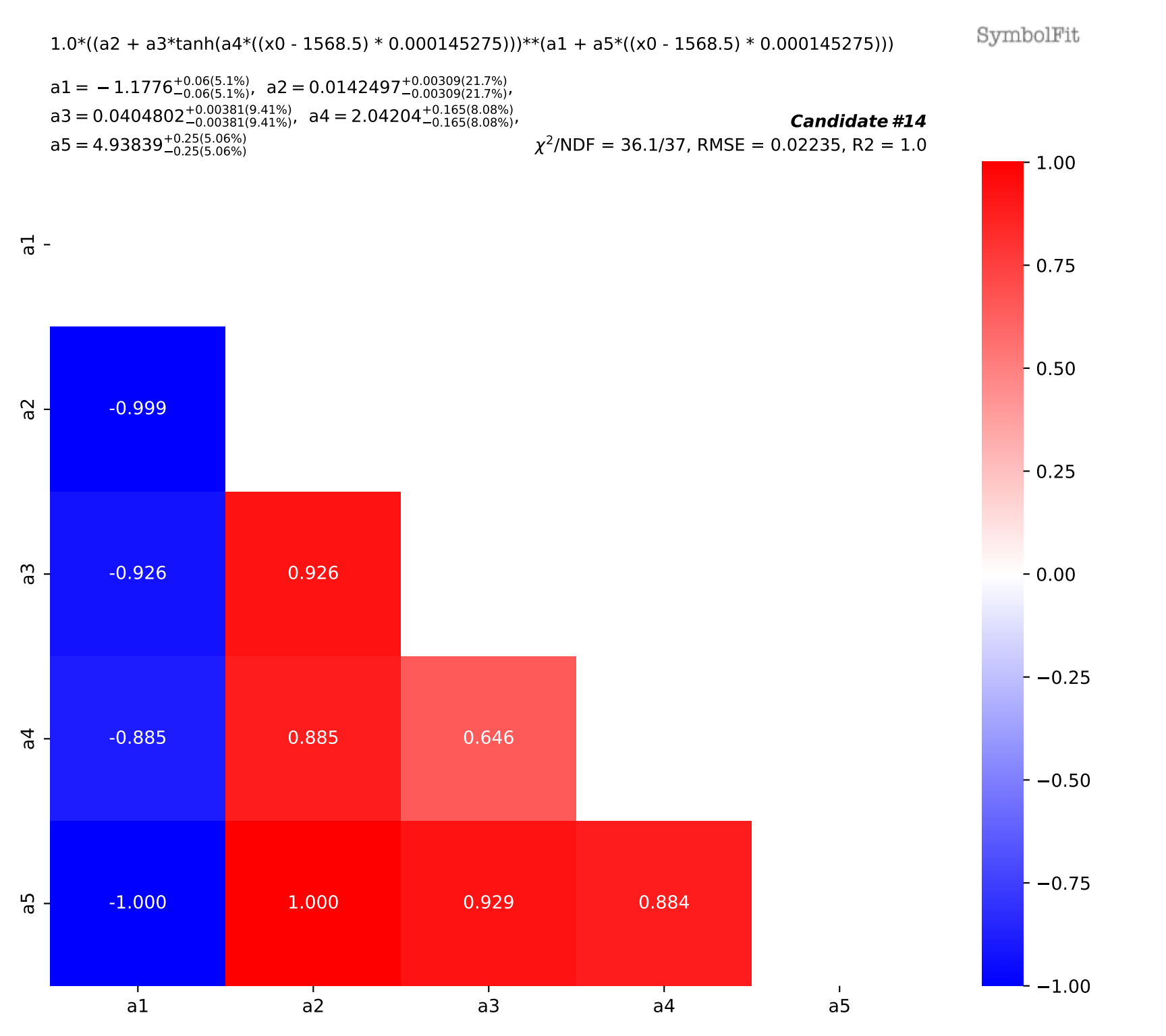
SymbolFit

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

$a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, $a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}$,
$a3 = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, $a4 = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$,
$a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #14

χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0



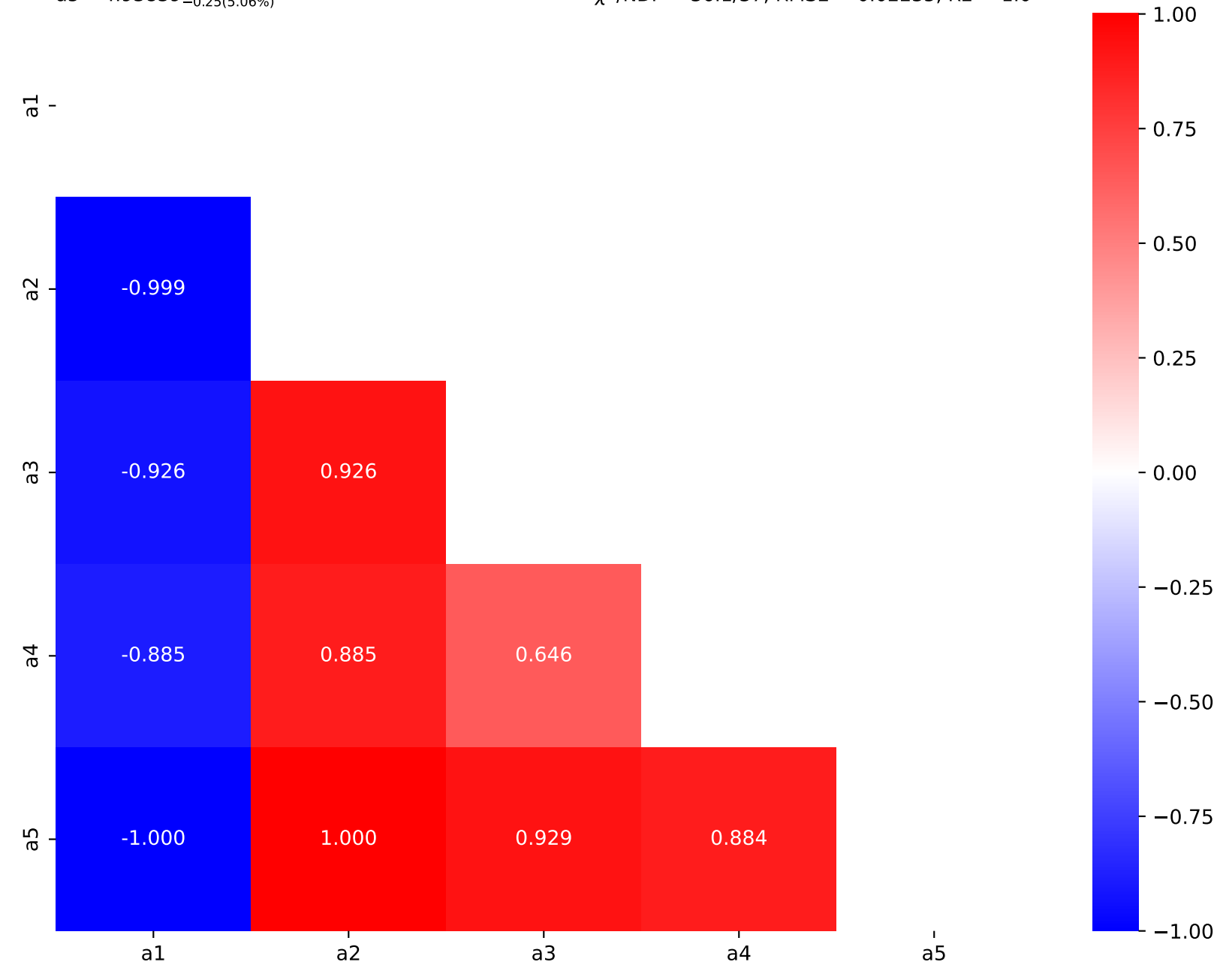
SymbolFit

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

$a1 = -1.1776^{+0.06(5.1\%)}_{-0.06(5.1\%)}$, $a2 = 0.0142497^{+0.00309(21.7\%)}_{-0.00309(21.7\%)}$,
$a3 = 0.0404802^{+0.00381(9.41\%)}_{-0.00381(9.41\%)}$, $a4 = 2.04204^{+0.165(8.08\%)}_{-0.165(8.08\%)}$,
$a5 = 4.93839^{+0.25(5.06\%)}_{-0.25(5.06\%)}$

Candidate #13

χ^2/NDF = 36.1/37, RMSE = 0.02235, R2 = 1.0



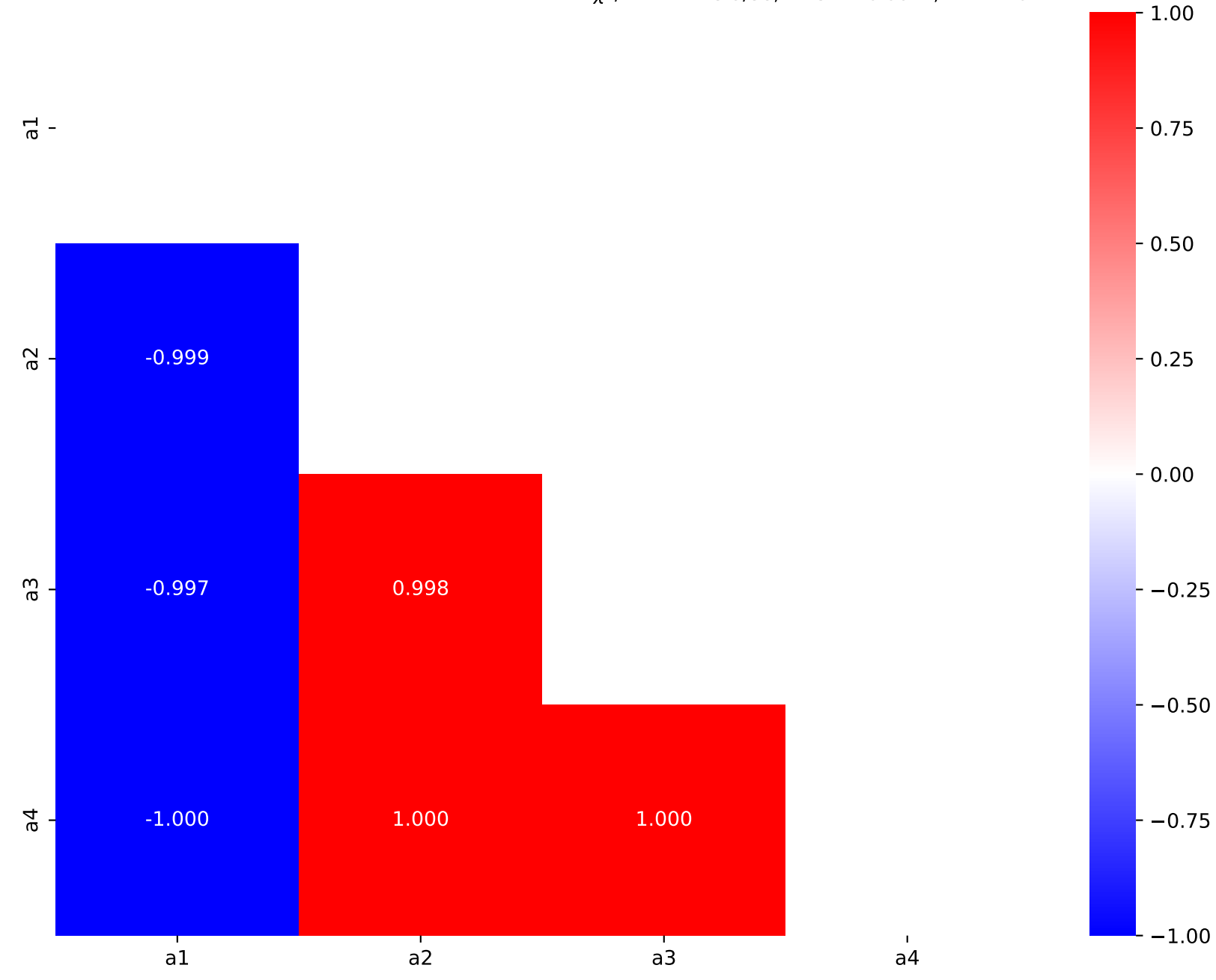
1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

SymbolFit

$a1 = -0.866921^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, $a2 = 0.00309996^{+0.0005455(17.6\%)}_{-0.0004764(15.4\%)}$,
$a3 = 0.0254739^{+0.003365(13.2\%)}_{-0.00308(12.1\%)}$, $a4 = 3.64451^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #12

