Supplementary Table 3. Explanatory variables chosen by the best 'soil temperature-air humidity' models (+) on the basis of AIC values for the area affected by Armillaria root rot in younger (YS) and older stands (OS)

No.	Model[a]	Growing season		Last growing season		Spring		Last spring		Summer		Last summer		Autumn		Last autumn	
		YS	OS	YS	OS	YS	OS	YS	OS	YS	OS	YS	OS	YS	OS	YS	OS
1	Area ~ Humidity + Temp soil + Humidity x Temp soil + Site + (1|Year)	+	–	–	–	+	–	–	–	–	–	–	–	–	–	–	–
2	Area ~ Humidity + Temp soil + Site + (1|Year)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	Area ~ Humidity + Site + (1|Year)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	Area ~ Temp soil + Site + (1|Year)	–	+	+	+	–	+	+	+	+	+	+	+	+	+	+	+
5	Area ~ Humidity + Temp soil + (1|Year)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	Area ~ Humidity + Temp soil + Humidity x Temp soil + (1|Year)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	Area ~ Humidity + (1|Year)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	Area ~ Temp soil + (1|Year)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	Area ~ Site + (1|Year)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	Area ~ (1|Year)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AIC		1,626.1	2,985.2	1,641.4	2,998.0	1,639.8	3,003.1	1,653.3	3,017.0	1,638.2	3,001.7	1,651.5	3,015.3	1,649.3	3,018.0	1,663.1	3,034.7

Following seasons were considered: growing season, last growing season, winter, last winter, spring, last spring, summer, last summer, autumn, last autumn.
Humidity, air humidity; Temp soil, soil temperature; Site, forest district.
AIC, Akaike information criterion; YS, younger stands ≤ 20 y; OS, older stands > 20 y.
[a]In each model 'Year' is a random factor.