

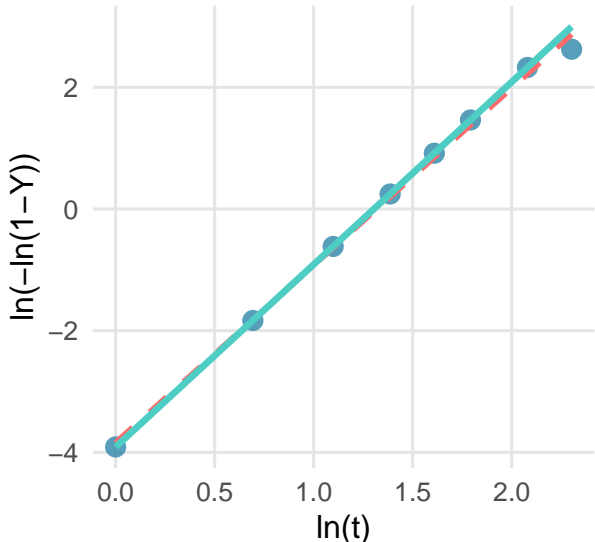
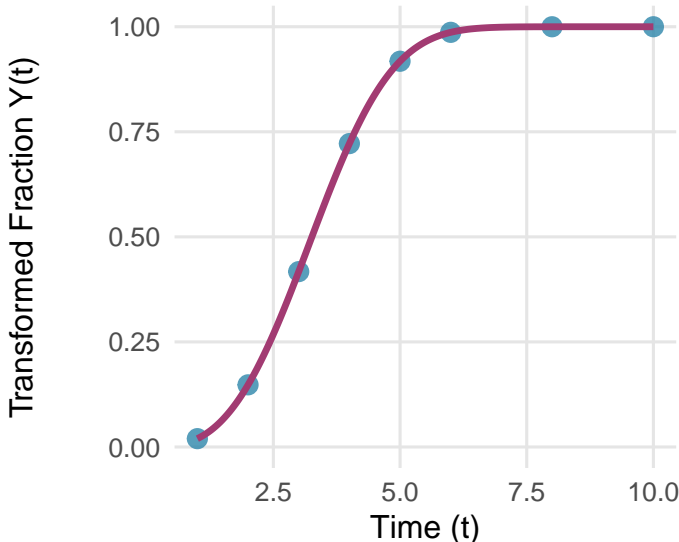
JMAK Model Analysis – Comprehensive Diagnostics

Method: nls | K = 0.02 | n = 3.000 | R² = 1.0000 | RMSE = 3.528e-07

JMAK Model Fit: $Y(t) = 1 - \exp(-Kt)$ **Linearization:** $\ln(-\ln(1-Y)) = \ln(K)$

K = 0.02, n = 3.000, Method: nls

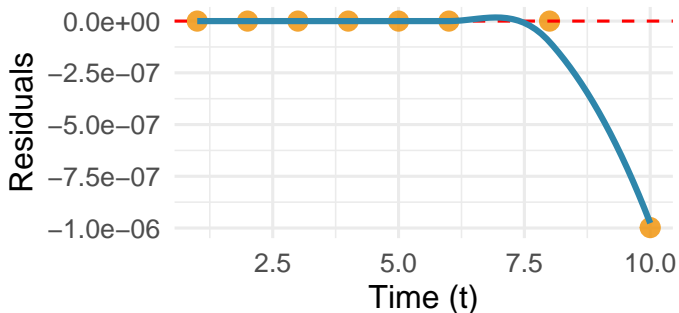
R²(linear) = 0.9974



— Linear Regression (lm) — Theoretical (from final p

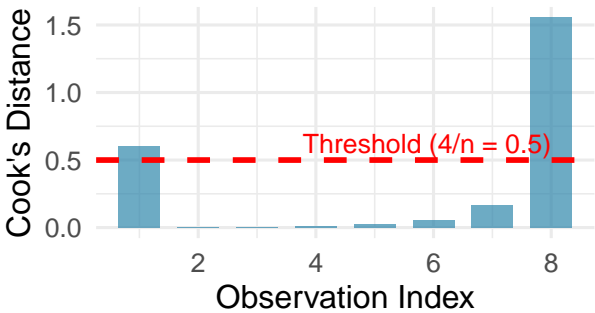
Residual Analysis

Residuals should be randomly scattered around zero.



