Candidate function #20

1.0*(a2**(a1 + a3*tanh(a5*((x0 - 1568.5) * 0.000145275)) + ((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a4 + ((x0 - 1568.5) * 0.000145275))))

SymbolFit

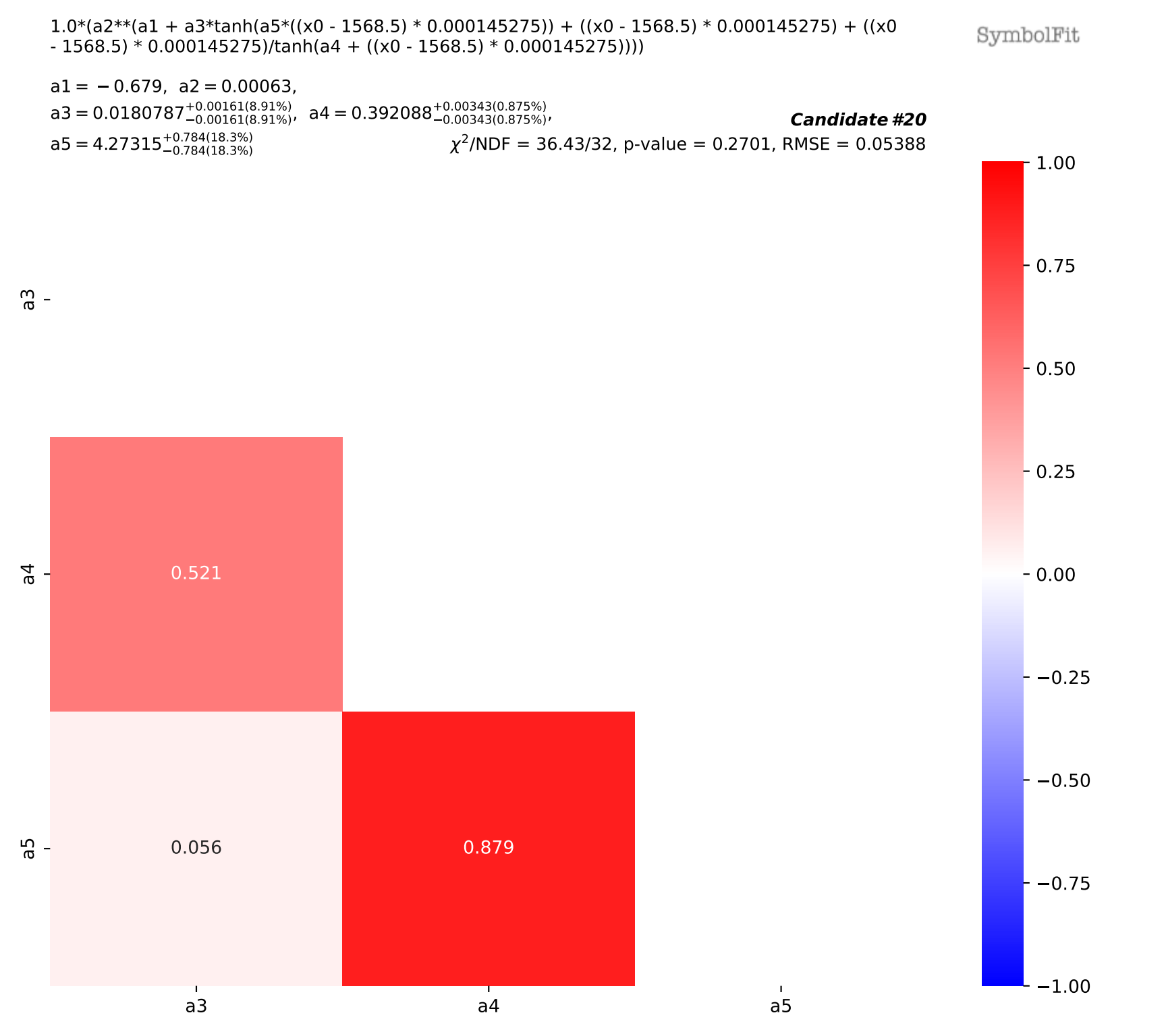
$a1 = -0.679,\ a2 = 0.00063,$

$a3 = 0.0180787^{+0.00161(8.91\%)}_{-0.00161(8.91\%)},\ a4 = 0.392088^{+0.00343(0.875\%)}_{-0.00343(0.875\%)},$

$a5 = 4.27315^{+0.784(18.3\%)}_{-0.784(18.3\%)}$

Candidate #20

χ^2/NDF = 36.43/32, p-value = 0.2701, RMSE = 0.05388



Candidate function #19

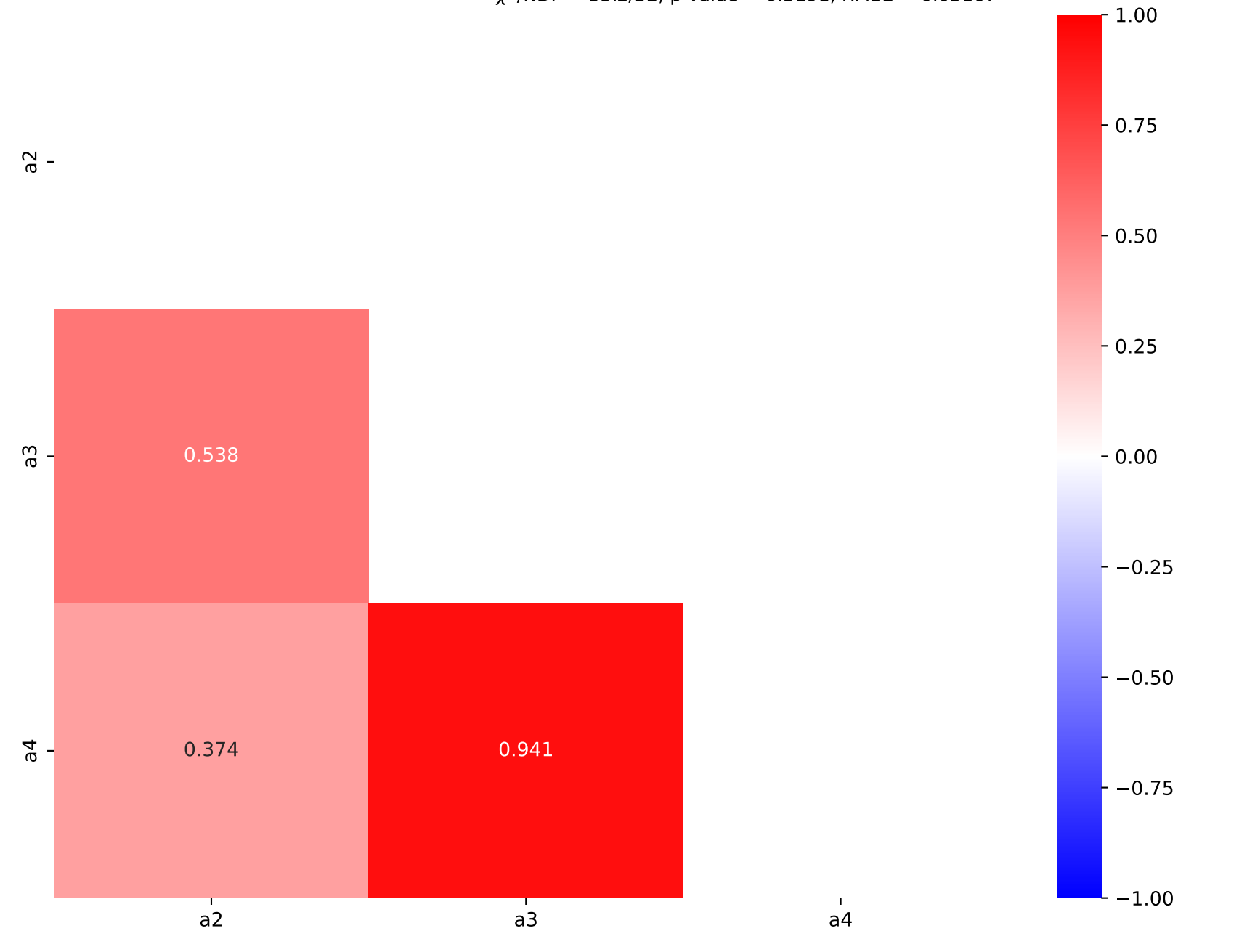
1.0*(a2**(a1 + a4*((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a3 + ((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.679$, $a2 = 0.000627721^{+6.06e-07(0.0965\%)}_{-6.06e-07(0.0965\%)}$,
$a3 = 0.381219^{+0.000983(0.258\%)}_{-0.000983(0.258\%)}$, $a4 = 1.03087^{+0.0035(0.34\%)}_{-0.0035(0.34\%)}$