χ^2/NDF = 113.9/38, RMSE = 0.0622, R2 = 1.0



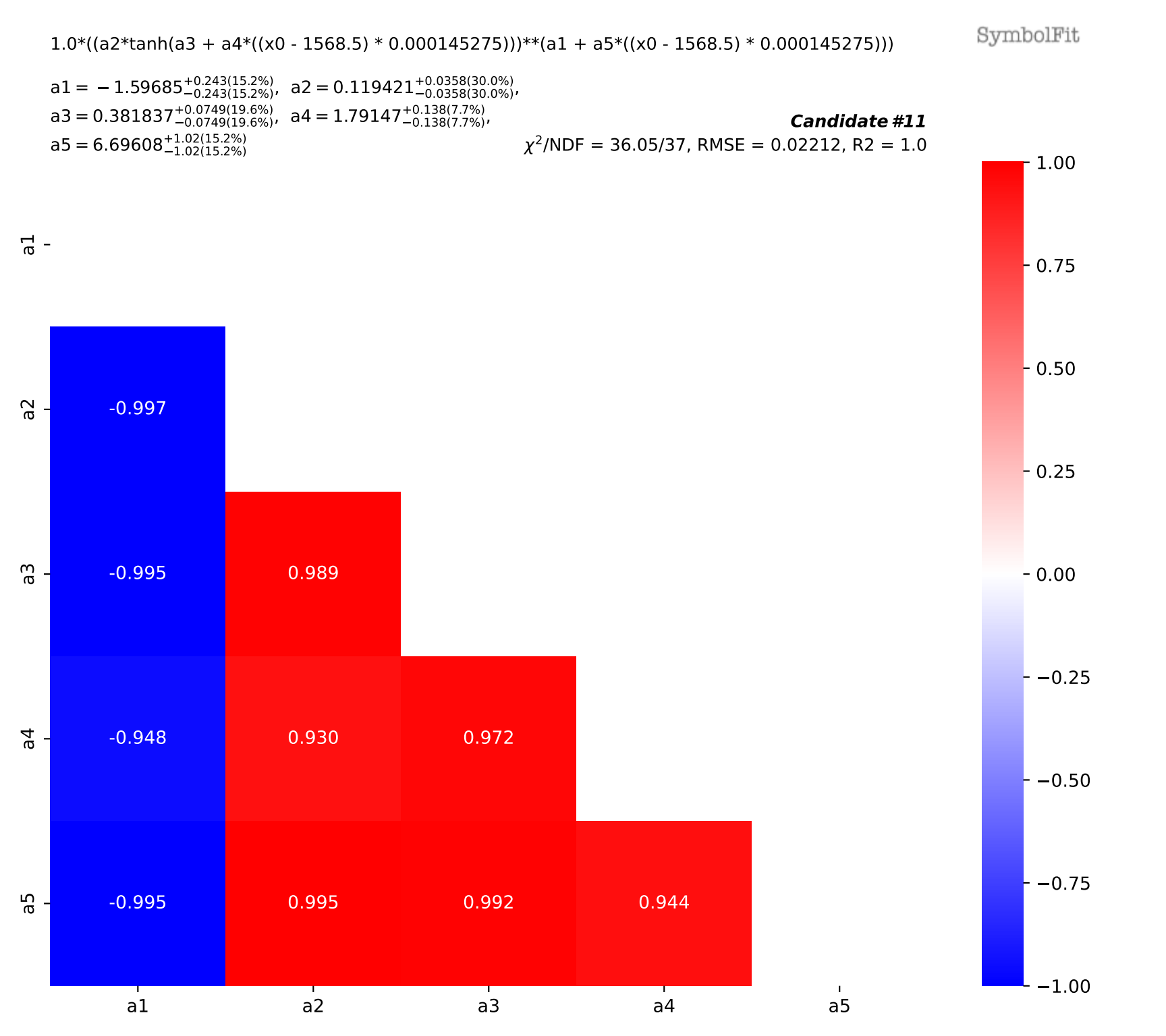
SymbolFit

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

$a1 = -1.59685^{+0.243(15.2\%)}_{-0.243(15.2\%)}$, $a2 = 0.119421^{+0.0358(30.0\%)}_{-0.0358(30.0\%)}$,
$a3 = 0.381837^{+0.0749(19.6\%)}_{-0.0749(19.6\%)}$, $a4 = 1.79147^{+0.138(7.7\%)}_{-0.138(7.7\%)}$,
$a5 = 6.69608^{+1.02(15.2\%)}_{-1.02(15.2\%)}$

Candidate #11

χ^2/NDF = 36.05/37, RMSE = 0.02212, R2 = 1.0



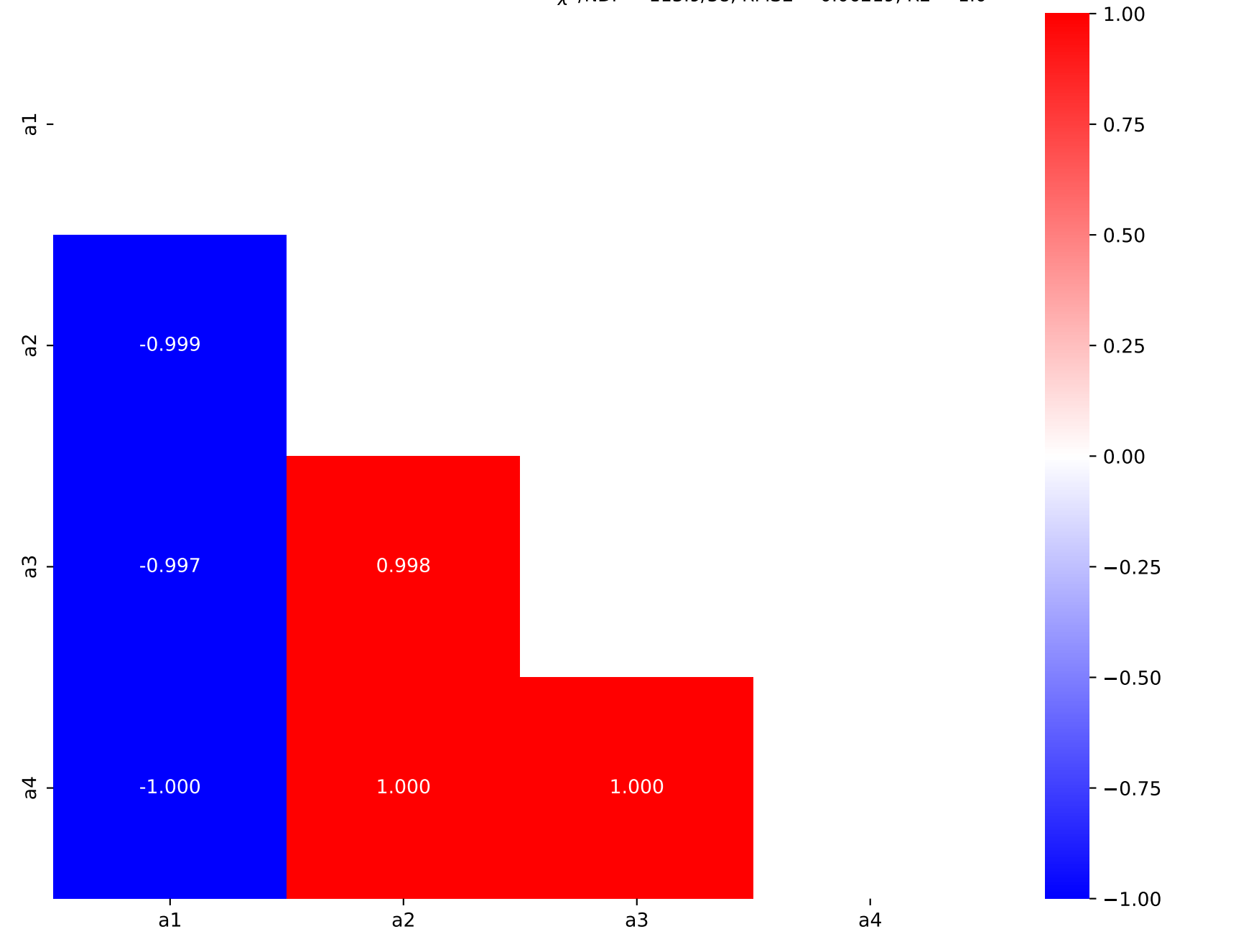
1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

