L+T	8	–690.79	1398.41	0.95	0.20
	I+C+G$_1$+G$_2$+L+T+C×L	9	–690.25	1399.54	2.08	0.11
	I+C+L+T	6	–693.80	1400.07	2.61	0.09
	I+L+T	5	–695.18	1400.71	3.24	0.06
	I+C+G$_2$+L+T	7	–693.15	1400.95	3.49	0.06
	I+G$_2$+L+T	6	–694.43	1401.35	3.88	0.05
	I+C+L+T+C×L	7	–693.46	1401.56	4.09	0.04
	I+C+G$_1$+L+T	7	–693.78	1402.20	4.73	0.03
	I+C+G$_2$+L+T+C×L	8	–692.91	1402.66	5.19	0.02
	I+G$_1$+L+T	6	–695.17	1402.83	5.36	0.02
	I+C+G$_1$+L+T+C×L	8	–693.45	1403.74	6.28	0.01
	I+C+G$_1$+G$_2$+L	6	–705.95	1424.38	26.91	0.00
	I+C+G$_1$+G$_2$+L+C×L	7	–705.48	1425.60	28.13LL	0.00
	I+G$_1$+G$_2$+L	5	–707.83	1426.00	28.53	0.00
	I+C+G$_2$+L	5	–709.74	1429.83	32.36	0.00
	I+C+G$_2$+L+C×L	6	–709.54	1431.56	34.09	0.00
	I+G$_2$+L	4	–712.91	1434.06	36.59	0.00
	I+C+L	4	–713.43	1435.09	37.62	0.00
	I+C+G$_1$+L	5	–712.45	1435.24	37.77	0.00
	I+C+L+C×L	5	–712.90	1436.15	38.68	0.00
	I+C+G$_1$+L+C×L	6	–712.14	1436.75	39.29	0.00
	I+L	3	–717.19	1440.51	43.05	0.00
	I+G$_1$+L	4	–716.23	1440.68	43.21	0.00
	I+G$_1$+G$_2$+T	6	–773.96	1560.41	162.94	0.00
	I+C+G$_1$+G$_2$+T	7	–773.89	1562.43	164.96	0.00
	I+G$_1$+T	5	–791.34	1593.01	195.55	0.00
	I+C+G$_1$+T	6	–790.39	1593.26	195.79	0.00
	I+G$_1$+G$_2$	4	–794.75	1597.74	200.27	0.00
	I+C+G$_1$+G$_2$	5	–794.07	1598.47	201.01	0.00
	I+C+T	5	–798.07	1606.48	209.02	0.00
	I+T	4	–799.61	1607.44	209.97	0.00
	I+C+G$_2$+T	6	–797.80	1608.07	210.60	0.00
	I+G$_2$+T	5	–799.41	1609.16	211.69	0.00
	I+G$_1$	3	–805.39	1616.91	219.45	0.00
	I+C+G$_1$	4	–805.36	1618.95	221.48	0.00
	I+G$_2$	3	–816.16	1638.45	240.98	0.00
	I+C+G$_2$	4	–815.88	1639.99	242.52	0.00
	I	2	–818.37	1640.80	243.34	0.00
	I+C	3	–818.22	1642.58	245.11	0.00

LITERATURE CITED

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