Candidate #19

χ^2/NDF = 35.2/32, p-value = 0.3191, RMSE = 0.03167



Candidate function #18

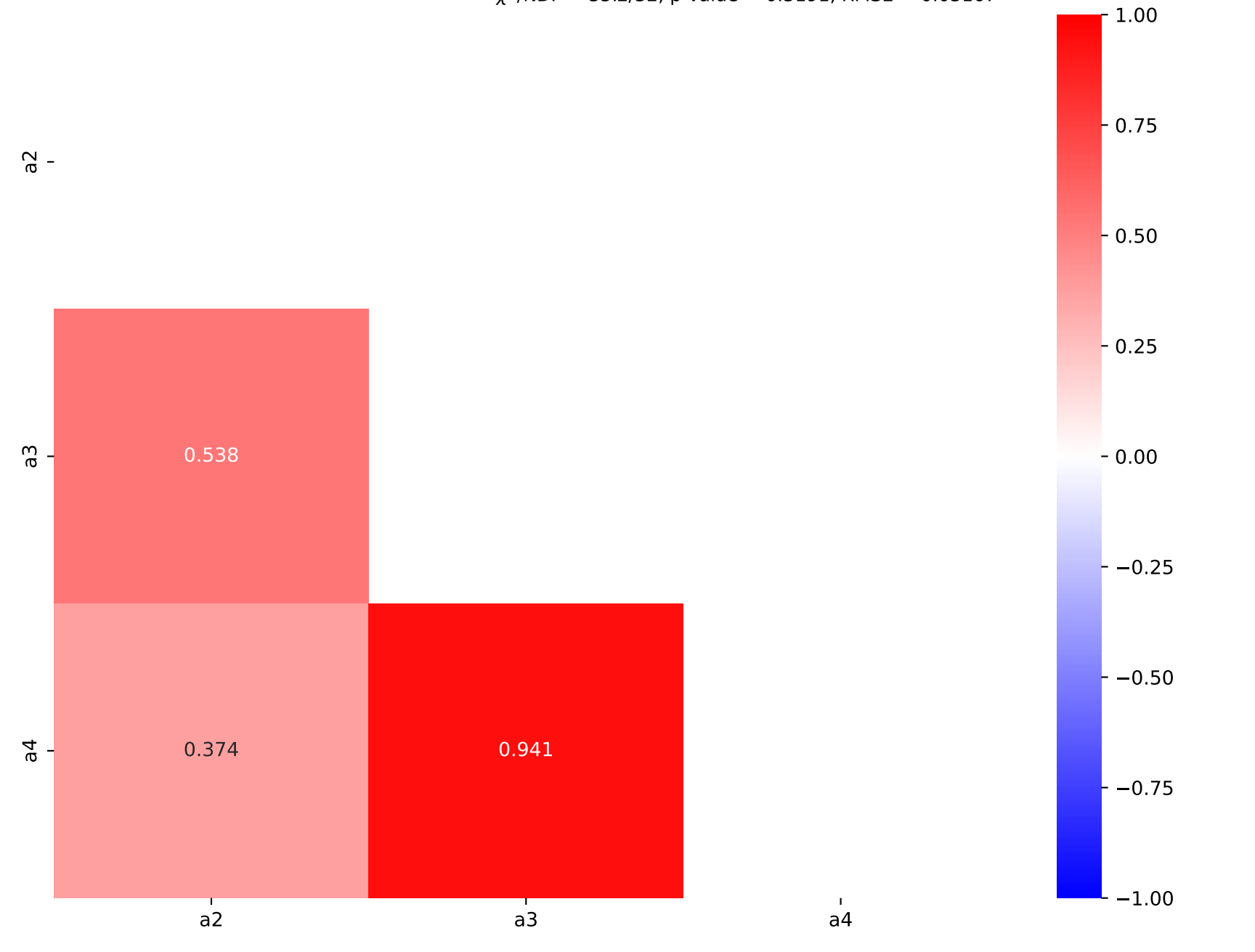
1.0*(a2**(a1 + a4*((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a3 + ((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.679$, $a2 = 0.000627721^{+6.06e-07(0.0965\%)}_{-6.06e-07(0.0965\%)}$,
$a3 = 0.381219^{+0.000983(0.258\%)}_{-0.000983(0.258\%)}$, $a4 = 1.03087^{+0.0035(0.34\%)}_{-0.0035(0.34\%)}$

Candidate #18

χ^2/NDF = 35.2/32, p-value = 0.3191, RMSE = 0.03167



Candidate function #17

1.0*(a2**(a1 + a4*((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a3 + ((x0 - 1568.5) * 0.000145275))))

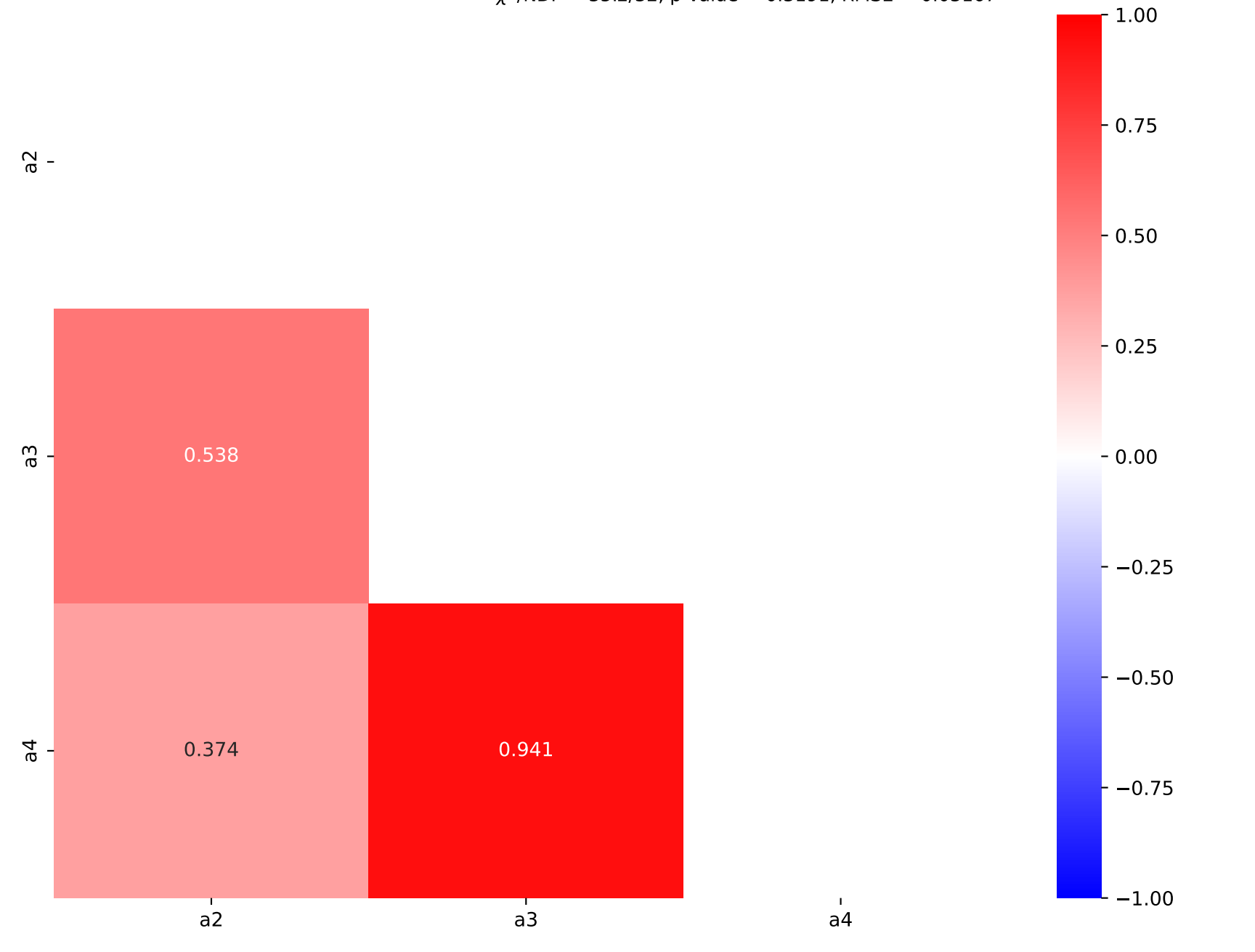
SymbolFit

$a1 = -0.679,\ a2 = 0.000627721^{+6.06e-07(0.0965\%)}_{-6.06e-07(0.0965\%)},$

$a3 = 0.381219^{+0.000983(0.258\%)}_{-0.000983(0.258\%)},\ a4 = 1.03087^{+0.0035(0.34\%)}_{-0.0035(0.34\%)}$

