Fit name: OCV vs SOC Curve Fitting

X data: SoC_OCV_x_axis

Y data: SoC_OCV_y_axis

Z data: (none)

Weights: (none)

Custom Equation

y = f(x)

```
1 k0 + k1 * 2.71828^(-1*alpha*(1-x))- k2/x
```

Fit Options...

Auto fit

Fit

Stop

Results

General model:
f(x) = k0 + k1 * 2.71828^(-1*alpha*(1-x))- k2/x
Coefficients (with 95% confidence bounds):
alpha = -0.000888 (-0.001661, -0.0001152)
k0 = 843.5 (112.8, 1574)
k1 = -839.4 (-1570, -108.7)
k2 = 0.0005308 (0.0004987, 0.0005629)

Goodness of fit:
SSE: 0.0007488
R-square: 1
Adjusted R-square: 1
RMSE: 0.000306

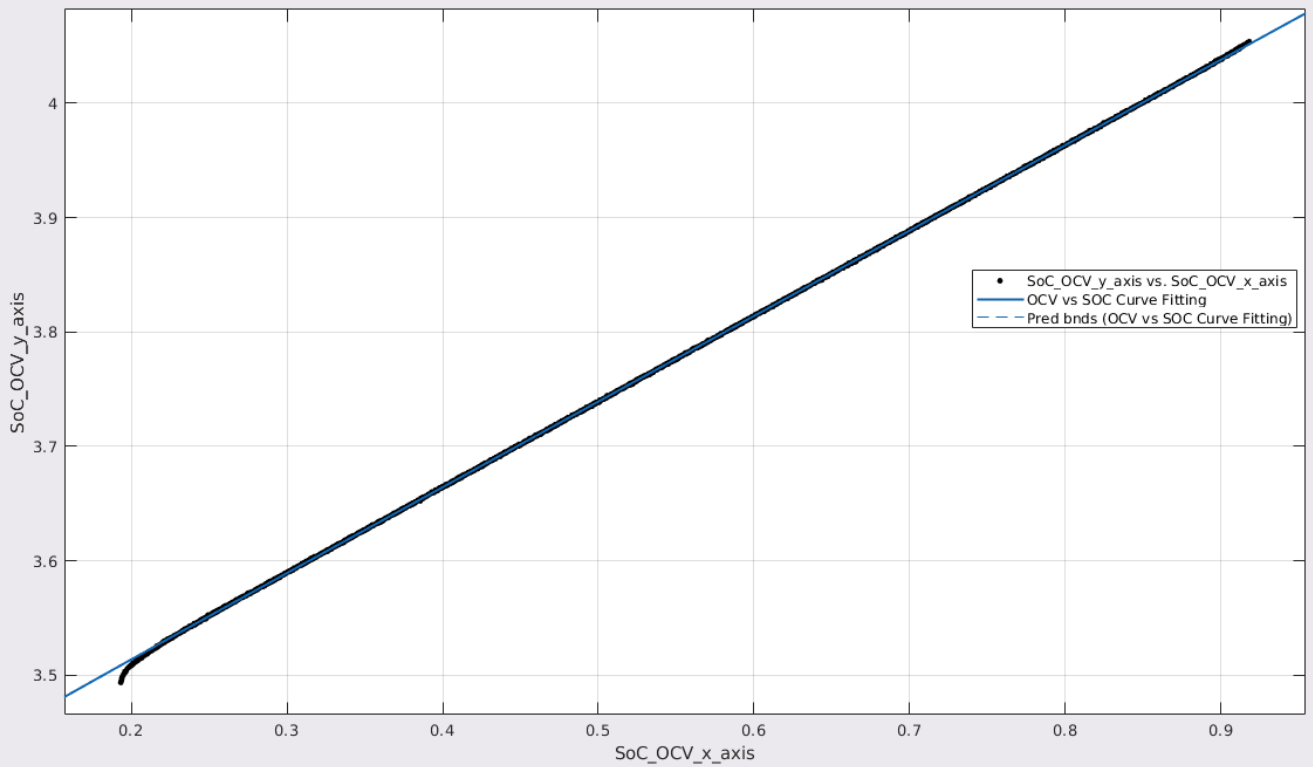

Table of Fits

Fit name	Data	Fit type	SSE	R-square	DFE	Adj R-sq	RMSE	# Coeff	Validation Data	Validation SSE	Validation RMSE
OCV vs SOC Curve Fi...	SoC_OCV_y_axis vs. So...	k0 + k1 * 2.71828^(-1...	7.4879e-04	1.0000	7996	1.0000	3.0602e-04	4			