SymbolFit

$a1 = -0.866918^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, $a2 = 0.0030999^{+0.0005455(17.6\%)}_{-0.0004763(15.4\%)}$,
$a3 = 0.0254735^{+0.003365(13.2\%)}_{-0.003079(12.1\%)}$, $a4 = 3.64449^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #10

χ^2/NDF = 113.9/38, RMSE = 0.06219, R2 = 1.0



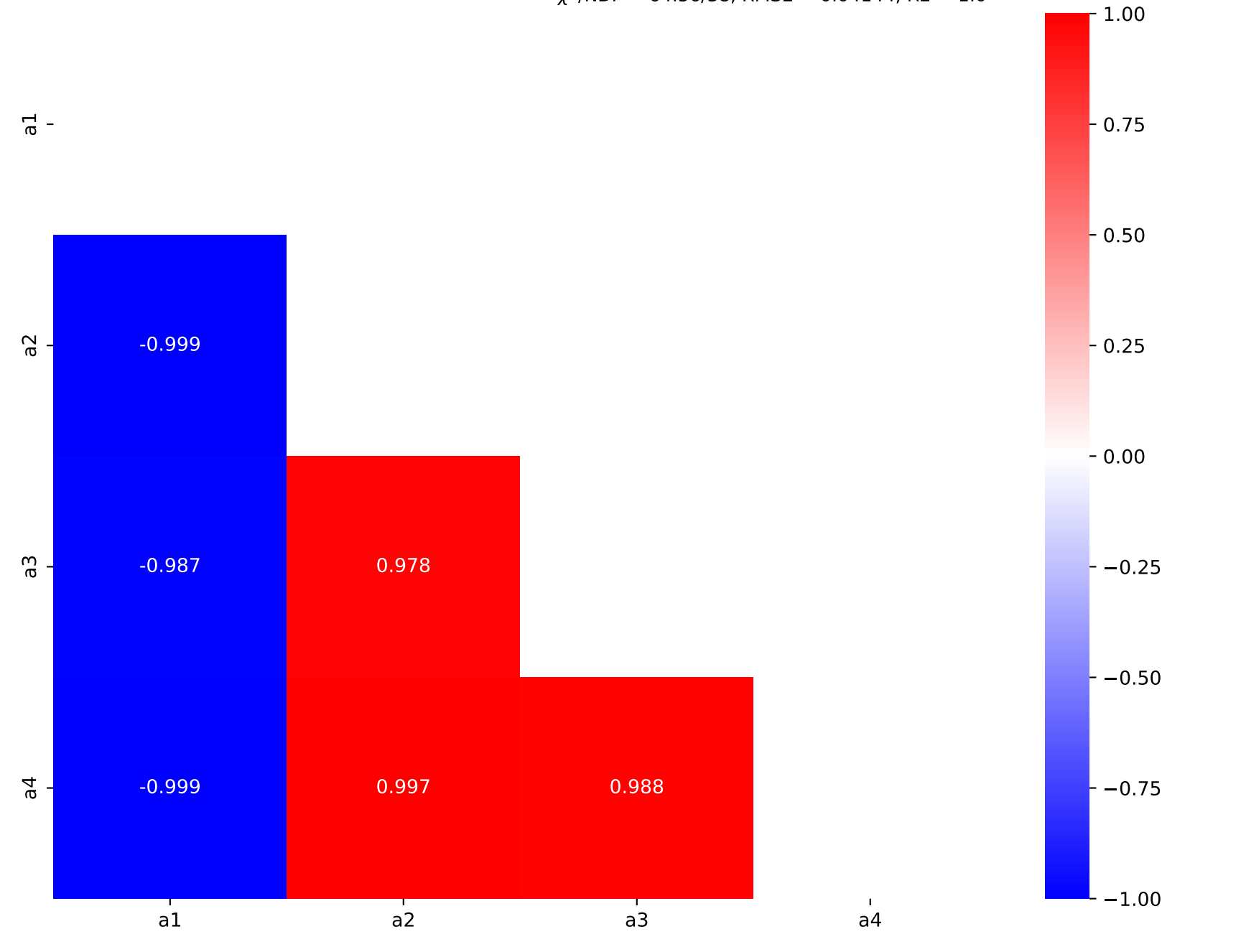
1.0*((a2*tanh(a3 + ((x0 - 1568.5) * 0.000145275)))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

SymbolFit

$a1 = -1.01258^{+0.02794(2.76\%)}_{-0.02913(2.88\%)}$, $a2 = 0.0502094^{+0.0055(11.0\%)}_{-0.005064(10.1\%)}$,
$a3 = 0.14278^{+0.005203(3.64\%)}_{-0.004975(3.48\%)}$, $a4 = 4.2531^{+0.123(2.89\%)}_{-0.1179(2.77\%)}$