Candidate #17

χ^2/NDF = 35.2/32, p-value = 0.3191, RMSE = 0.03167



Candidate function #16

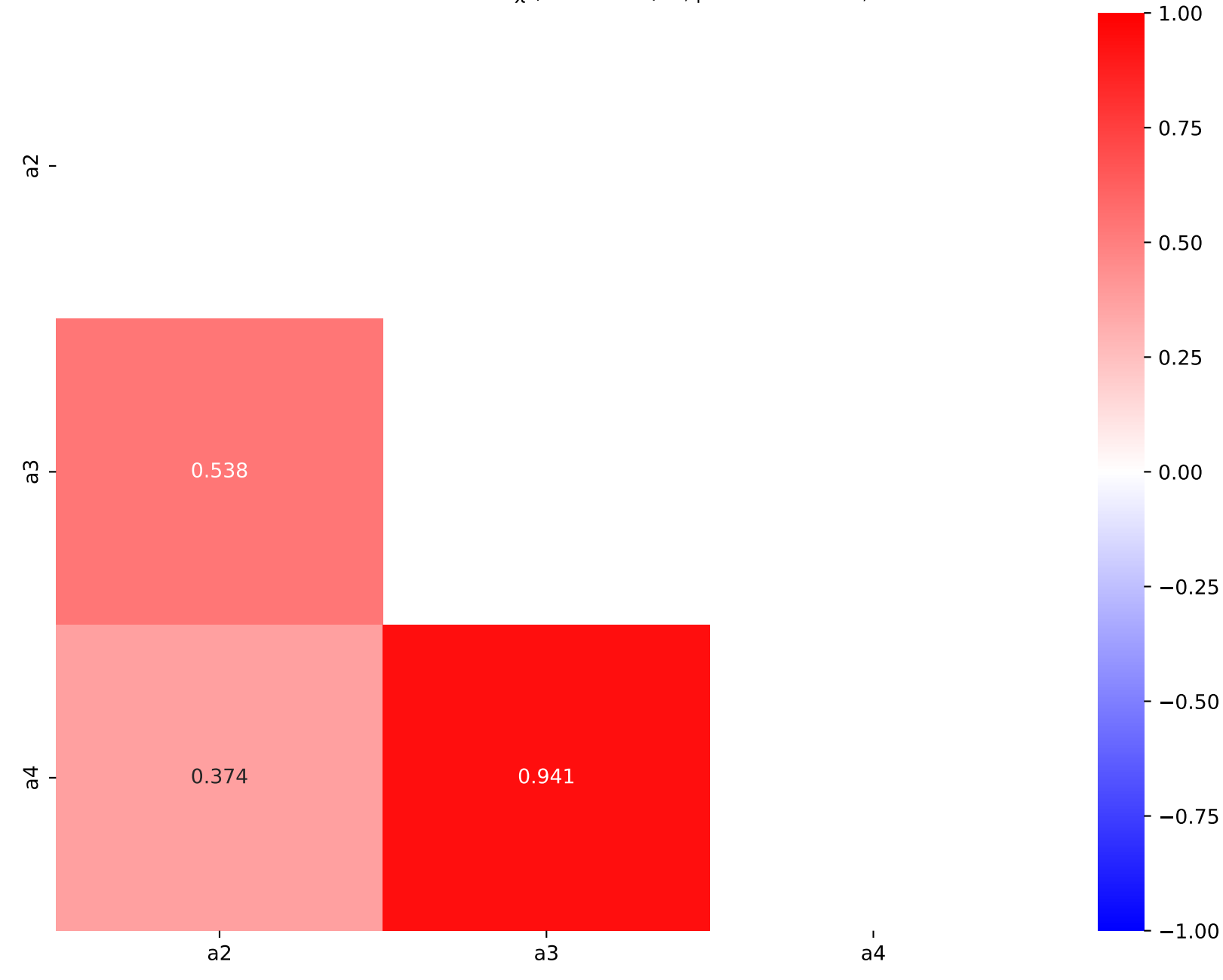
1.0*(a2**(a1 + a4*((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a3 + ((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.679$, $a2 = 0.000627721^{+6.06e-07(0.0965\%)}_{-6.06e-07(0.0965\%)}$,
$a3 = 0.381219^{+0.000983(0.258\%)}_{-0.000983(0.258\%)}$, $a4 = 1.03087^{+0.0035(0.34\%)}_{-0.0035(0.34\%)}$

Candidate #16

χ^2/NDF = 35.2/32, p-value = 0.3191, RMSE = 0.03167



Candidate function #15

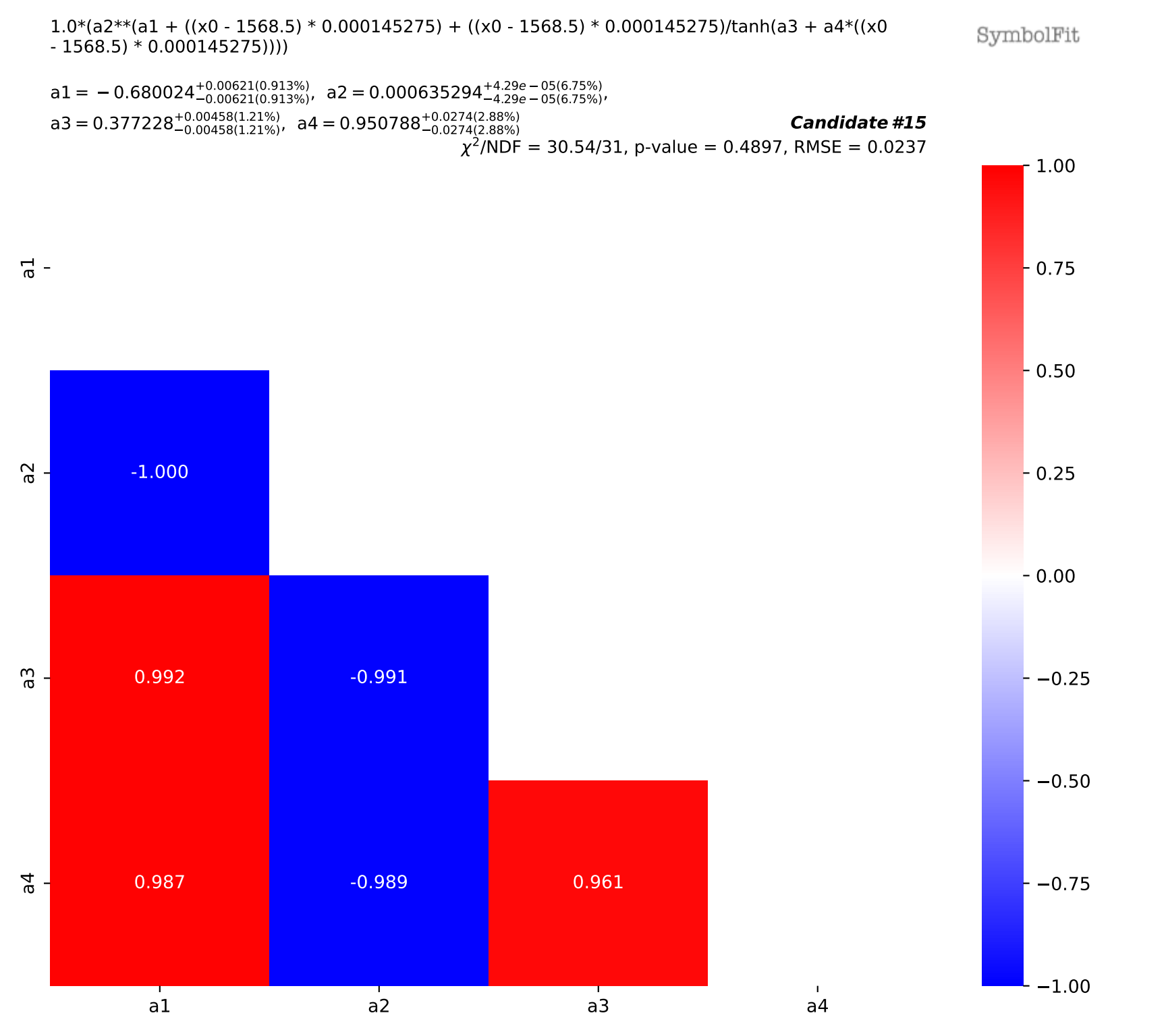
1.0*(a2**(a1 + ((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a3 + a4*((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.680024^{+0.00621(0.913\%)}_{-0.00621(0.913\%)}$, $a2 = 0.000635294^{+4.29e-05(6.75\%)}_{-4.29e-05(6.75\%)}$,
$a3 = 0.377228^{+0.00458(1.21\%)}_{-0.00458(1.21\%)}$, $a4 = 0.950788^{+0.0274(2.88\%)}_{-0.0274(2.88\%)}$

