

$$a(t) = \begin{cases} \log\left(e^{\alpha_0 - tV/L} + V_* \frac{1 - e^{-tV/L}}{V}\right) & \text{for the ageing law,} \\ (e^{-\frac{tV}{L}} - 1) \log \frac{V}{V_*} + \alpha_0 e^{-\frac{tV}{L}} & \text{for the slip law.} \end{cases}$$