eco- region	annual means of biomass dynamics	parameter a vs stand error	residuals plots for biomass (raw data)	Shapiro-Wilk test for residuals: test statistic W / p-value
211	11.8 11.4 11.2 11.0 11.9 11.0 11.9 11.0 11.0 11.0 11.0	16 14 12 10 08 06 06 04 02 -20 -15 -10 -05 00 05 10 15 20	2	0.69/ <mark>0.0</mark>
212	11.4 11.3 11.1 11.0 11.990 1995 1990 1995 2000 2005 2010	16 14 12 10 08 06 06 04 02 -20 -15 -10 05 00 05 10 15 20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.65 / <mark>0.0</mark>
221	11.8 11.7 11.6 11.5 11.4 11.3 11.2 11.1 11.990 1985 1999 1995 2000 2005 2010	16- 14- 12- 10- 06- 04- -20 -is -io -ds 00 0s 10 15 20	3 2 1 1 1 1 2 1 1 1 2 3 1 1 2 3 1	0.62 / <mark>0.0</mark>
222	11.8 11.7 11.6 11.5 11.4 11.3 11.2 11.1 11.0 11.8 11.9	18 16 14 12 10 08 06 04 02 -20 -15 -10 05 00 05 10 15 20	Salpher D of the second countries  Theoretical Quantiles	0.73 / 0.0

eco- region	annual means of biomass dynamics	parameter a vs stand error	residuals plots for biomass (raw data)	Shapiro-Wilk test for residuals: test statistic W / p-value
223	11.45 11.45 11.15 11.25 11.25 11.25 11.15 1390 3985 3990 3995 2000 2005 2010	16 14 12 10 08 06 06 06 06 07 15 10 08 10 15 20	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.65 / <mark>0.0</mark>
231	11.7 11.6 11.5 11.4 11.3 11.2 11.1 12970 2580 1990 2000 2010	20 18 16 14 12 10 00 06 04 -20 -15 -10 -05 00 05 10 15 20	4 2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.78 / <mark>0.0</mark>
232	11.7 11.6 11.5 11.4 11.3 11.2 11.1 11.0 10.9 12970 1580 1598 2000 2010	200- 175- 150- 125- 100- 075- 059- -20 -15 -10 -05 00 05 10 15 20	4 - 2 - 2 - 3 - 3 - 2 - 3 - 3 - 3 - 4 - 3 - 2 - 3 - 3 - 2 - 3 - 3 - 2 - 3 - 4 - 3 - 2 - 3 - 3 - 2 - 3 - 3 - 2 - 3 - 3	0.84 / 0.0
234	11.7 11.6 11.5 11.4 11.3 11.2 11.1 11.0 10.9 1995 2000 2005 2010	200 - 175 - 150 -	2 - 1 - 1 - 2 - 1 - 1 - 2 - 3 - 2 - 1 - 1 - 2 - 3 - 2 - 1 - 1 - 2 - 3 - 2 - 1 - 1 - 2 - 3 - 2 - 1 - 2 - 3 - 3 - 2 - 1 - 3 - 2 - 3 - 3 - 2 - 3 - 3 - 2 - 3 - 3	0.71 / 0.0
242	12 25 5 12 20 0 12 15 - 12 10 0 12 05 12 00 11 95 11 90 - 11 85 2002 2004 2006 2008 2010	25 20 15 10 05 -20 -15 -10 -05 00 05 10 15 20	04 04 00 00 00 00 00 00 10 15 Theoretical Quantiles	0.79 / <mark>0.01</mark>