Candidate #15

χ^2/NDF = 30.54/31, p-value = 0.4897, RMSE = 0.0237



Candidate function #14

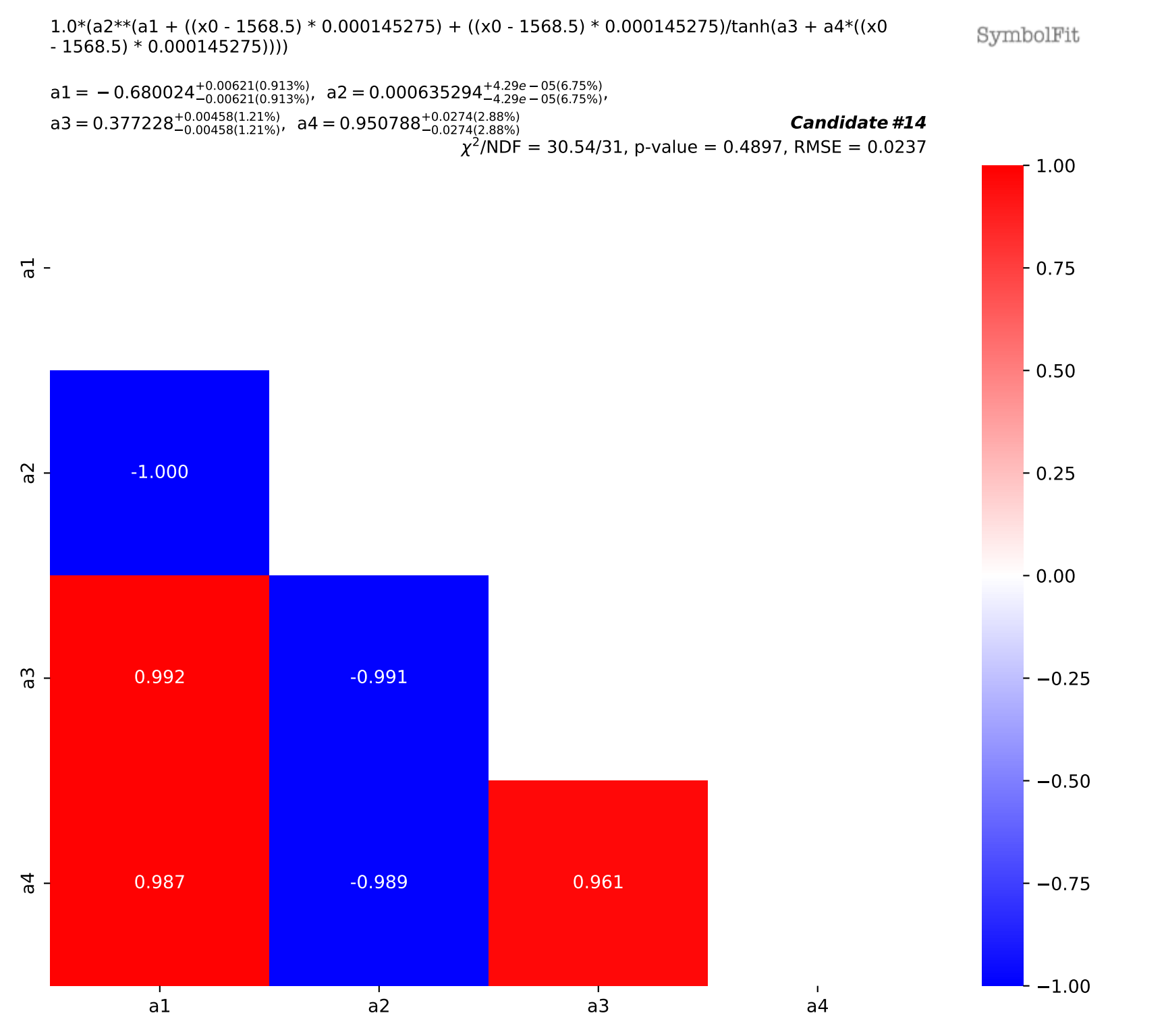
1.0*(a2**(a1 + ((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a3 + a4*((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.680024^{+0.00621(0.913\%)}_{-0.00621(0.913\%)}$, $a2 = 0.000635294^{+4.29e-05(6.75\%)}_{-4.29e-05(6.75\%)}$,
$a3 = 0.377228^{+0.00458(1.21\%)}_{-0.00458(1.21\%)}$, $a4 = 0.950788^{+0.0274(2.88\%)}_{-0.0274(2.88\%)}$

Candidate #14

χ^2/NDF = 30.54/31, p-value = 0.4897, RMSE = 0.0237



Candidate function #13

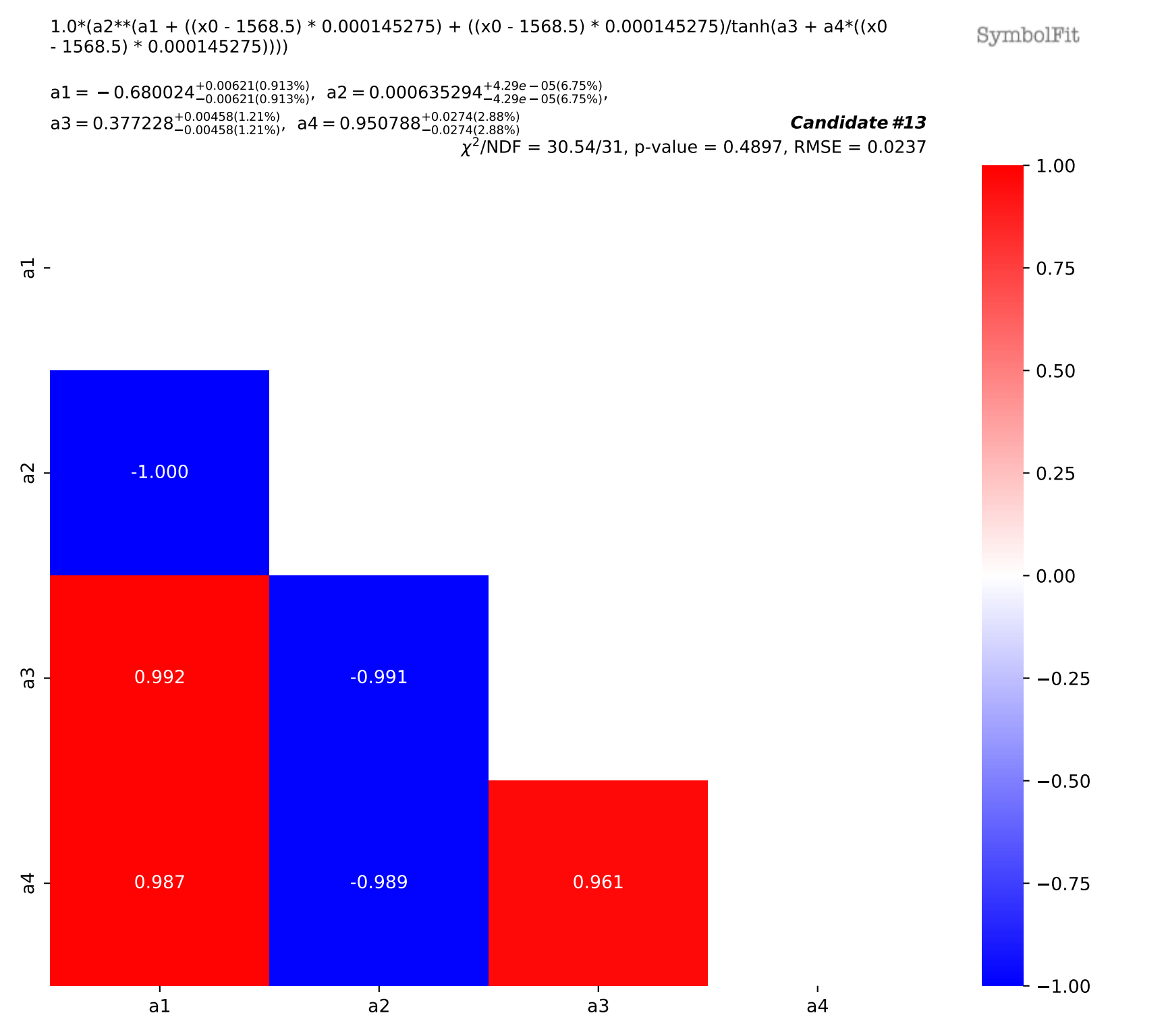
1.0*(a2**(a1 + ((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a3 + a4*((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.680024^{+0.00621(0.913\%)}_{-0.00621(0.913\%)}$, $a2 = 0.000635294^{+4.29e-05(6.75\%)}_{-4.29e-05(6.75\%)}$,
$a3 = 0.377228^{+0.00458(1.21\%)}_{-0.00458(1.21\%)}$, $a4 = 0.950788^{+0.0274(2.88\%)}_{-0.0274(2.88\%)}$

