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 a + b * (-log(x))^m + c * x + d * exp(n *(x-1))
```

Fit Options...

Auto fit

Fit

Stop

Results

Fit computation did not converge:
Fitting stopped because the number of iterations or function evaluations exceede

Fit found when optimization terminated:

General model:
f(x) = a + b * (-log(x))^m + c * x + d * exp(n *(x-1))
Coefficients (with 95% confidence bounds):
a = -1.501 (-83.94, 80.94)
b = -0.03322 (-0.04983, -0.01662)
c = -0.02213 (-5.762, 5.718)
d = 5.638 (-82.54, 93.82)
m = 0.9252 (0.7346, 1.116)
n = 0.1332 (-0.9376, 1.204)

Goodness of fit:
SSE: 0.001841
R-square: 1
Adjusted R-square: 1
RMSE: 0.0004798

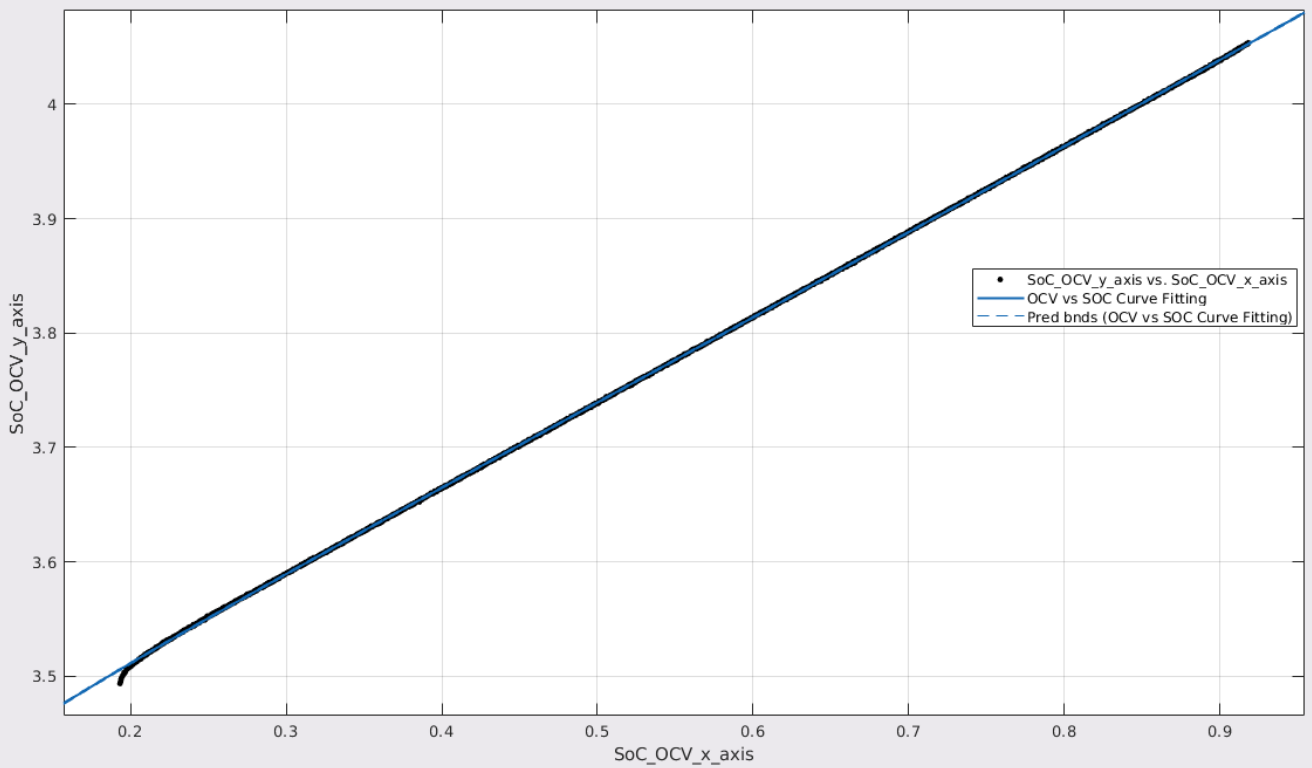

Table of Fits

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...	a + b * (-log(x))^m + c...	0.0018	1.0000	7994	1.0000	4.7984e-04	6			