

Table 1E. Probabilistic model coefficients.

Index	Species			
	<i>E. amstelodami</i>	<i>E. chevalieri</i>	<i>E. repens</i>	<i>E. rubrum</i>
McFadden	0.566	0.718	0.617	0.649
Nagelkerke	0.679	0.816	0.714	0.746
Accuracy	0.929	0.945	0.938	0.944
% Concordance	95.58	97.81	96.43	96.36

Table 2E. External validation of the predictive models from literature data.

a_w	T (°C)	Observed growth	P model	Culture media	Reference
<i>E. amstelodami</i>					
0.75	15	0	0.000	Sponge cake analogue	Abellana et al., 1999b
0.8	15	0	0.254		
0.85	15	1	0.959		
0.9	15	1	0.991		
0.75	25	0	0.048		
0.8	25	1	0.968		
0.85	25	1	0.999		
0.9	25	1	0.999		
0.775	15	0	0.018	Flour wheat-sucrose agar	Abellana et al., 1999a
0.8	15	0	0.311		
0.825	15	1	0.842		
0.85	15	1	0.969		
0.875	15	1	0.989		
0.9	15	1	0.992		
0.775	25	1	0.699		
0.8	25	1	0.976		
0.825	25	1	0.997		
0.85	25	1	0.999		
0.875	25	1	0.999		
0.9	25	1	0.999		
0.75	15	0	0.000	Sponge cake analogue	Marín et al, 2003
0.8	15	1	0.254		
0.85	15	1	0.959		
0.9	15	1	0.991		
0.75	25	0	0.048		
0.8	25	1	0.968		
0.85	25	1	0.999		
0.9	25	1	0.999		
0.8	25	1	0.864	Sponge cake analogue	Guynot et al., 2002
0.85	25	1	0.996		
0.9	25	1	0.998		
0.95	25	1	0.989		
<i>E. chevalieri</i>					
0.75	15	0	0.009	Sponge cake analogue	Abellana et al., 1999b
0.8	15	0	0.919		
0.85	15	1	0.998		
0.9	15	1	0.999		
0.75	25	0	0.531		
0.8	25	1	0.999		
0.85	25	1	0.999		
0.9	25	1	0.999		
0.775	15	0	0.047	Flour wheat-sucrose agar	Abellana et al., 1999a
0.8	15	0	0.544		
0.825	15	0	0.938		
0.85	15	0	0.999		
0.875	15	0	0.997		
0.9	15	1	0.998		
0.775	25	0	0.849		
0.8	25	1	0.993		

0.825	25	1	0.999		
0.85	25	1	0.999		
0.875	25	1	0.999		
0.9	25	1	0.999		
0.75	15	0	0.001	Sponge cake analogue	Marín et al, 2003
0.8	15	1	0.919		
0.85	15	1	0.998		
0.9	15	1	0.999		
0.75	25	1	0.531		
0.8	25	0	0.999		
0.85	25	1	0.999		
0.9	25	1	0.999		
<i>E. repens</i>					
0.8	25	1	0.000	Rye bread medium	Suhr and Nielsen, 2004
0.95	25	1	0.999		
0.97	25	1	0.997		
0.8	25	1	0.000	Sponge cake analogue	Guynot et al., 2002
0.85	25	1	0.000		
0.9	25	1	0.019		
<i>E. rubrum</i>					
0.8	25	1	0.646	Sponge cake analogue	Guynot et al., 2002
0.85	25	1	0.859		
0.9	25	1	0.953		
0.95	25	1	0.985		

Experiments have a duration ranged from 14 to 60 days.