Candidate #13

χ^2/NDF = 30.54/31, p-value = 0.4897, RMSE = 0.0237



Candidate function #12

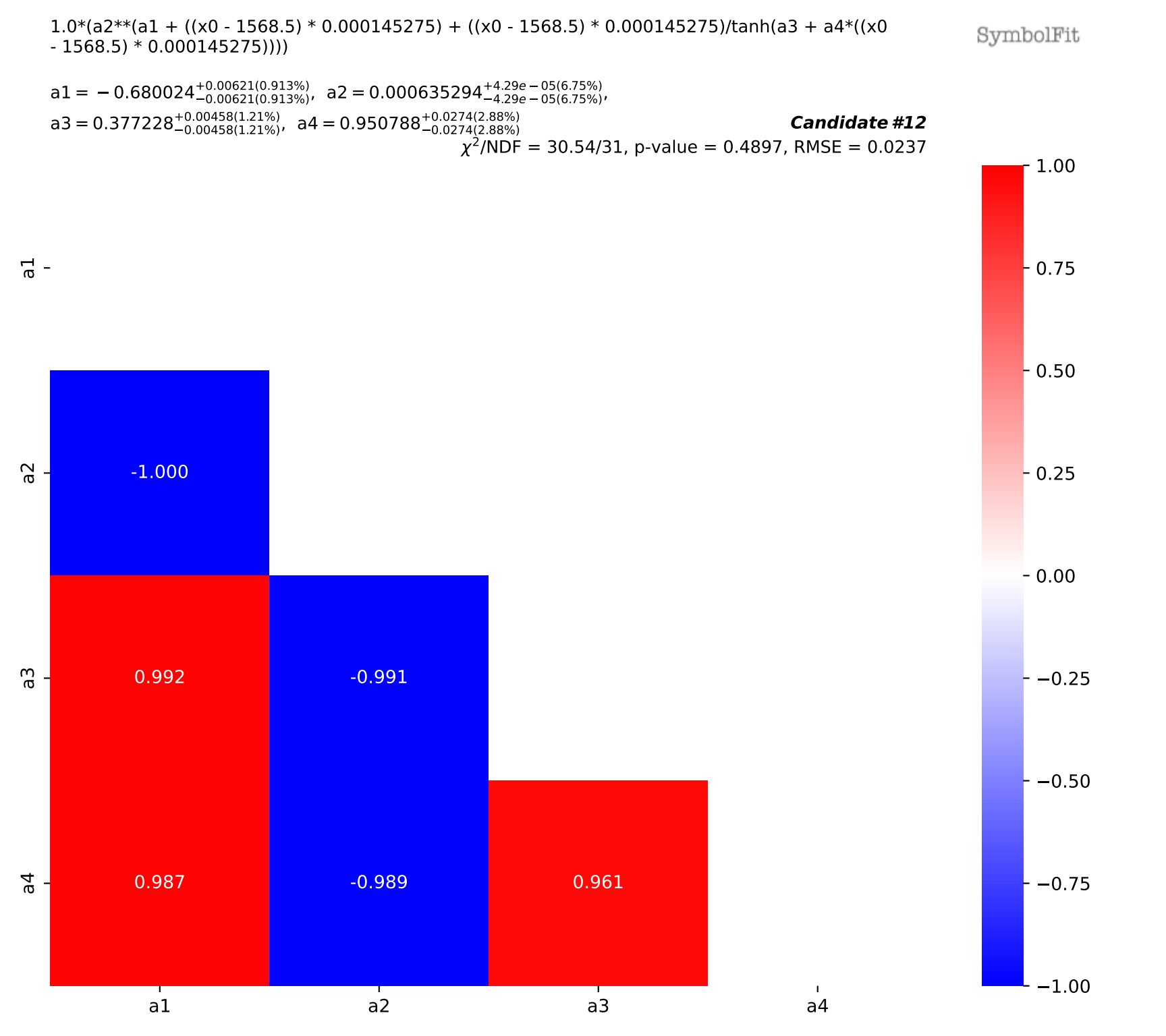
1.0*(a2**(a1 + ((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a3 + a4*((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.680024^{+0.00621(0.913\%)}_{-0.00621(0.913\%)}$, $a2 = 0.000635294^{+4.29e-05(6.75\%)}_{-4.29e-05(6.75\%)}$,
$a3 = 0.377228^{+0.00458(1.21\%)}_{-0.00458(1.21\%)}$, $a4 = 0.950788^{+0.0274(2.88\%)}_{-0.0274(2.88\%)}$

Candidate #12

χ^2/NDF = 30.54/31, p-value = 0.4897, RMSE = 0.0237



Candidate function #11

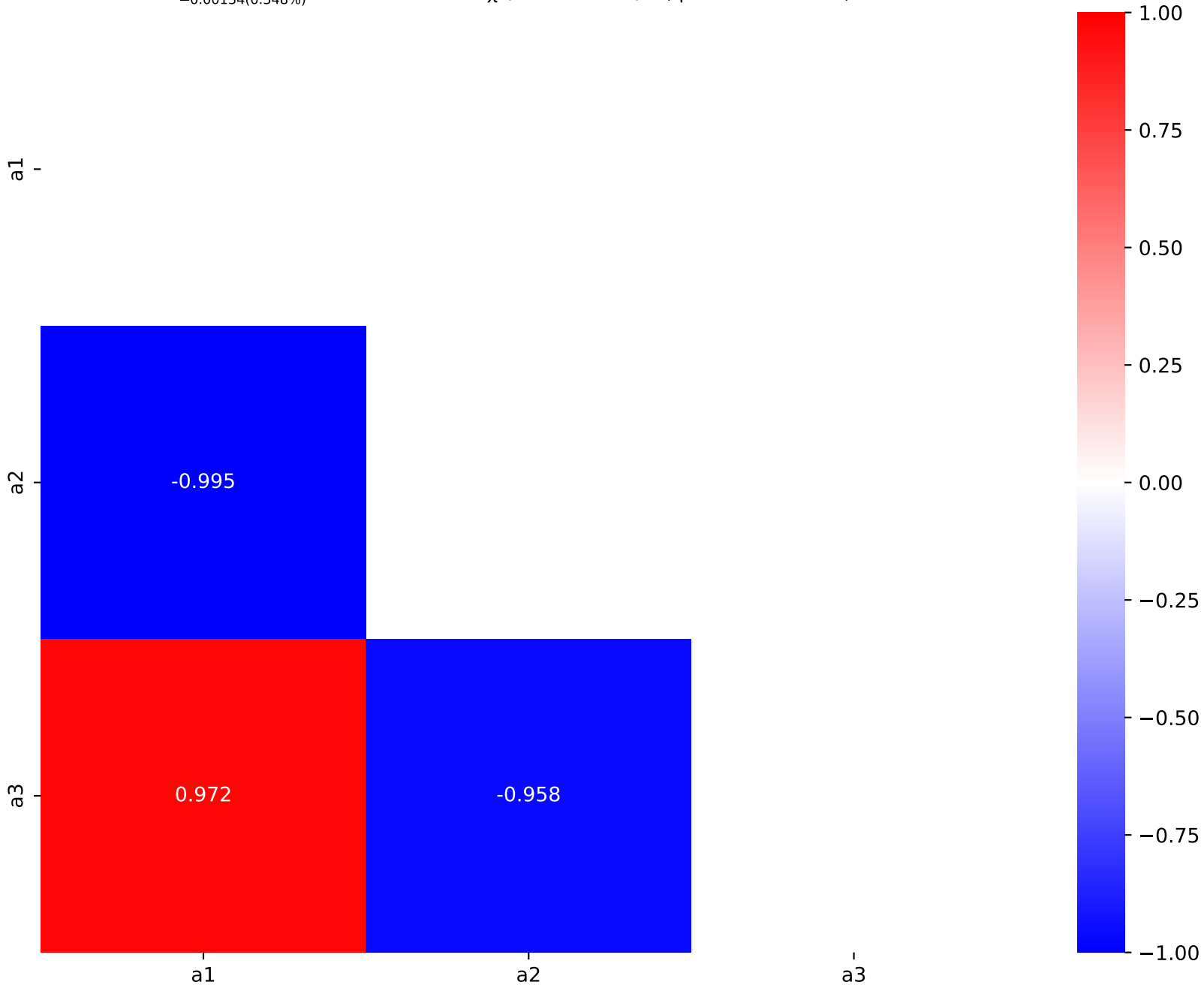
1.0*(a2**(a1 + ((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a3 + ((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.669584^{+0.00103(0.154\%)}_{-0.00103(0.154\%)}$, $a2 = 0.000565992^{+6.31e-06(1.11\%)}_{-6.31e-06(1.11\%)}$,
$a3 = 0.384834^{+0.00134(0.348\%)}_{-0.00134(0.348\%)}$