eco- region	annual means of biomass dynamics	parameter a vs stand error	residuals plots for biomass (raw data)	Shapiro-Wilk test for residuals: test statistic W / p-value
251	11.4 11.3 11.1 11.0 11.0 11.0 11.0 11.0 11.0	18 16- 14- 110- 08- 06- 04- 02- -20 -15 -10 -05 00 05 10 15 20	1	0.73 / <mark>0.0</mark>
255	11 05 11 09 5 10 95 10 90 10 95 10 70 10 7	18- 16- 14- 12- 10- 08- 06- 04- 0220151065 00 05 10 15 20	15 10 10 10 10 10 10 10 10 10 10 10 10 10	0.79 / <mark>0.0</mark>
261	12.5 12.4 12.3 12.2 12.1 12.0 11.9 11.8 11.7 2002 2004 2006 2008 2010	15 - 10 - 05 - 00 05 10 15 20	005 005 000 000 000 000 000 000	0.9/ 0.34
262	0.04 0.02 -0.02 -0.02 -0.04 -2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0			
263	12.8 12.7 12.6 12.5 12.4 2002 2004 2006 2008 2010	12	04 03 value 00 0 01 -0.1 -0.2 -0.3 -1.5 -1.0 -0.5 00 0.5 10 15 Theoretical Quantiles	0.89 / <mark>0.0</mark>

eco- region	annual means of biomass dynamics	parameter a vs stand error	residuals plots for biomass (raw data)	Shapiro-Wilk test for residuals: test statistic W / p-value
313	10 15 5 10 10 10 10 10 10 10 10 10 10 10 10 10 1	18 16 14 12 10 08 06 06 06 10 15 20	0.025	0.68 / <mark>0.0</mark>
315	0.04 0.02 0.00 -0.02 -0.04 -2.0 -i.5 -i.0 -0.5 00 0.5 10 1.5 2.0			
321	95 90 80 2002 2004 2006 2008 2010 2012	18	0.59 0 0.55 0 0.	0.66 / <mark>0.0</mark>
322	99 98 97 96 95 2002 2004 2006 2008 2010 2012	16 - 14 - 12 - 10 - 08 - 06 - 04 - 0220 -15 -10 -05 00 05 10 15 20	03 02 90 00 00 00 00 00 00 00 00 00 00 00 00	0.95 / <mark>0.02</mark>
331	10.8 10.4 10.2 10.0	200 1.75 1.50 1.25 1.00 0.75 0.50 0.25 -2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0	15 10 10 10 10 10 10 10 10 10 10 10 10 10	0.73 / <mark>0.0</mark>

eco- region	annual means of biomass dynamics	parameter a vs stand error	residuals plots for biomass (raw data)	Shapiro-Wilk test for residuals: test statistic W / p-value
332	11 1 1 10 0 10 10 10 10 10 10 10 10 10 1	18 16 14 12 10 08 06 06 07 10 15 20 08 07 10 15 20 08 08 08 10 15 20 08 08 10 15 20 08 08 10 15 20 08 08 10 15 20 08 08 10 15 20 08 08 10 15 20 08 10 10 15 20 10 10 10 10 10 10 10 10 10 10 10 10 10	15 10 - 10 10 10 10 10 10 10 10 10 10 10 10 10	0.78 / <mark>0.0</mark>
341	10.45 10.40 10.35 10.30 2000 2002 2004 2006 2008 2019 2012	16 14 12 10 08 06 06 06 07 10 15 20 07	05	0.55 / <mark>0.0</mark>
342	10 4 10 3 - 10 2 2 10 1 20 2 20 2 20 4 20 6 20 8 20 10 20 12 20 12 20 20 20 20 20 20 20 20 20 20 20 20 20	200 - 175 - 150 -	10 08 06 06 00 02 02 -04 -20 -15 -10 -05 00 05 10 15 20 Theoretical Quantiles	0.78 / <mark>0.0</mark>
411	11.3 11.1 11.0 10.9 10.8 10.7 10.6 13970 1988 13990 2000 2010	200 175 150 125 100 075 050 025 -20 -15 -10 -05 00 05 10 15 20	10 05 -10 -15 -15 -10 -15 -10 -15 -10 -15 -10 -15 -10 -15 -10 -15 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	0.89 / 0.0
M211	11.7 11.6 11.5 11.4 11.3 11.2	16 14 12 10 08 06 04 02 -20 -15 -10 -05 00 05 10 15 20	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.67 / <mark>0.0</mark>

