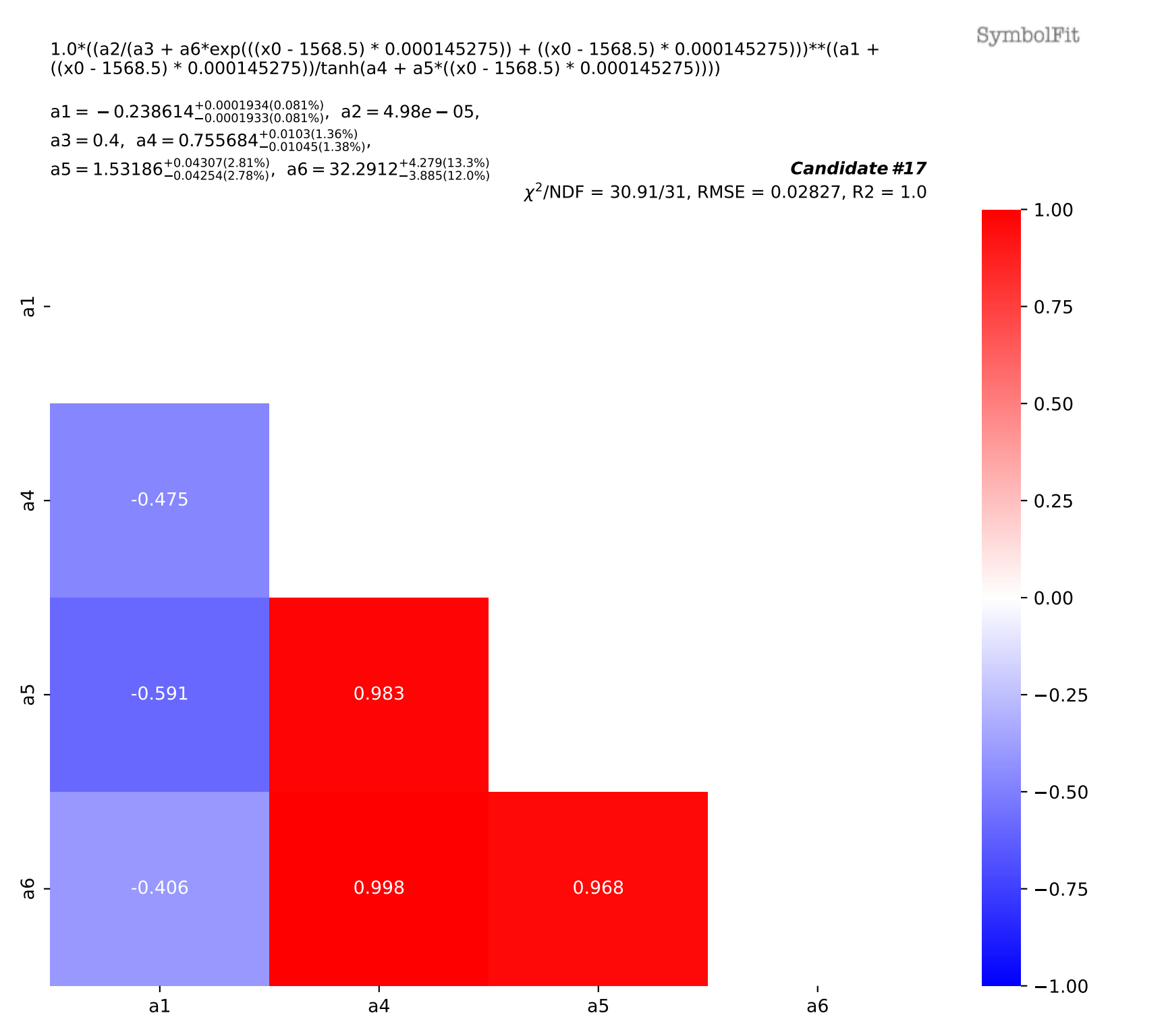
SymbolFit

1.0*((a2/(a3 + a6*exp(((x0 - 1568.5) * 0.000145275)) + ((x0 - 1568.5) * 0.000145275)))**((a1 + ((x0 - 1568.5) * 0.000145275))/tanh(a4 + a5*((x0 - 1568.5) * 0.000145275))))

$a1 = -0.238614^{+0.0001934(0.081\%)}_{-0.0001933(0.081\%)}$, $a2 = 4.98e-05$,
$a3 = 0.4$, $a4 = 0.755684^{+0.0103(1.36\%)}_{-0.01045(1.38\%)}$,
$a5 = 1.53186^{+0.04307(2.81\%)}_{-0.04254(2.78\%)}$, $a6 = 32.2912^{+4.279(13.3\%)}_{-3.885(12.0\%)}$

