

**S1 Table.** Summary of the non-linear regression analyses (increase rate  $r_i$  and bean mass losses) of the curves shown in Figures 1 and 2.

Parameters evaluated	Oil	Model	Estimated parameters ( $\pm$ SD)			$df_{\text{error}}$	$F$	$P$	$R^2$
			$a$	$b$	$y_0$				
Increase rate ( $r_i$ ) (Fig. 1)	<i>Clove</i>	$y = y_0 + a*x$	-0.001 ( $-10^{-3} - 5.10^{-4}$ )	-	0.1 (0.04 – 0.11)	4	54.1	0.005	0.95
	<i>Cinnamon</i>	$y = y_0 + a*x$	-0.001 ( $-10^{-3} - 2.10^{-4}$ )	-	0.1 (0.04 – 0.12)	4	30.1	0.01	0.91
Mass losses (Fig. 2)	<i>Clove</i>	$y = y_0 + a*\exp(-b*x)$	14.7 (13.1 – 16.3)	0.33 (0.02 – 0.04)	0.7 (-0.5 – 1.9)	4	110.4	0.009	0.99
	<i>Cinnamon</i>	$y = y_0 + a*x$	-0.08 (-0.09 – -0.06)	-	15.0 (12.6 – 17.5)	4	147.9	0.001	0.98