Cook's Distance Analysis

Points above threshold may be influential.



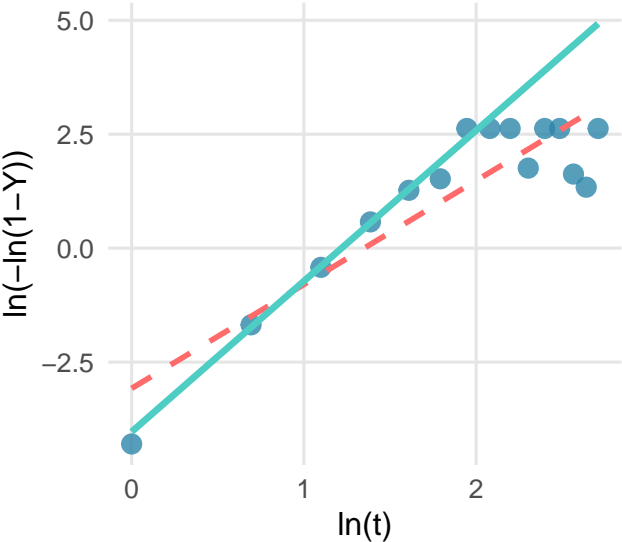
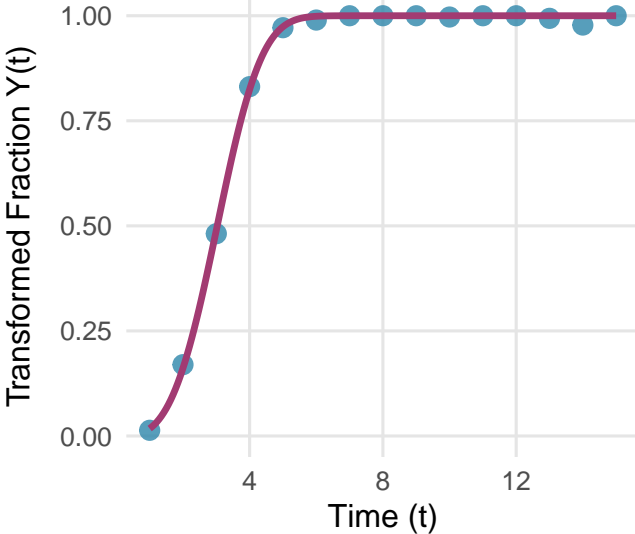
JMAK Model Analysis – Comprehensive Diagnostics

Method: nls | K = 0.01781 | n = 3.306 | R² = 0.9995 | RMSE = 0.007405

JMAK Model Fit: $Y(t) = 1 - \exp(-Kt^n)$ | **Araki Linearization:** $\ln(-\ln(1-Y)) = \ln(K)$