Candidate #17

χ^2/NDF = 30.91/31, RMSE = 0.02827, R2 = 1.0



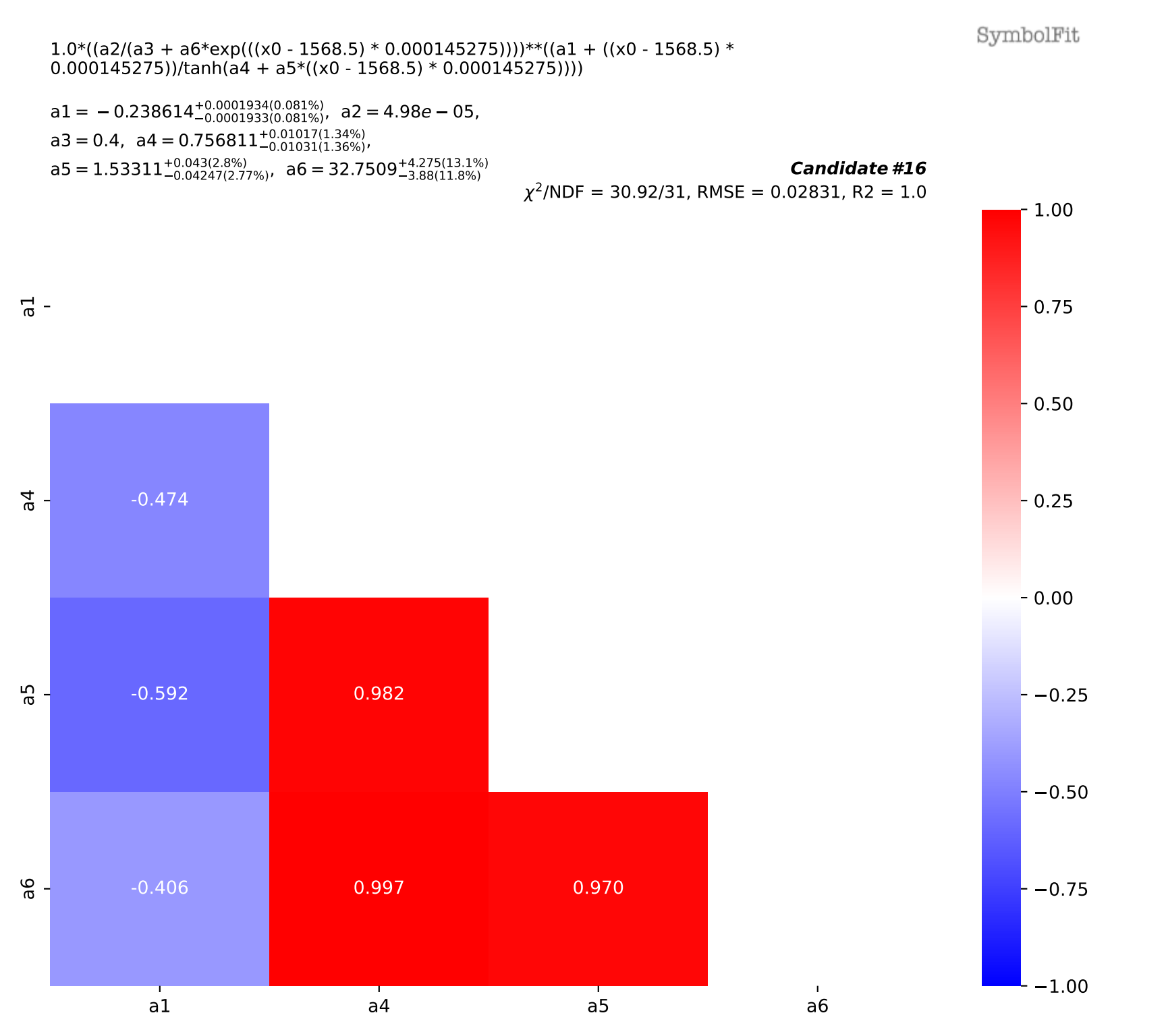
SymbolFit

1.0*((a2/(a3 + a6*exp(((x0 - 1568.5) * 0.000145275))))**((a1 + ((x0 - 1568.5) * 0.000145275))/tanh(a4 + a5*((x0 - 1568.5) * 0.000145275))))