Candidate #9

χ^2/NDF = 64.56/38, RMSE = 0.04144, R2 = 1.0



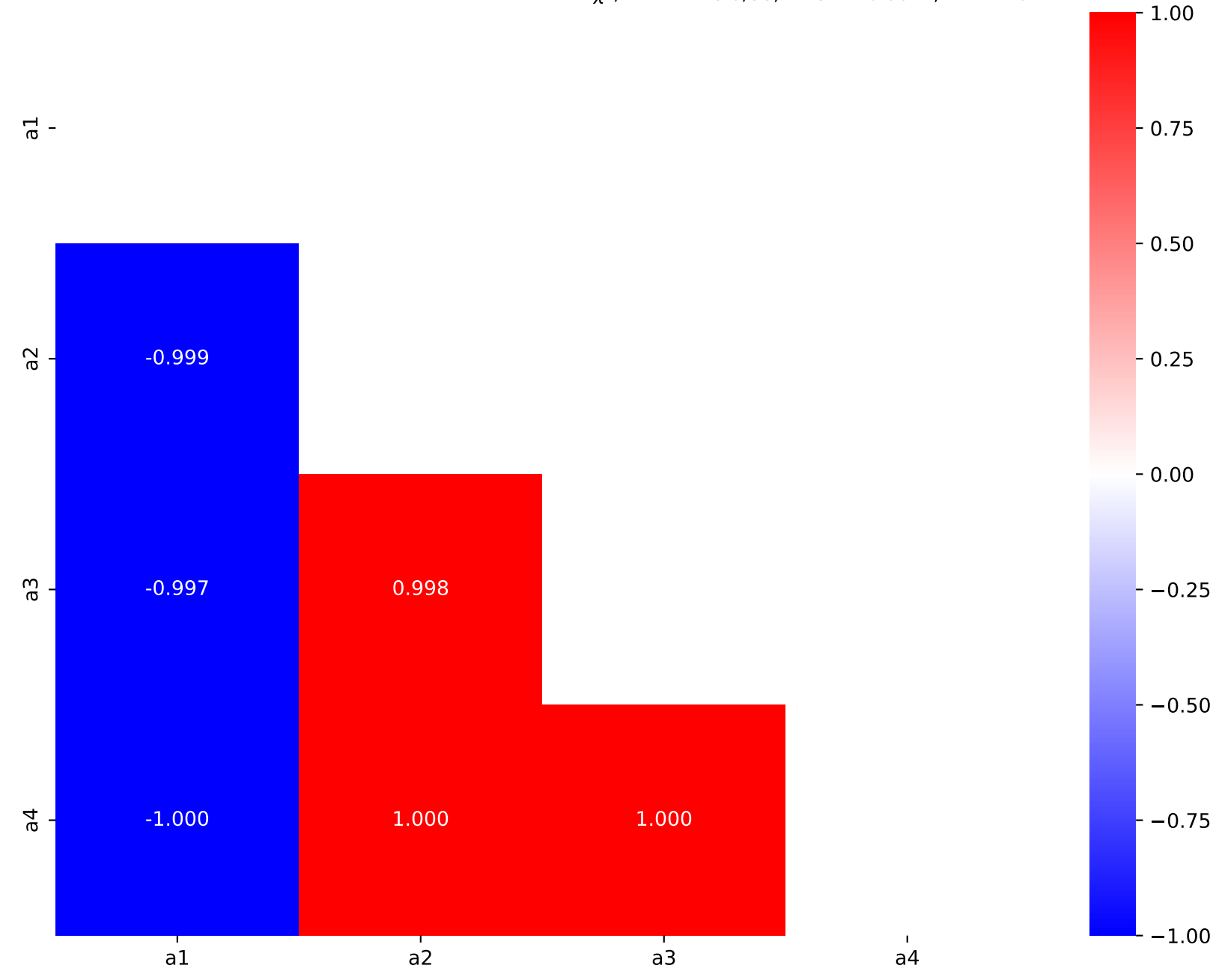
1.0*((a2 + a3*((x0 - 1568.5) * 0.000145275))**(a1 + a4*((x0 - 1568.5) * 0.000145275)))

SymbolFit

$a1 = -0.866919^{+0.02426(2.8\%)}_{-0.02495(2.88\%)}$, $a2 = 0.00309991^{+0.0005455(17.6\%)}_{-0.0004763(15.4\%)}$,
$a3 = 0.0254735^{+0.003365(13.2\%)}_{-0.003079(12.1\%)}$, $a4 = 3.6445^{+0.1056(2.9\%)}_{-0.1026(2.82\%)}$

Candidate #8

χ^2/NDF = 113.9/38, RMSE = 0.0622, R2 = 1.0



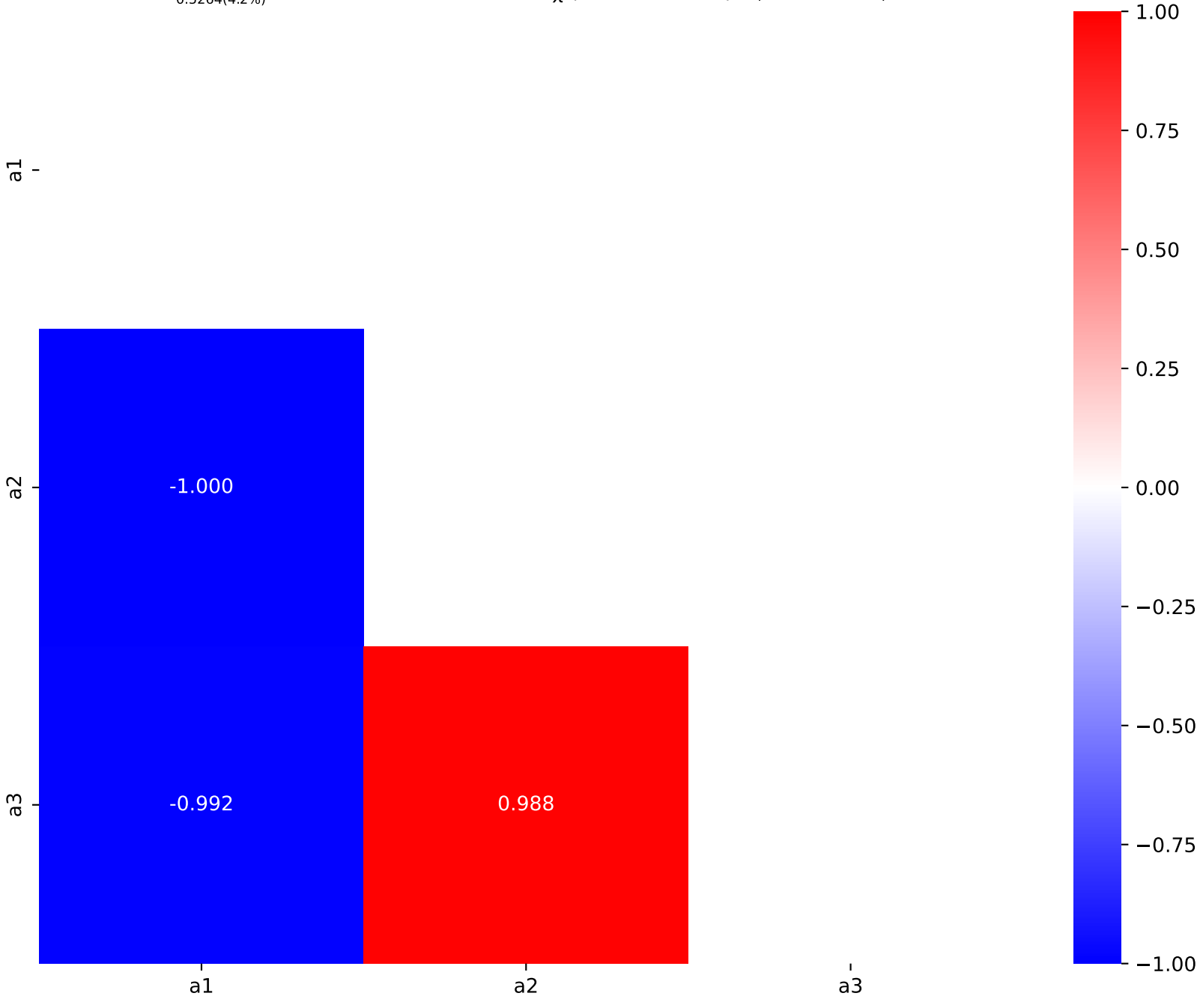
1.0*((a2*exp(((x0 - 1568.5) * 0.000145275)))**(a1 + a3*((x0 - 1568.5) * 0.000145275)))

