Non−linear fit using original Logan model

D(T) = e^{0.1775505T} − e^{(0.177655T−0.00319891)}

D(T) = e^{0.1785912T} − e^{(0.1786842T−0.00286443)}

D(T) = 0.002798T − 0.01806

D(T) = 0.002694T − 0.01869

Development rate (/day)

Temperature (°C)

Model coefficients

	males	females
ρ	0.1775505	0.1785912
T_{max}	30.6224207	30.7954235
δ	5.6288885	5.5964642

$$r(T) = e^{\rho T} - e^{[\rho T_{max} - \frac{T_{max}-T}{\delta}]}$$

0.0496
0.0469
24.99 25.2
6.45
6.94
30.62 30.8