$a1 = -0.238614^{+0.0001934(0.081\%)}_{-0.0001933(0.081\%)}$, $a2 = 4.98e-05$,
$a3 = 0.4$, $a4 = 0.756811^{+0.01017(1.34\%)}_{-0.01031(1.36\%)}$,
$a5 = 1.53311^{+0.043(2.8\%)}_{-0.04247(2.77\%)}$, $a6 = 32.7509^{+4.275(13.1\%)}_{-3.88(11.8\%)}$

Candidate #16

χ^2/NDF = 30.92/31, RMSE = 0.02831, R2 = 1.0



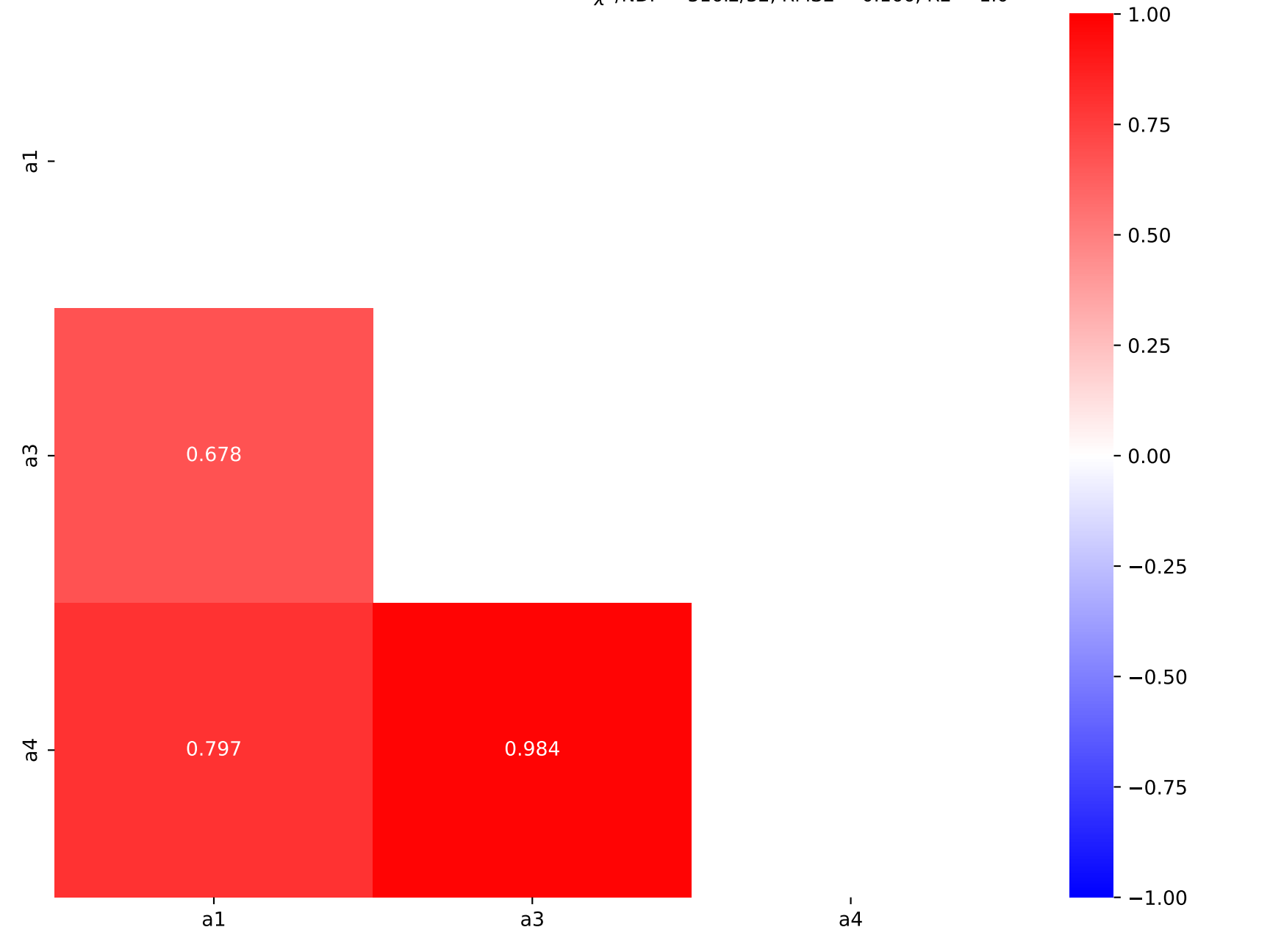
SymbolFit

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

$a1 = -0.236453^{+0.0004565(0.193\%)}_{-0.0004538(0.192\%)}$, $a2 = 4.98e-05$,
$a3 = 0.636442^{+0.006328(0.994\%)}_{-0.006222(0.978\%)}$, $a4 = 7.30189^{+0.8187(11.2\%)}_{-0.7268(9.95\%)}$