SymbolFit

$a1 = -2.85457^{+0.1198(4.2\%)}_{-0.09935(3.48\%)}$, $a2 = 0.175704^{+0.01038(5.91\%)}_{-0.01272(7.24\%)}$,
$a3 = 12.5419^{+0.4517(3.6\%)}_{-0.5264(4.2\%)}$

Candidate #7

χ^2/NDF = 13660.0/39, RMSE = 1.1, R2 = 0.9988



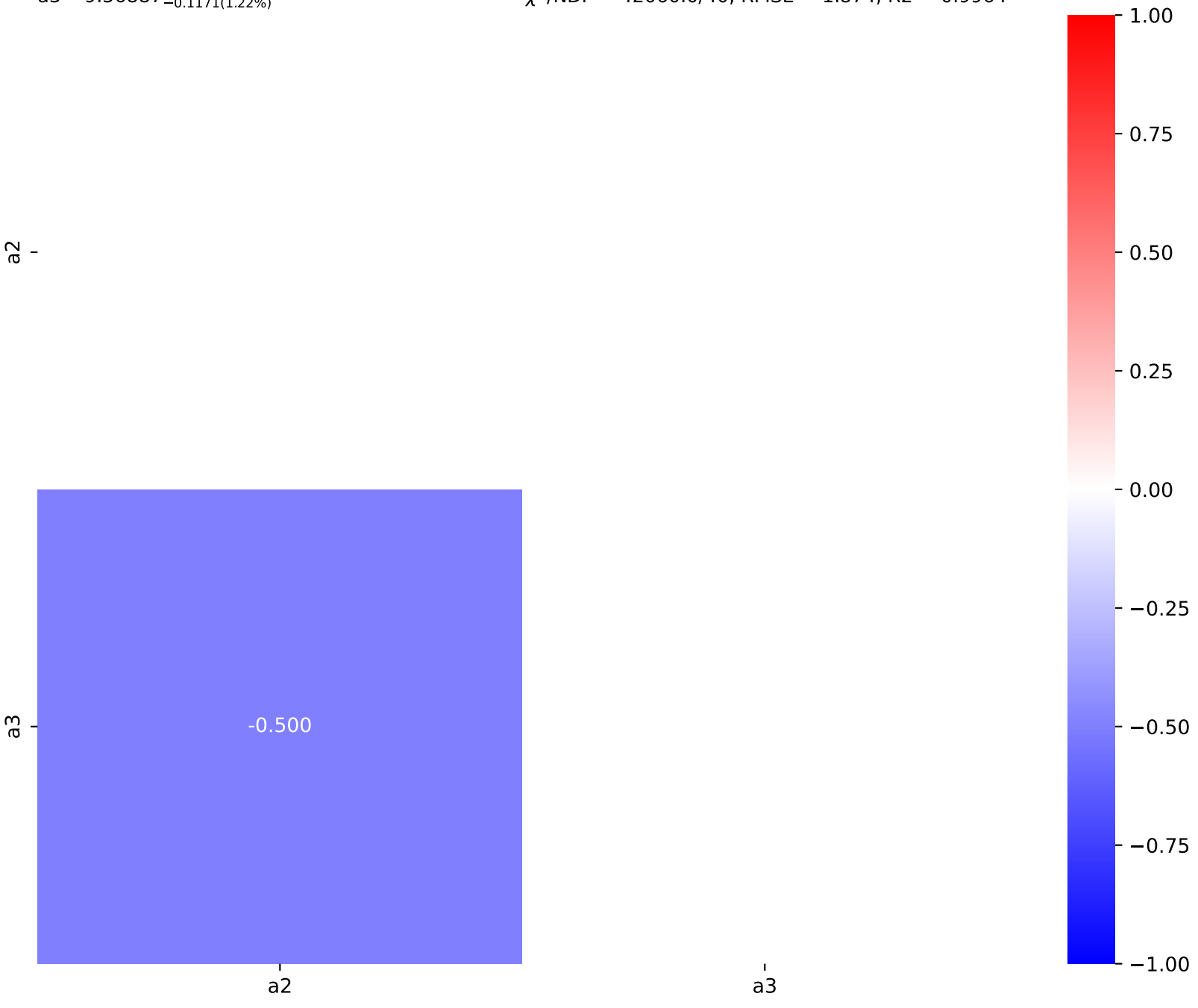
1.0*(a2**(a1 + a3*tanh(((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -2.06,\ a2 = 0.0912058^{+0.0008204(0.9\%)}_{-0.0008044(0.882\%)},$
$a3 = 9.56887^{+0.1204(1.26\%)}_{-0.1171(1.22\%)}$