eco- region	annual means of biomass dynamics	parameter a vs stand error	residuals plots for biomass (raw data)	Shapiro-Wilk test for residuals: test statistic W / p-value
M221	11.9 11.8 11.7 11.6 11.5 11.4 11.3 11.2	14 12 10 08 06 04 02 -20 -15 -10 -05 00 05 10 15 20	2 - 1 - 2 - 1 - 0 1 2 3 heoretical Quantiles	0.67 / <mark>0.0</mark>
M223	11.60 11.55 11.45 11.40 2000 2002 2004 2006 2008 2010 2012	12 10 08 06 06 06 06 10 15 20 06 06 10 15 20	05 - 00 - 00 - 00 - 00 - 00 - 00 - 00 -	0.53 / <mark>0.0</mark>
M231	11 45 11 40 11 35 11 30 11 35 11 30 11 35 11 30 11 35 11 30 11 35 11 30 11 35 11 30	18 16 14 12 10 08 08 00 05 10 15 20	Supplement O particular of theoretical Quantiles	0.62 / 0.0
M242	12.38 12.36 12.34 12.32 12.30 12.26 2002 2004 2006 2008 2010	25 20- 15- 10- 05- -20 -15 -10 -05 00 05 10 15 20	10 0.5 salpase 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.77 / <mark>0.0</mark>

eco- region	annual means of biomass dynamics	parameter a vs stand error	residuals plots for biomass (raw data)	Shapiro-Wilk test for residuals: test statistic W / p-value
M261	120 - 118   116   114   112 - 110   106   2008   2010   2012	200 - 175 - 150 - 155 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -	15 10 35 35 30 40 405 10 -15 -2 0 10 10 10 10 10 10 10 10 10 10 10 10 10	0.58 / <mark>0.0</mark>
M262	11.4 - 11.0 - 2002 2004 2006 2008 2010	16 14 12 10 08 06 06 04 02 10 15 20 08 10 15 20	010- 000- 000- 000- 000- 000- 000- 000-	0.95 / 0.65
M313	11 0 - 10 9 - 10 8 - 10 7 - 10 6 - 2002 2004 2006 2008 2010 2012	175 150 125 100 075 050 025 -20 -15 -10 -65 60 05 10 15 20	04 02 100 100 100 100 100 100 100 100 100	0.72 / <mark>0.0</mark>
M331	11 25 - 11 10 11 15 11 10 11 10 5 11 10 10 10 5 2000 2010 201	18 16 14 12 10 08 06 06 04 02 02 00 05 10 15 20	15 10	0.73 / <mark>0.0</mark>
M332	11.45 11.40 11.35 11.30 2002 2004 2006 2008 2010 2012	18 - 16 - 14 - 12 - 10 - 08 - 08 - 08 - 10 15 20 - 20 - 15 - 10 - 05 00 05 10 15 20	10 05 10 05 00 00 00 00 00 00 00 00 00 00 00 00	0.56 / <mark>0.0</mark>

eco- region	annual means of biomass dynamics	parameter a vs stand error	residuals plots for biomass (raw data)	Shapiro-Wilk test for residuals: test statistic W / p-value
M333	11.700 11.675 11.650 11.625 11.625 11.525 11.525 11.525 11.525 11.525 11.525 11.525 11.525	200 175 150 125 100 05 10 15 20 -20 -15 -10 -05 00 05 10 15 20	0 4	0.82 / <mark>0.0</mark>
M334	11.1 11.0 10.9 10.8 10.7 10.6 1399.0 1997.5 2000.0 2002.5 2009.0 2007.5 2010.0 2012.5	14 - 12 - 10 - 08 - 06 - 04 - 02 - 20 - 15 - 10 - 05 - 00 - 05 - 10 - 15 - 20	10 05 00 00 00 00 00 01 00 01 01 01 01 01 01	0.62 / <mark>0.0</mark>
M341	11.0 10.9 10.8 10.7 10.6 10.5 10.4 2000 2002 2004 2006 2008 2010 2012	16 - 14 - 12 - 10 - 05 - 00 - 05 - 10 - 15 - 20 - 15 - 10 - 05 - 00 - 05 - 10 - 15 - 20	0.00 - 30 - 0.50 - 0.50 - 0.50 - 0.15	0.66 / 0.0