

Transition Curve Fitting Tool: Results

User Information:

Date: 2021-03-29

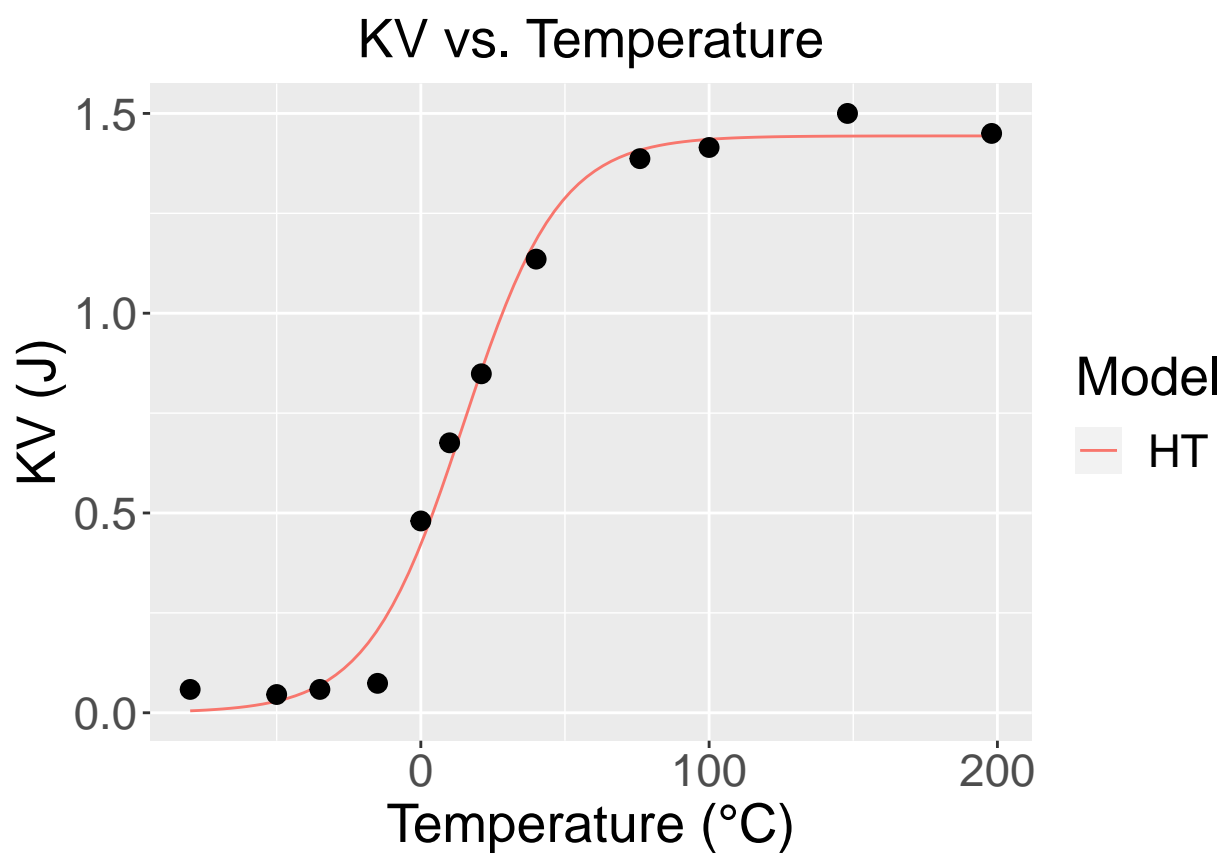
Starting Values for Optimization

Model: HT (Hyperbolic Tangent)

Parameter	Initial.Value
C (°C)	25.0
T0 (°C)	15.5
US	1.5

Shelf selection: The upper shelf was set to be not fixed, and the lower shelf was set to be fixed. The upper shelf value was initialized at 1.5 J and the lower shelf was set to be 0.04572 J.

Fitted Plot



Coefficients Table

Model	Coefficient	Estimate	S.E.	Lower CI	Upper CI
HT	C (°C)	33.3117	3.9690	26.9755	42.4220
HT	DBTT (°C)	14.7598	1.9175	11.2183	18.5898
HT	US	1.4895	0.0325	1.4307	1.5542

Fit Metrics Table

Model	RMSE	AIC	BIC	Converged?
HT	0.062	-62.329	-60.389	Yes

DBTT Table (°C)

Model	Estimate	S.E.	Lower CI	Upper CI
HT	14.7598	1.9175	11.2183	18.5898

Other Characteristic Temperatures Table (°C)

No additional characteristic temperatures selected.

Residuals

Model: HT

