eco- region	number of observ.	standard error sigma vs parameter a	residual plots (basal area, individual patches)	Shapiro-Wilk test for residuals: test statistic W / p-value
211	14060	14 12 10 08 06 04 02 -20 -15 -10 -05 00 05 10 15 20	2 - 1 - 1 - 1 - 2 - 1 - 1 - 1 - 2 - 3 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0 - 1 - 2 - 2 - 1 - 0	0.71 / <mark>0.0</mark>
212	82401	14 12 10 08 06 04 02 -20 -15 -10 -05 00 05 10 15 20	2 - 1 - 2 - 2 - 1 - 0 1 2 3 4 Theoretical Quantiles	0.68 / <mark>0.0</mark>
221	20646	14 12 10 08 06 06 04 02 -20 -15 -10 -05 00 05 10 15 20	2 - 1 - 1 - 1 - 2 - 3 - 2 - 1 0 1 2 3 Theoretical Quantiles	0.65 / <mark>0.0</mark>
222	23594	14 12 10 08 06 06 04 02 -20 -is -i0 -ds 00 0's 10 15 20	15 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	0.75 / <mark>0.0</mark>
223	24766	12- 10- 08- 06- 04- 02- -20 -15 -10 -65 00 05 10 15 20	15 10 10 10 10 10 10 10 10 10 10 10 10 10	0.69 / 0.0

eco- region	number of observ.	standard error sigma vs parameter a	residual plots (basal area, individual patches)	Shapiro-Wilk test for residuals: test statistic W / p-value
231	54649	14 - 12 - 10 - 08 - 06 - 06 - 07 - 15 - 10 - 05 00 05 10 15 20	3 - 2 - 1 - 1 - 2 - 3 - 4 - 3 - 2 - 1 - 0 1 2 3 4 Theoretical Quantiles	0.79 / <mark>0.0</mark>
232	91856	18 16 14 12 10 08 06 04 -20 -15 -10 -05 00 05 10 15 20	4 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 3 - 4 - 3 - 2 - 2 - 3 - 1 - 2 - 3 - 4 - 3 - 2 - 2 - 3 - 4 - 3 - 2 - 3 - 2 - 3 - 2 - 3 - 3 - 2 - 3 - 3	0.85 / 0.0
234	2605	16 - 14 - 12 - 10 - 08 - 06 - 0420 -15 -10 -05 00 05 10 15 20	Theoretical Quantiles	0.72 / <mark>0.0</mark>
242	544	175 - 150 - 125 - 100 - 05 - 00 - 05 - 10 - 15 - 20	05 04 03 02 00 01 00 01 00 05 10 015 mercetcal Quantiles	0.81 / <mark>0.01</mark>
251	9855	14 - 12 - 10 - 08 - 08 - 08 - 08 - 08 - 08 - 09 - 15 - 10 - 05 - 00 - 05 - 10 - 15 - 20	2 - 1 - 2 - 1 - 1 - 2 3 Theoretical Quantiles	0.76 / <mark>0.0</mark>

eco- region	number of observ.	standard error sigma vs parameter a	residual plots (basal area, individual patches)	Shapiro-Wilk test for residuals: test statistic W / p-value
255	2846	16 14 12 10 08 06 04 02 -20 -15 -10 -65 00 05 10 15 20	15 10 10 10 10 10 10 10 10 10 10	0.76 / <mark>0.0</mark>
261	144	20- 15- 10- 05- 00- -20-15-10-65 00 05 10 15 20	004 - 002 - 000 -	0.93 / 0.55
262	5	0.04	0.04 - 0.02 - 0.00 - -0.02 - -0.04 -0.02 0.00 0.02 0.04	
263	418	10	03 02 101 -01 -02 -15 -10 -05 00 05 10 15 Theoretical Quantiles	0.96 / 0.29
313	3499	14 12 10 08 06 06 06 10 15 20 08 10 15 20	0.75 - 0.50 - 0.50 - 0.25 - 0.050 - 0.25 - 0.50 - 0.25 - 0.50 - 0.25 - 0.50 - 0.25 - 0.50 - 0.25 - 0.50 - 0	0.64 / <mark>0.0</mark>