Candidate #11

χ^2/NDF = 33.78/32, p-value = 0.3814, RMSE = 0.02931



Candidate function #10

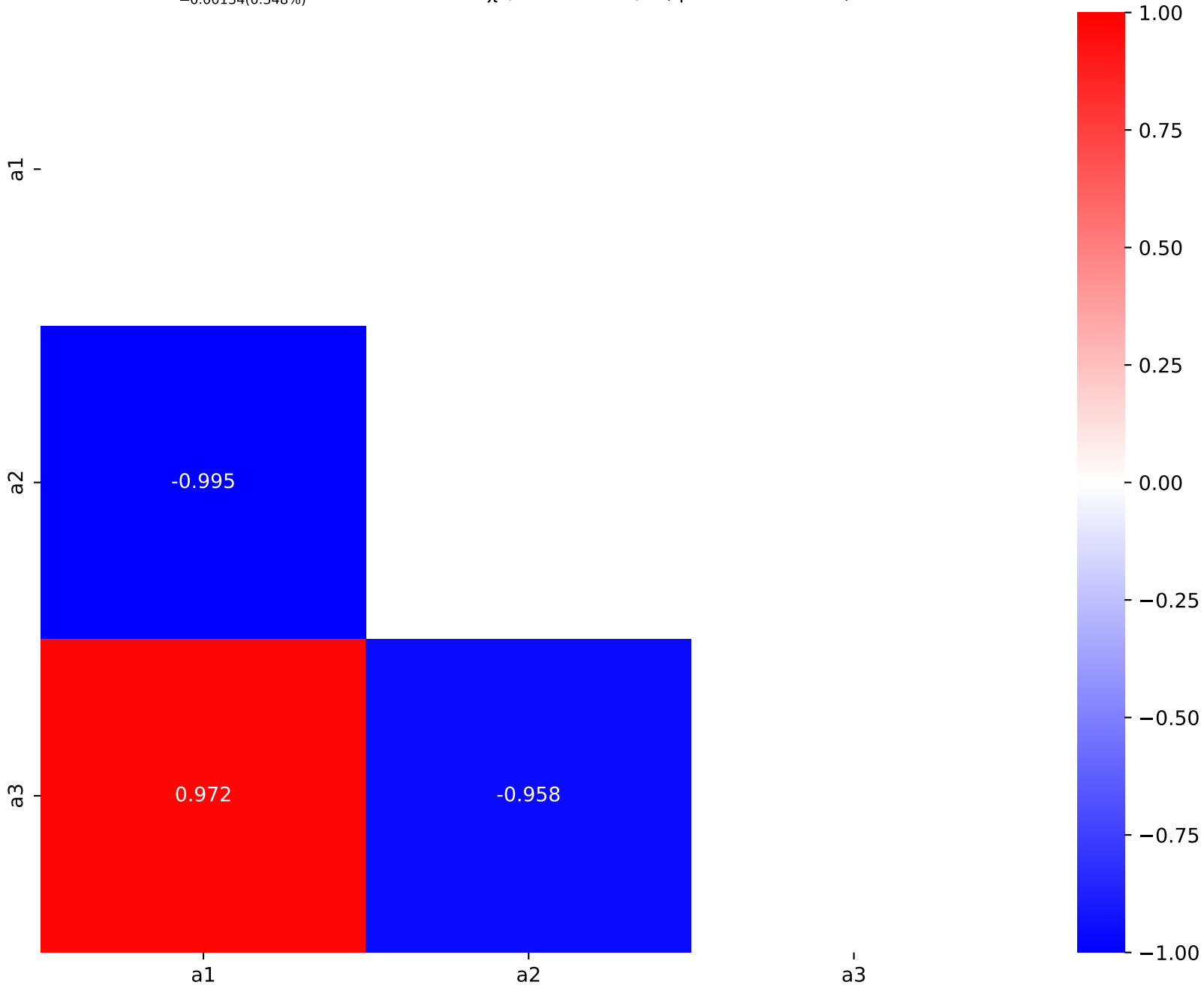
1.0*(a2**(a1 + ((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/tanh(a3 + ((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.669584^{+0.00103(0.154\%)}_{-0.00103(0.154\%)}$, $a2 = 0.000565992^{+6.31e-06(1.11\%)}_{-6.31e-06(1.11\%)}$,
$a3 = 0.384834^{+0.00134(0.348\%)}_{-0.00134(0.348\%)}$

Candidate #10

χ^2/NDF = 33.78/32, p-value = 0.3814, RMSE = 0.02931



Candidate function #9

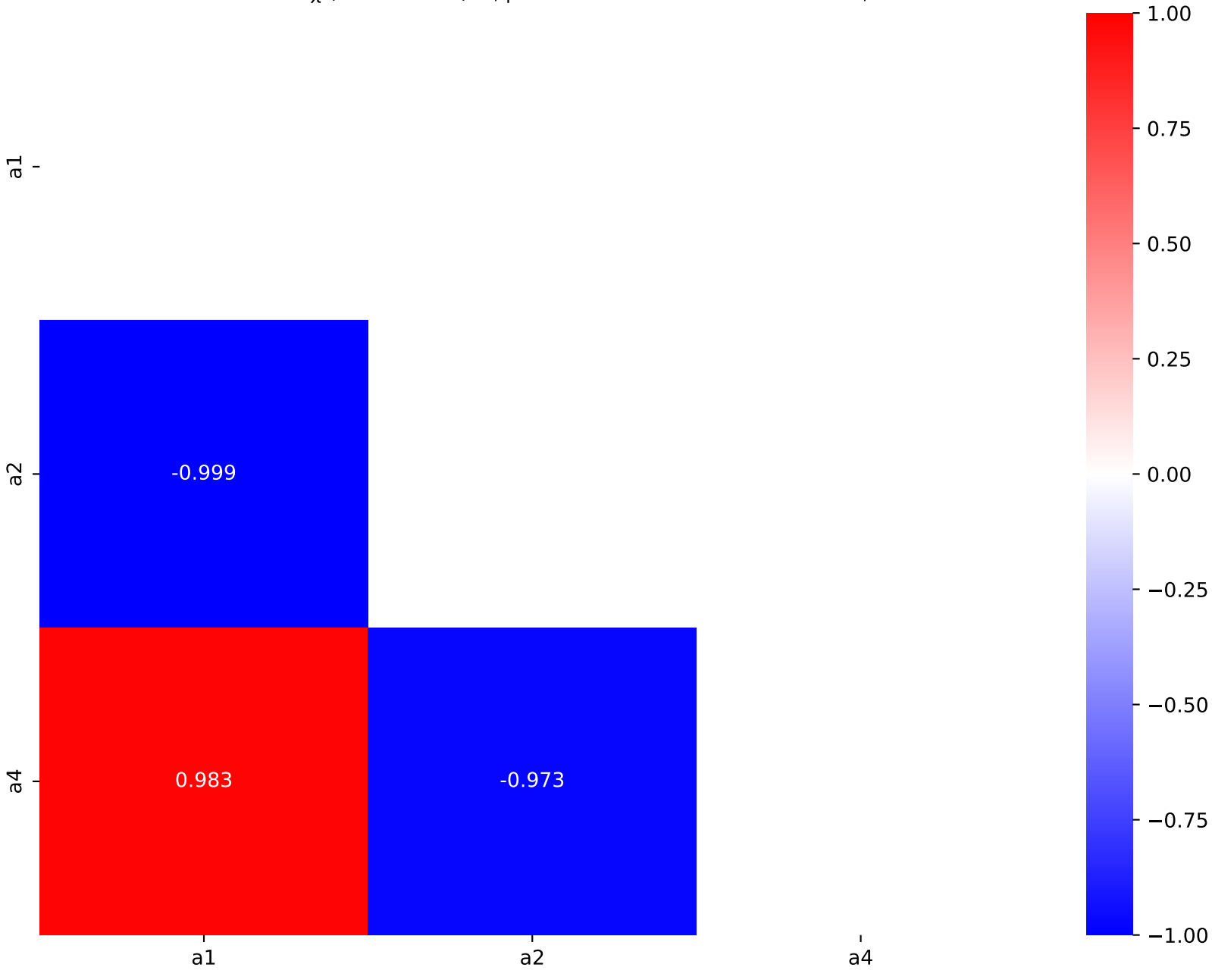
1.0*(a2**(a1 + ((x0 - 1568.5) * 0.000145275) + (a3 + ((x0 - 1568.5) * 0.000145275))/(a4 + ((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.572265^{+0.00296(0.517\%)}_{-0.00296(0.517\%)}$, $a2 = 0.000156067^{+6.89e-06(4.41\%)}_{-6.89e-06(4.41\%)}$,
$a3 = 0.000744$, $a4 = 0.471007^{+0.00494(1.05\%)}_{-0.00494(1.05\%)}$