Candidate #15

χ^2/NDF = 316.2/32, RMSE = 0.166, R2 = 1.0



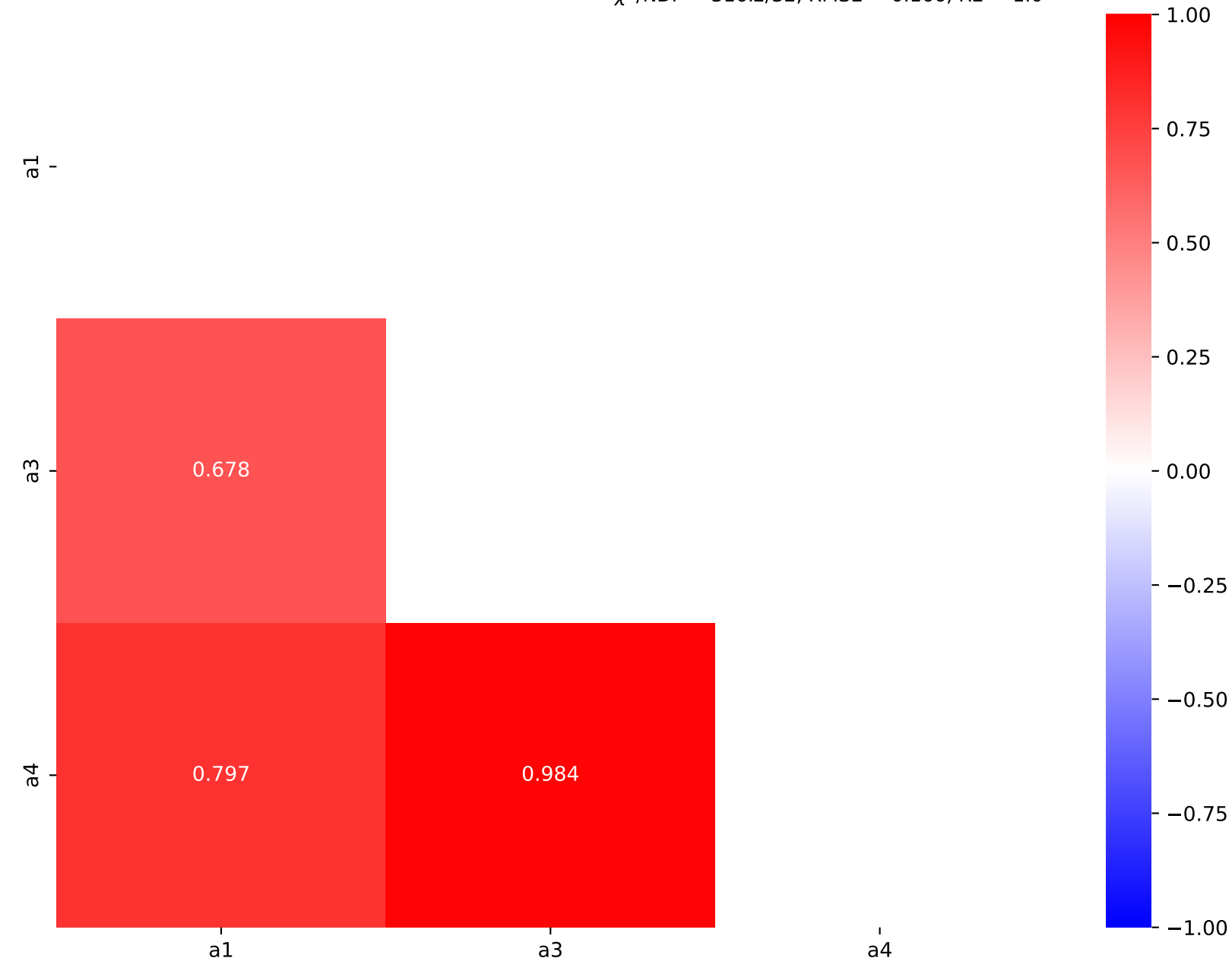
SymbolFit

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

$a1 = -0.236453^{+0.0004565(0.193\%)}_{-0.0004538(0.192\%)}$, $a2 = 4.98e-05$,
$a3 = 0.636442^{+0.006328(0.994\%)}_{-0.006222(0.978\%)}$, $a4 = 7.30189^{+0.8187(11.2\%)}_{-0.7268(9.95\%)}$

