Data vs Function	Parameter Space	Error over iterations
-1 -2 -3 -4	Incorrect dimensionality	
Parameters, dir, Delta	Iterations, corrections, α , β , LSTolerance, factor	
8.47402, 11.8914, 6.21528, -0.569594, -0.139643, -4.02956, -7.39591, -7.75994, -2.0466, -1.60484, -1.04083, 4.66999, 6.93424, 7.59041, 3.95765, -0.181025, 3.06488, -1.07807, -7.11515, -8.4199} {0.000230704, -0.000139851, 0.0000220212, -0.0000607255, -0.000128098, -0.000145879, -0.000137998, -0.000122025, -0.00010565, -0.0000916214, -0.0000807947, -0.0000733485, -0.000069562, -0.0000733316, -0.0000789118, -0.0000858786, -0.0000938437, -0.000102469, -0.000111472, -0.000120627, -0.000129761, -0.000138747, -0.000147497} {-0.0000518037, -0.000957027, 0.00269035, -0.00214359, -0.00155542, 0.000630129, 0.00160169, 0.00122045, 0.000234389, -0.000705332, -0.00127112, -0.00139428, -0.0011498, -0.000668079, -0.0000834451, 0.000489849, 0.000965238, 0.00128305, 0.00140622, 0.00131514, 0.00100289, 0.000471251, -0.0002723, -0.00121683, -0.00234951}	{22, 0} {	{0.183727, 47.7114}

```
Frequency indices: {1, 14, 17, 20, 23, 26}
```

Data frequencies: {0., 84.1947, 97.0124, 122.396, 135.214, 153.812}

Not Normalized

```
TrueParams \{-4.10999, 0.327639, 2.1885, -2.24018, -2.6774, 2.96284, 4.1694, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.95869, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799, -1.00799
```

0.679219, 4.17977, 4.98623, -1.76889, 0.137097, -0.619266, 4.05242, 2.03519, -3.8737, -3.14703, -2.81197, -1.88897, 3.31392, -1.52548, -3.98041, -0.155214} InitialParams {-0.14669, 3.4656, -4.77229, -1.35094, 1.38073, 4.92056, 4.90468, 1.54529, -0.500348,

4.32407, 3.1182, 0.452772, -0.864322, 2.8027, 0.68231, -1.33811, 2.14334, 2.79716, 2.62958, -0.947285, -4.1125, 1.02399, -0.337219, -2.74343, 0.380607}

FitFunction: #2 + #1*#3 + #1^2*#4 + #1^3*#5 + #1^4*#6 + #1^5*#7 + #1^6*#8 + #1^7*#9 + #1^8*#10 + #1^9*#11 + #1^10*#12 +

#1^11∗#13 + #1^12∗#14 + #1^13∗#15 + #1^14∗#16 + #1^15∗#17 + #1^16∗#18 + #1^17∗#19 + #1^18∗#20 + #1^19∗#21 + #1^20∗#22 + #1^21∗#23 + #1^22∗#24 + #1^23∗#25 + #1^24∗#26 & LSTemp and LSTolerance: 0.005 0.001