Candidate #9

χ^2/NDF = 242.5/32, p-value = 3.4890000000000007e-34, RMSE = 0.1215



Candidate function #8

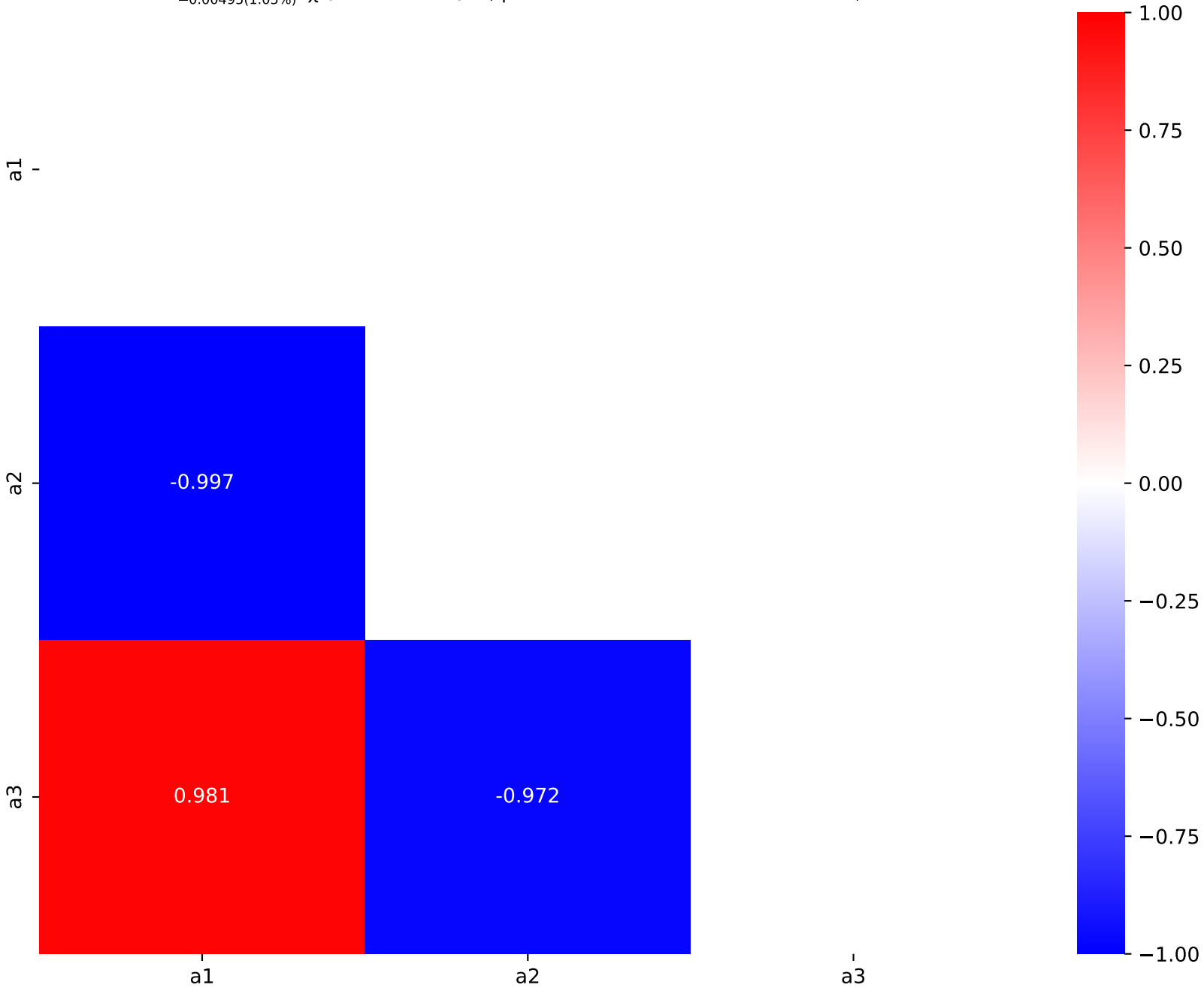
1.0*(a2**(a1 + ((x0 - 1568.5) * 0.000145275) + ((x0 - 1568.5) * 0.000145275)/(a3 + ((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.571056^{+0.00296(0.518\%)}_{-0.00296(0.518\%)}$, $a2 = 0.00015696^{+6.95e-06(4.43\%)}_{-6.95e-06(4.43\%)}$,

Candidate #8

$a3 = 0.471326^{+0.00495(1.05\%)}_{-0.00495(1.05\%)}$ χ^2/NDF = 243.3/32, p-value = 2.4640000000000006e-34, RMSE = 0.1218



Candidate function #7

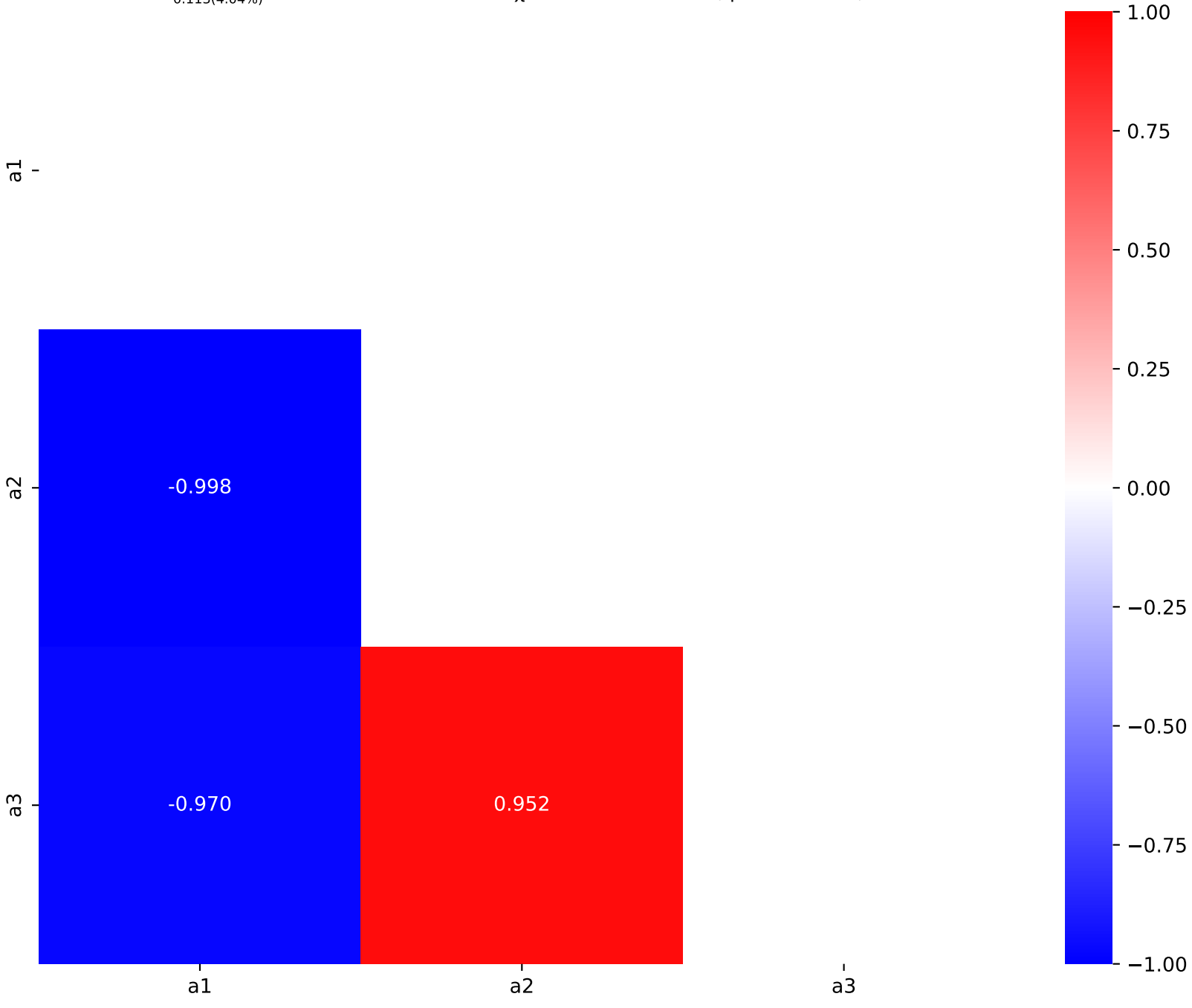
1.0*(a2**(a1 + ((x0 - 1568.5) * 0.000145275) + tanh(a3*((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.774854^{+0.02(2.58\%)}_{-0.02(2.58\%)}$, $a2 = 0.00163843^{+0.000269(16.4\%)}_{-0.000269(16.4\%)}$,
$a3 = 2.79769^{+0.113(4.04\%)}_{-0.113(4.04\%)}$