Candidate #14

χ^2/NDF = 316.2/32, RMSE = 0.166, R2 = 1.0



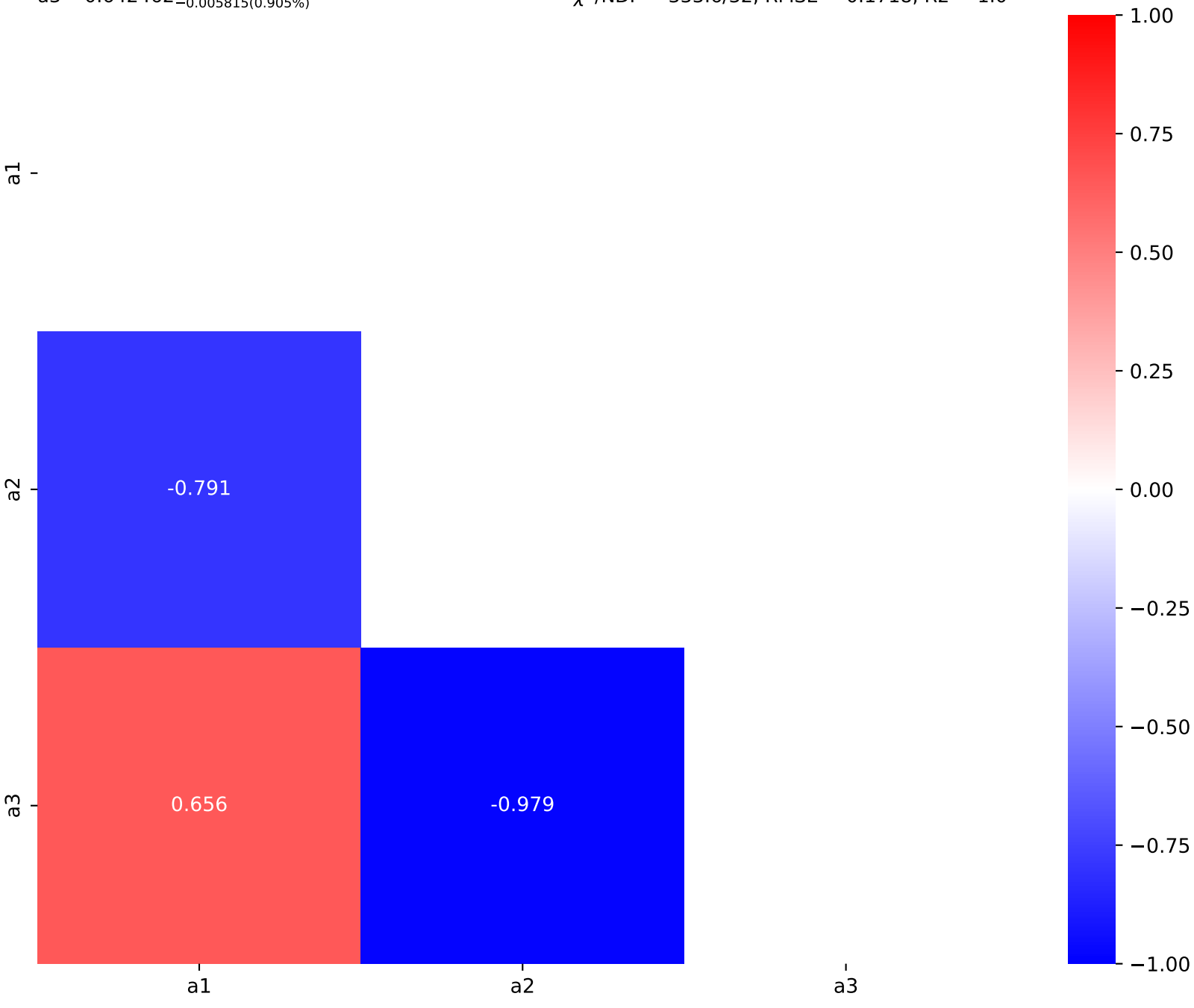
1.0*(a2**((a1 + ((x0 - 1568.5) * 0.000145275))/tanh(a3 + ((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.23635^{+0.0004612(0.195\%)}_{-0.0004579(0.194\%)}$, $a2 = 6.22378e-06^{+6.424e-07(10.3\%)}_{-5.952e-07(9.56\%)}$,
$a3 = 0.642462^{+0.005972(0.93\%)}_{-0.005815(0.905\%)}$