Candidate #6

χ^2/NDF = 42060.0/40, RMSE = 1.874, R2 = 0.9964



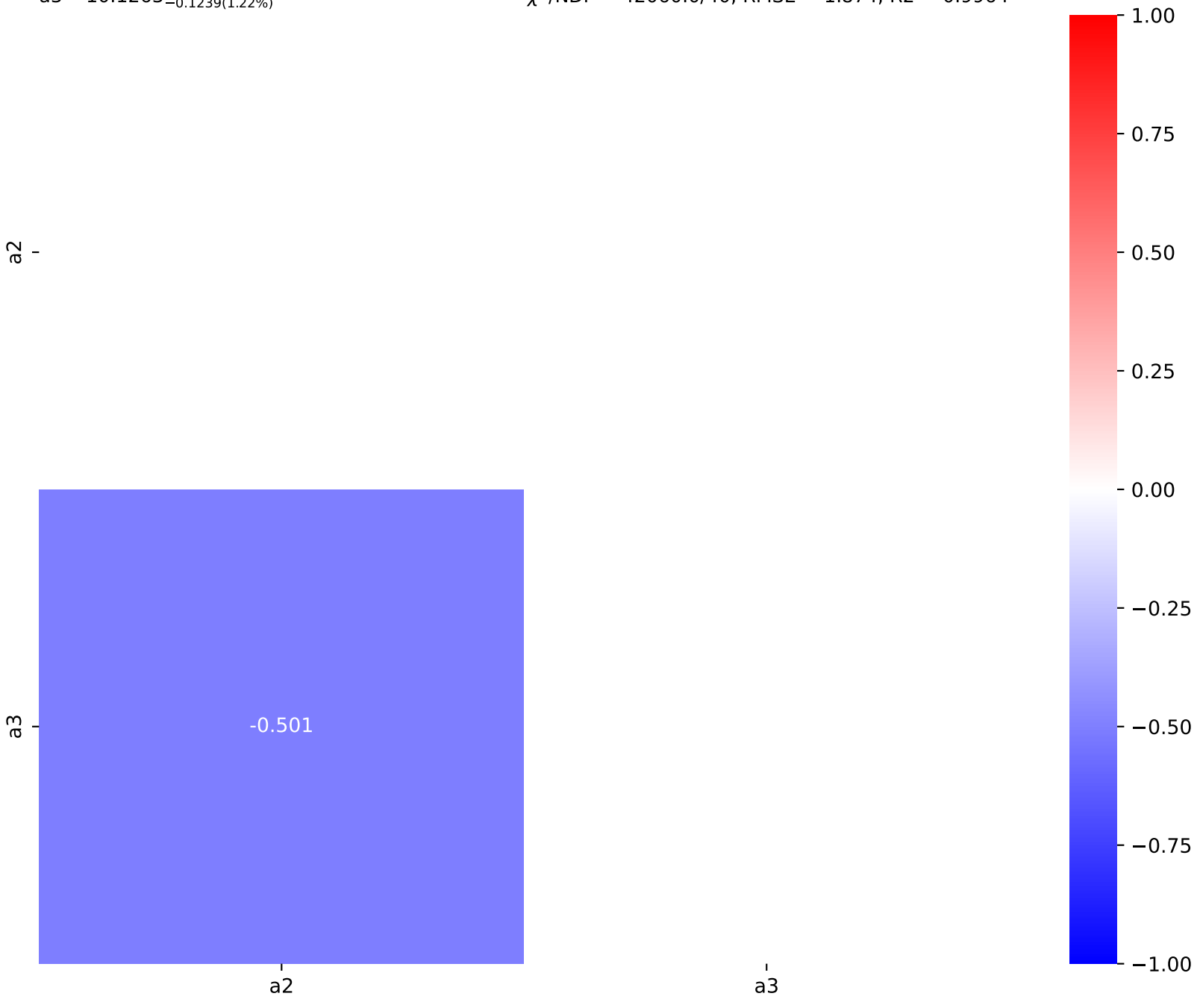
1.0*(a2**(a1 + a3*tanh(((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -2.18,\ a2 = 0.104056^{+0.0008843(0.85\%)}_{-0.0008674(0.834\%)},$
$a3 = 10.1263^{+0.1274(1.26\%)}_{-0.1239(1.22\%)}$

Candidate #5

χ^2/NDF = 42060.0/40, RMSE = 1.874, R2 = 0.9964



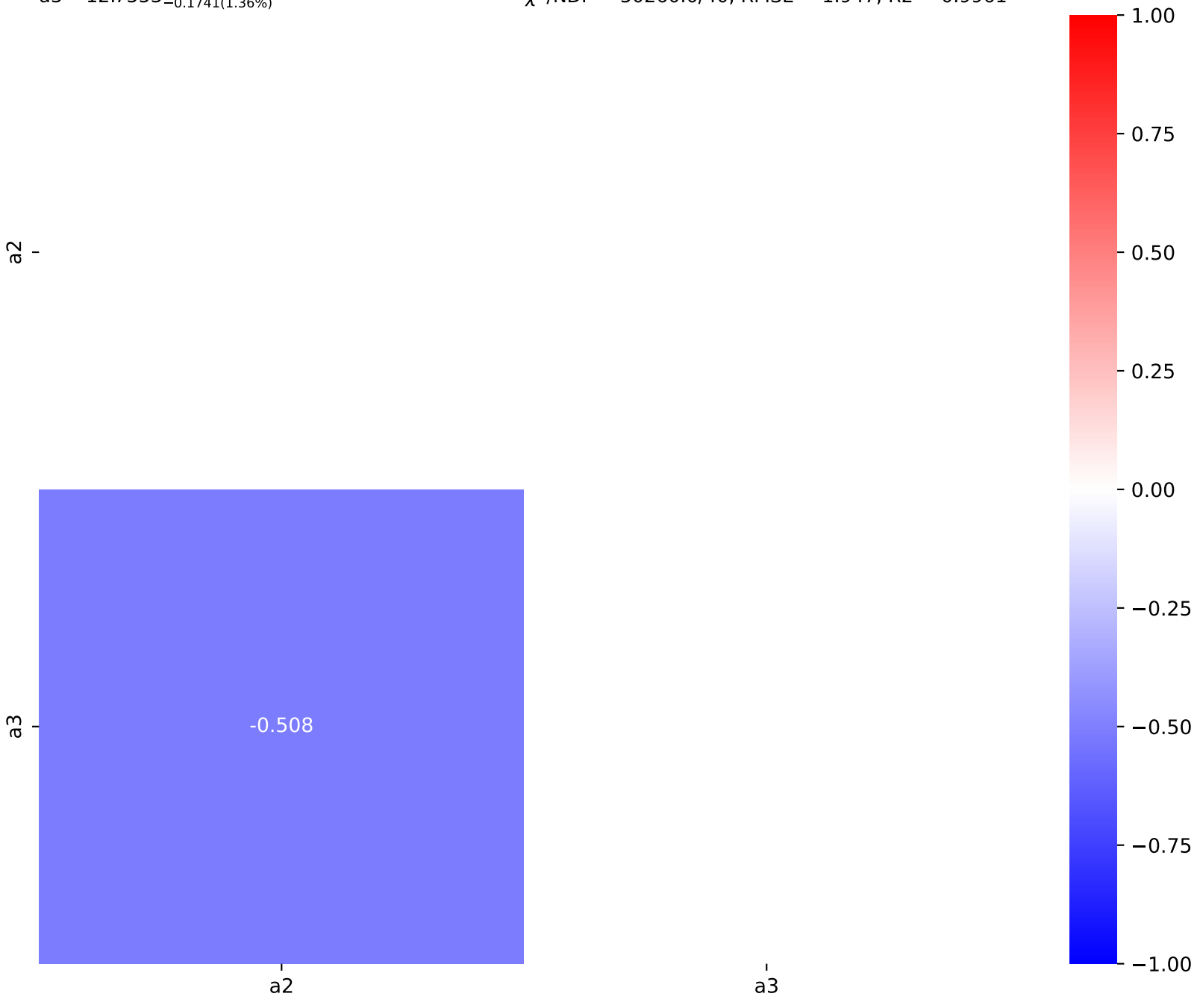
1.0*(a2**(a1 + a3*((x0 - 1568.5) * 0.000145275)))