eco- region	number of observ.	standard error sigma vs parameter a	residual plots (basal area, individual patches)	Shapiro-Wilk test for residuals: test statistic W / p-value
315	3597	0.00 - 0.	0.04 - 0.02 - 0.00 - 0.02 - 0.04 - 0.02 - 0.00 0.02 0.04	
321	1509	14 - 12 - 10 - 08 - 06 - 04 - 02 - 20 - 15 - 18 - 65 00 05 10 15 20	0.50 0.25 0.00 0.00 0.00 0.00 0.00 0.00	0.63 / <mark>0.0</mark>
322	470	14 - 12 - 10 - 08 - 06 - 04 - 0220 -15 -10 -05 00 05 10 15 20	03 02 02 00 00 00 00 00 00 00 00 00 00 00	0.91 / <mark>0.0</mark>
331	1819	18 18 18 18 18 18 18 18	10 - 05 - 05 - 05 - 05 - 05 - 05 - 05 -	0.73 / <mark>0.0</mark>
332	1565	16 14 12 10 - 08 - 08 - 06 - 08 - 09 - 05 - 10 - 15 - 20 - 15 - 10 - 05 - 00 - 05 - 10 - 15 - 20	15 10 10 05 05 00 00 00 00 00 00 00 00 00 00 00	0.8 / <mark>0.0</mark>

eco- region	number of observ.	standard error sigma vs parameter a	residual plots (basal area, individual patches)	Shapiro-Wilk test for residuals: test statistic W / p-value
341	2338	14 12 10 08 06 06 06 06 06 06 10 15 20	15 - 10 - 10	0.47 / <mark>0.0</mark>
342	927	175 - 150 - 125 - 100 - 05 100 15 20	10 08 06 06 00 04 00 02 00 00 02 04 00 00 00 00 00 00 00 00 00 00 00 00	0.72 / 0.0
411	585	18 16 - 14 - 12 - 10 - 08 - 06 - 0420 - 15 - 10 - 05 - 00 - 05 - 10 - 15 - 20	10	0.87 / <mark>0.0</mark>
M211	10345	12 10 08 06 04 02 -20 -15 -10 -05 00 05 10 15 20	20 115 10 - 10 - 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.71 / 0.0
M221	23137	10 - 08 - 06 - 04 - 02 - 20 -15 -10 -65 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	0.68 / 0.0

eco- region	number of observ.	standard error sigma vs parameter a	residual plots (basal area, individual patches)	Shapiro-Wilk test for residuals: test statistic W / p-value
M223	1268	10 08 08 06 06 06 06 06 10 15 20 07 07 07 08 00 06 10 15 20	10 - 0.5	0.55 / <mark>0.0</mark>
M231	2040	14 - 12 - 10 - 08 - 08 - 00 - 05 10 15 20	2 - 1 - 2 - 1 0 1 2 3 Theoretical Quantiles	0.64 / <mark>0.0</mark>
M242	5148	16 14 12 10 08 06 06 04 02 -20 -15 -10 05 00 05 10 15 20	10 05 00 00 00 00 00 00 00 00 00 00 00 00	0.78 / <mark>0.0</mark>
M261	4755	16 14 12 10 08 06 06 04 02 -20 -15 -10 -05 00 05 10 15 20	10 05 00 00 00 00 00 00 00 00 00 00 00 00	0.65 / 0.0
M262	250	10	0.10 0.05 0.00	0.8 / <mark>0.01</mark>

eco- region	number of observ.	standard error sigma vs parameter a	residual plots (basal area, individual patches)	Shapiro-Wilk test for residuals: test statistic W / p-value
M313	2130	12 10 08 06 04 02 -20 -15 -10 -05 00 05 10 15 20	0.4 0.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.69 / <mark>0.0</mark>
M331	5470	14 12 10 08 06 06 04 02 -20 -15 -10 -05 00 05 10 15 20	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	0.73 / 0.0
M332	4416	14 12 10 08 06 04 02 -20 -15 -10 -65 00 05 10 15 20	10	0.56 / <mark>0.0</mark>
M333	3105	16 14 12 10 08 06 06 04 02 -20 -15 -10 -05 00 05 10 15 20	0.6 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 / <mark>0.0</mark>
M334	634	12	0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.68 / <mark>0.0</mark>

eco- region	number of observ.	standard error sigma vs parameter a	residual plots (basal area, individual patches)	Shapiro-Wilk test for residuals: test statistic W / p-value
M341	2472	14 12 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	025 - 000 - 11 - 025 - 000 - 0	0.55 / <mark>0.0</mark>