Candidate #13

χ^2/NDF = 333.6/32, RMSE = 0.1718, R2 = 1.0



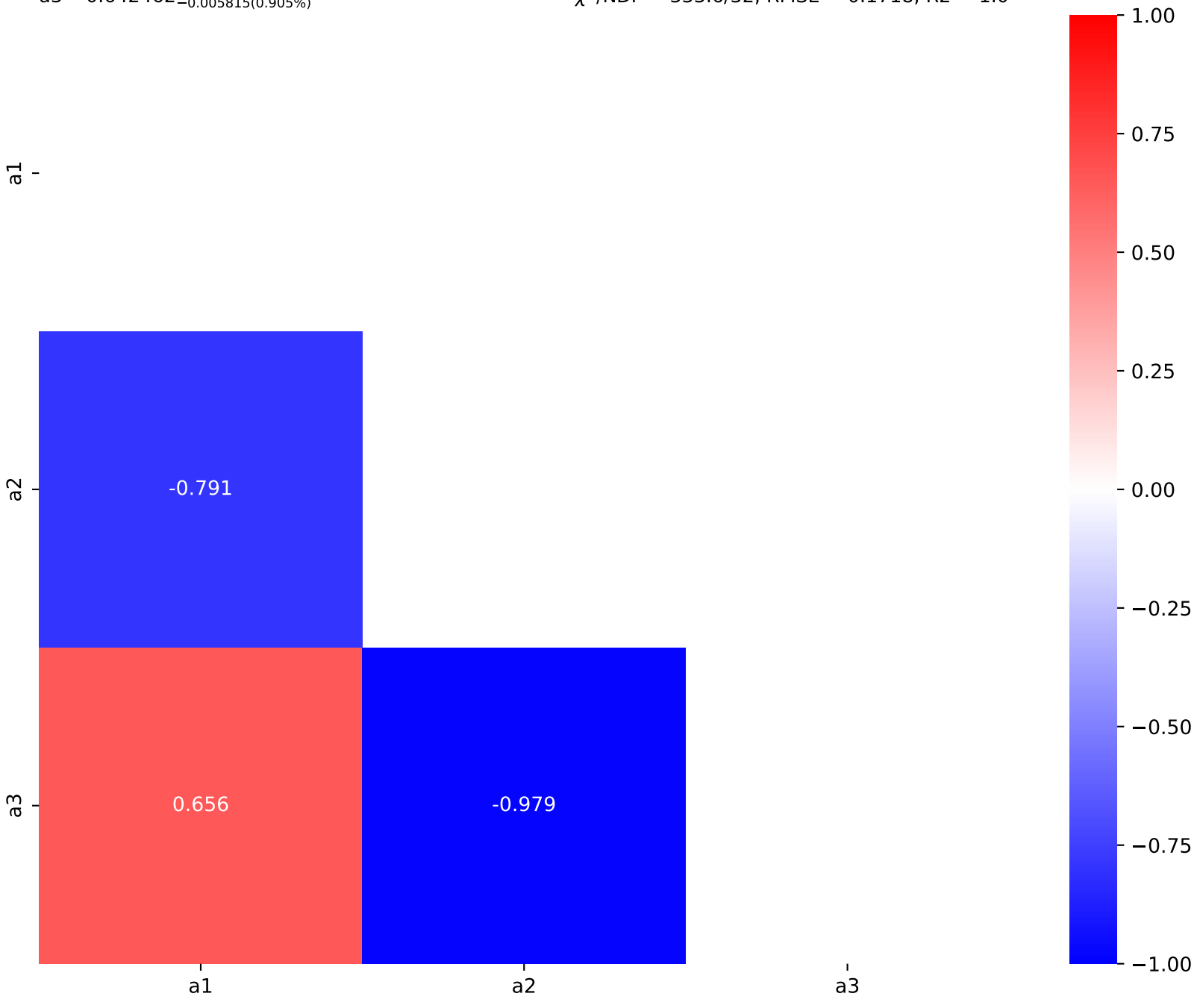
1.0*(a2**((a1 + ((x0 - 1568.5) * 0.000145275))/tanh(a3 + ((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.23635^{+0.0004612(0.195\%)}_{-0.0004579(0.194\%)}$, $a2 = 6.22378e-06^{+6.424e-07(10.3\%)}_{-5.952e-07(9.56\%)}$,
$a3 = 0.642462^{+0.005972(0.93\%)}_{-0.005815(0.905\%)}$