Candidate #7

χ^2/NDF = 10090.0/32, p-value = 0.0, RMSE = 1.068



Candidate function #6

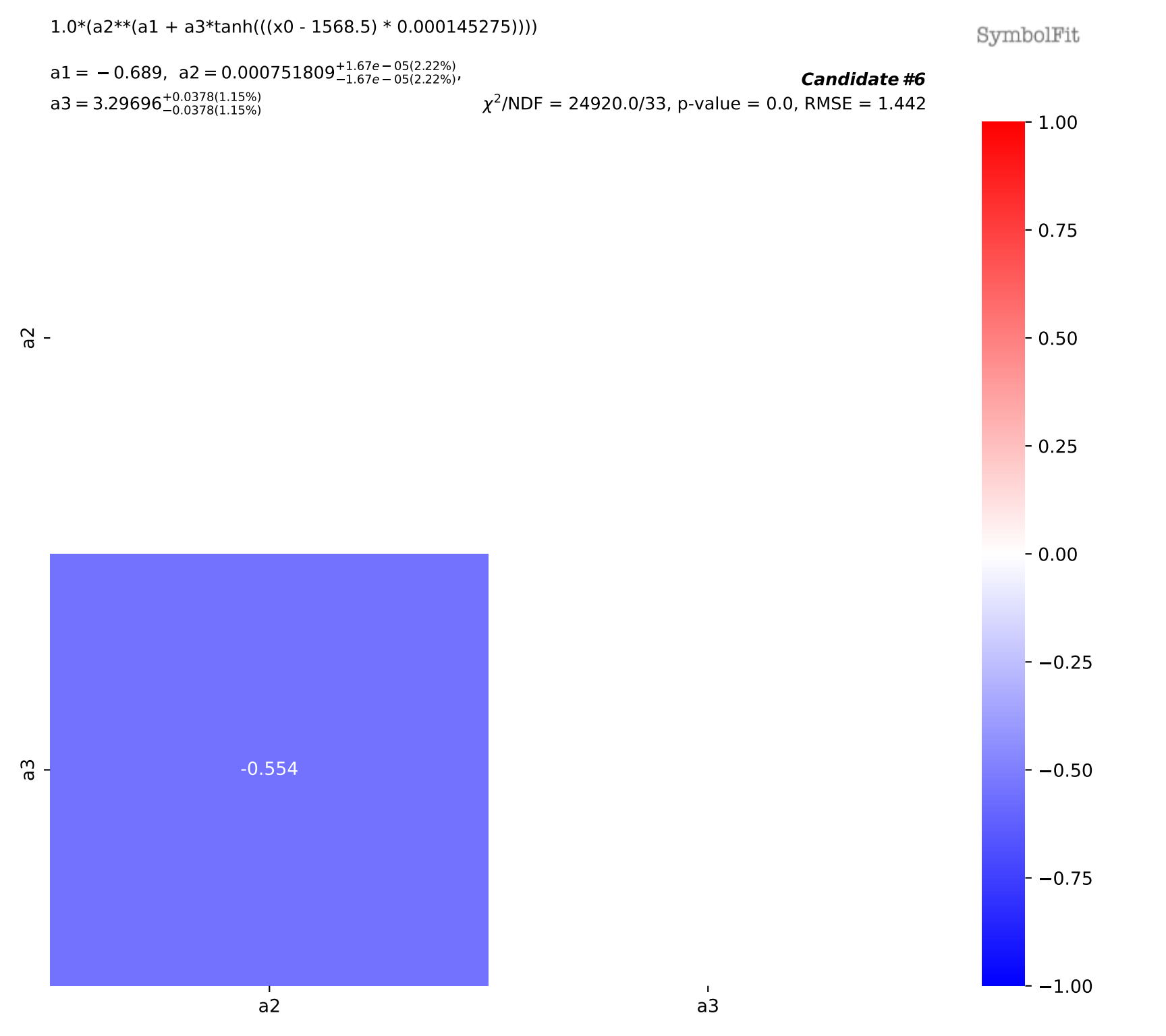
1.0*(a2**(a1 + a3*tanh(((x0 - 1568.5) * 0.000145275))))

$a1 = -0.689,\ a2 = 0.000751809^{+1.67e-05(2.22\%)}_{-1.67e-05(2.22\%)},$
$a3 = 3.29696^{+0.0378(1.15\%)}_{-0.0378(1.15\%)}$

SymbolFit

Candidate #6

χ^2/NDF = 24920.0/33, p-value = 0.0, RMSE = 1.442



Candidate function #5

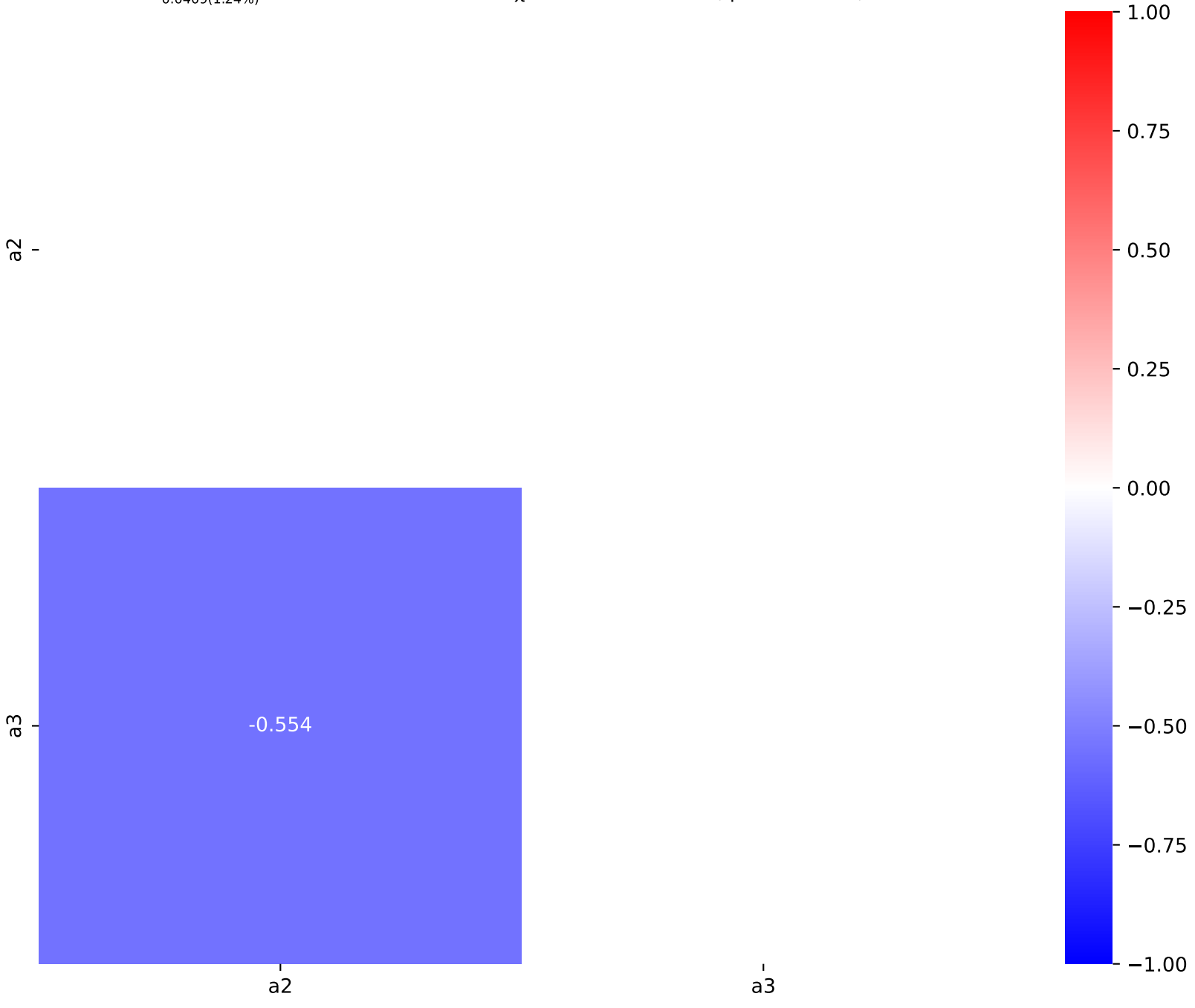
1.0*(a2**(a1 + a3*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.689,\ a2 = 0.00075246^{+1.81e-05(2.41\%)}_{-1.81e-05(2.41\%)},$
$a3 = 3.2893^{+0.0409(1.24\%)}_{-0.0409(1.24\%)}$

SymbolFit

Candidate #5

χ^2/NDF = 28850.0/33, p-value = 0.0, RMSE = 1.466



Candidate function #4

1.0*(a2**(a1 + ((x0 - 1568.5) * 0.000145275)))

$a1 = -0.346159^{+0.0227(6.56\%)}_{-0.0227(6.56\%)},\ a2 = 6.89e-05$

SymbolFit

Candidate #4

χ^2/NDF = 3923000.0/34, p-value = 0.0, RMSE = 28.25

Candidate function #3

1.0*(a1**((x0 - 1568.5) * 0.000145275)*a2)

$a1 = 1.26e-06,\ \ a2 = 75.568^{+6.25(8.27\%)}_{-6.25(8.27\%)}$

SymbolFit

Candidate #3

χ^2/NDF = 1200000.0/34, p-value = 0.0, RMSE = 15.49

Candidate function #2

1.0*(a1**((x0 - 1568.5) * 0.000145275))

a1 = 0.000744

Candidate #2

χ^2/NDF = 6161000.0/35, p-value = 0.0, RMSE = 36.73

Candidate function #1

1.0*(a1)

a1 = 0.000278

Candidate #1

χ^2/NDF = 6359000.0/35, p-value = 0.0, RMSE = 37.07

Candidate function #0

1.0*(a1)

a1 = −0.0797

Candidate #0

χ^2/NDF = 80350000.0/35, p-value = 0.0, RMSE = 37.11