SymbolFit

$a1 = -2.76,\ a2 = 0.167581^{+0.001238(0.739\%)}_{-0.001214(0.725\%)},$
$a3 = 12.7553^{+0.1793(1.41\%)}_{-0.1741(1.36\%)}$

Candidate #4

χ^2/NDF = 50260.0/40, RMSE = 1.947, R2 = 0.9961



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

$a1 = 0.000163,\ \ a2 = 15.2158^{+3.98(26.2\%)}_{-3.98(26.2\%)}$

SymbolFit

Candidate #3

χ^2/NDF = 4834000.0/41, RMSE = 29.26, R2 = 0.1165

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

$a1 = 0.000163,\ \ a2 = 15.2158^{+3.98(26.2\%)}_{-3.98(26.2\%)}$

SymbolFit

Candidate #2

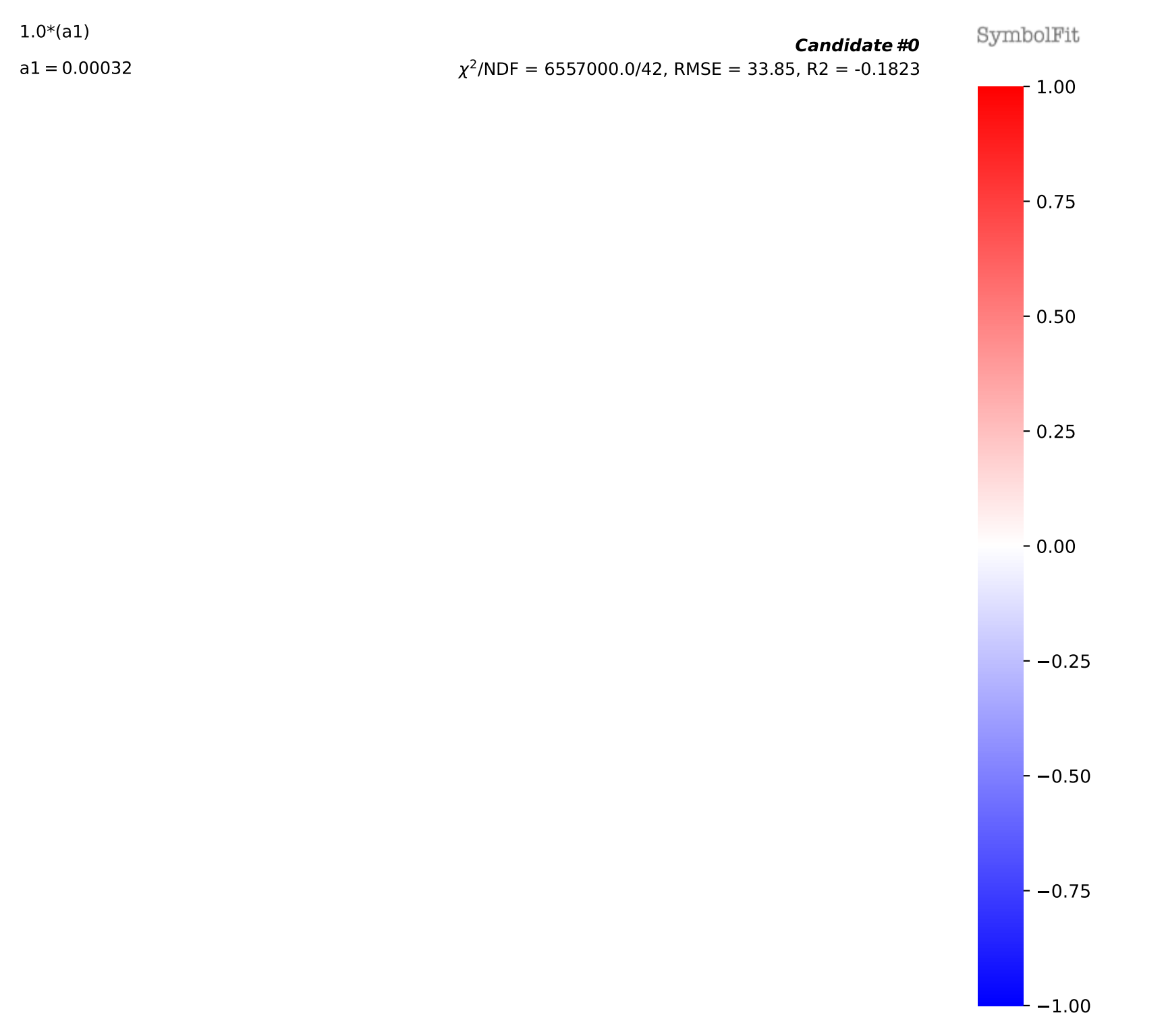
χ^2/NDF = 4834000.0/41, RMSE = 29.26, R2 = 0.1165

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

a1 = 0.00102

Candidate #1

χ^2/NDF = 6309000.0/42, RMSE = 33.53, R2 = -0.16


1.0*(a1)
a1 = 0.00032
Candidate #0
χ^2/NDF = 6557000.0/42, RMSE = 33.85, R2 = -0.1823
SymbolFit
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00