Candidate #12

χ^2/NDF = 333.6/32, RMSE = 0.1718, R2 = 1.0



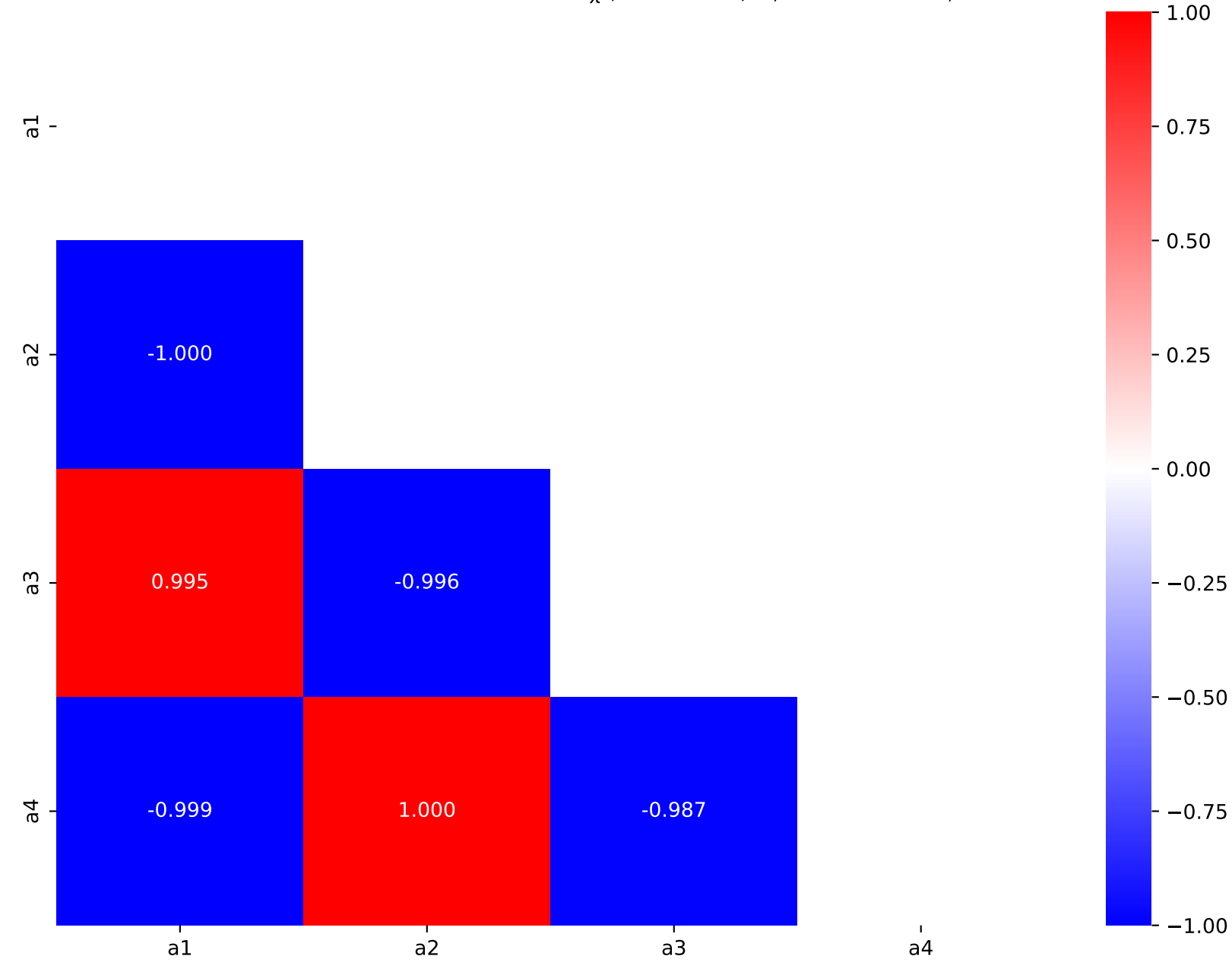
SymbolFit

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

$a1 = -0.725443^{+0.0245(3.38\%)}_{-0.0245(3.38\%)}$, $a2 = 0.00100735^{+0.000234(23.2\%)}_{-0.000234(23.2\%)}$,
$a3 = 0.384686^{+0.00957(2.49\%)}_{-0.00957(2.49\%)}$, $a4 = 1.42649^{+0.0772(5.41\%)}_{-0.0772(5.41\%)}$