K = 0.01781, n = 3.306, Method: nls

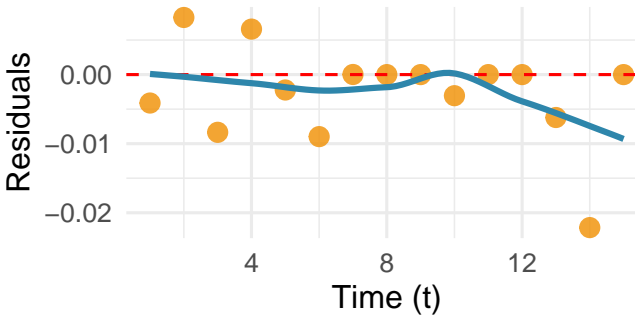
R²(linear) = 0.8187



— Linear Regression (lm) — Theoretical (from final p

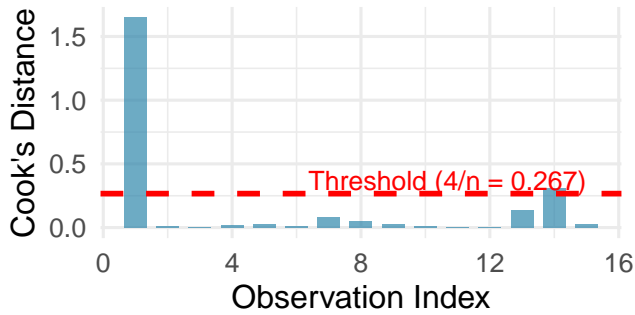
Residual Analysis

Residuals should be randomly scattered around zero



Cook's Distance Analysis

Points above threshold may be influential



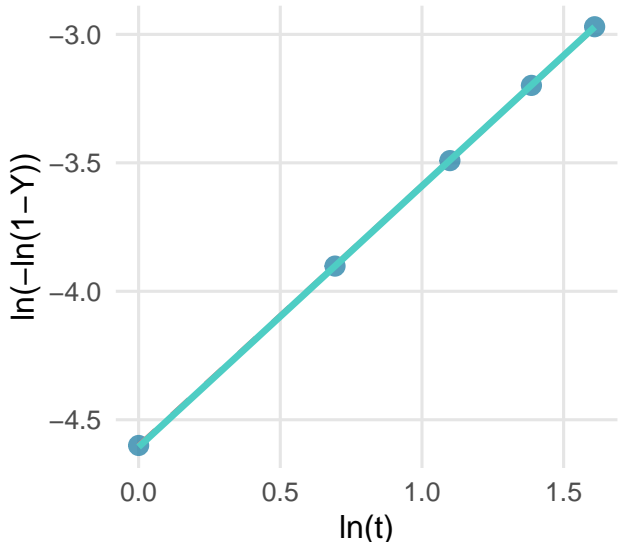
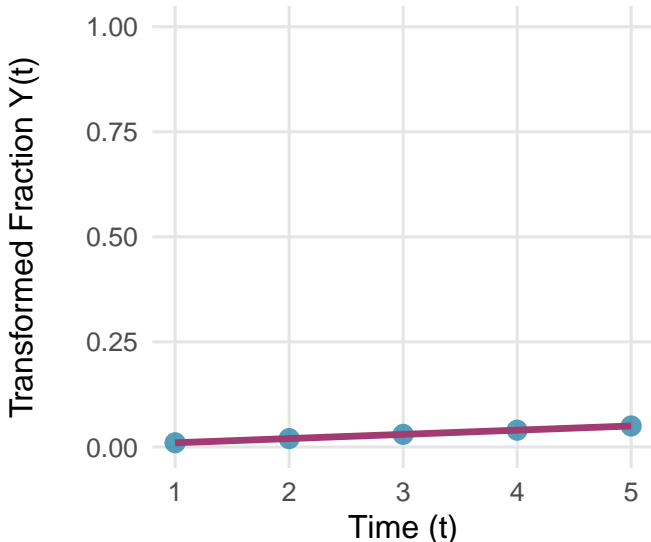
JMAK Model Analysis – Comprehensive Diagnostics

Method: nls | K = 0.009991 | n = 1.016 | R² = 1.0000 | RMSE = 3.948e-05

JMAK Model Fit: $Y(t) = 1 - \exp(-Kt^n)$ | **Log-Linear Linearization:** $\ln(-\ln(1-Y)) = \ln(K)$

K = 0.009991, n = 1.016, Method: nls

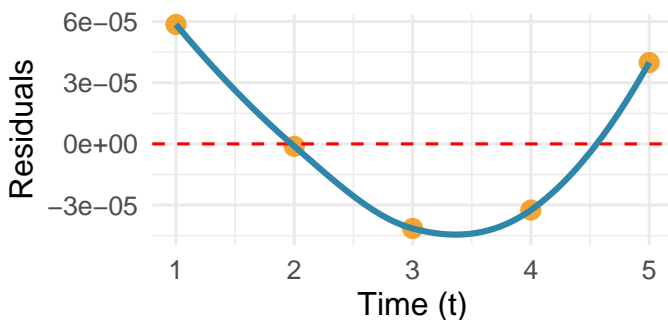
R²(linear) = 1.0000



— Linear Regression (lm) — Theoretical (from final p

Residual Analysis

Residuals should be randomly scattered around zero.



Cook's Distance Analysis

Points above threshold may be influential.