Candidate #11

χ^2/NDF = 30.14/31, RMSE = 0.02375, R2 = 1.0



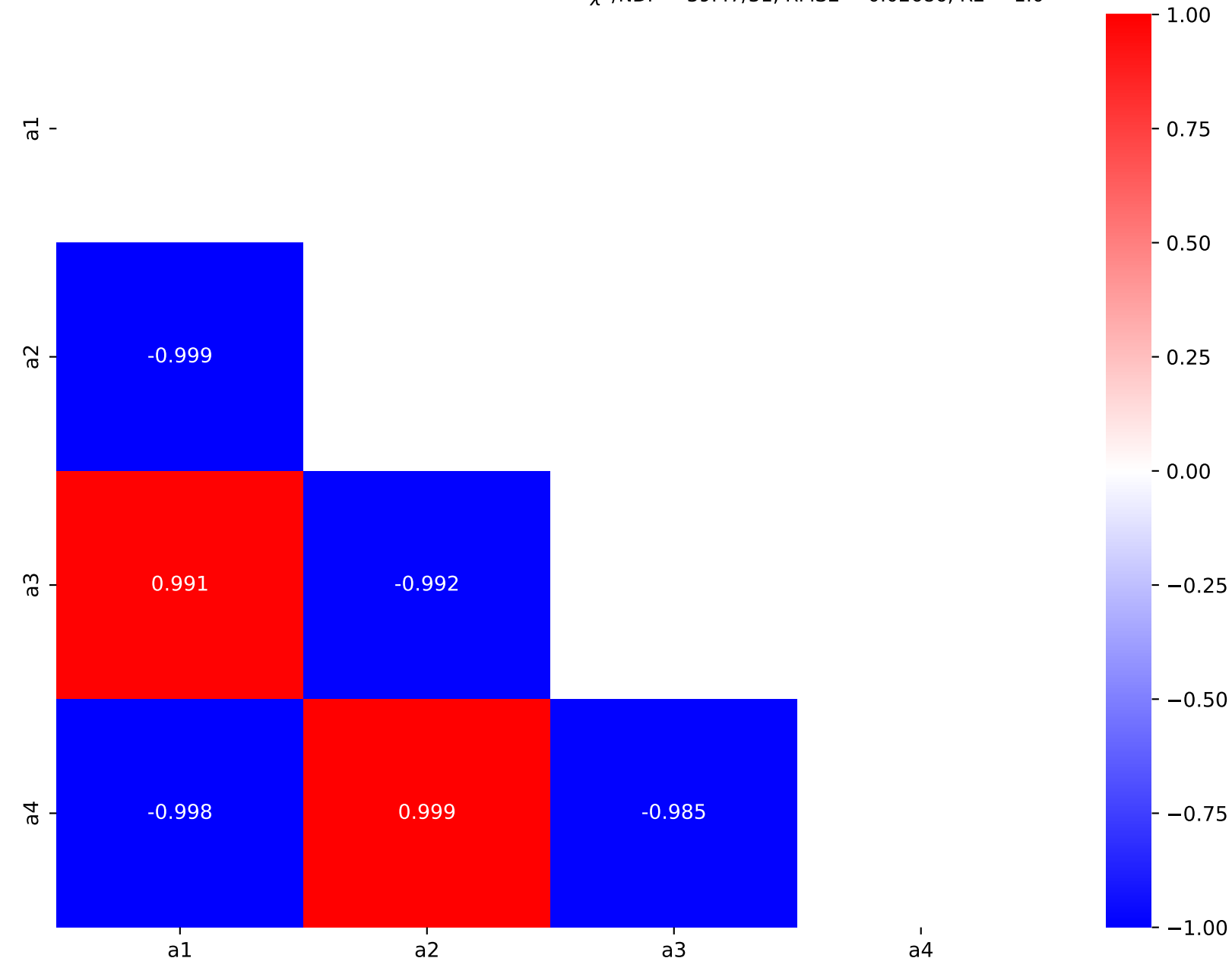
SymbolFit

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

$a1 = -0.889641^{+0.0298(3.35\%)}_{-0.0298(3.35\%)}$, $a2 = 0.00359819^{+0.000676(18.8\%)}_{-0.000676(18.8\%)}$,
$a3 = 0.339232^{+0.00876(2.58\%)}_{-0.00876(2.58\%)}$, $a4 = 2.00351^{+0.0978(4.88\%)}_{-0.0978(4.88\%)}$

Candidate #10

χ^2/NDF = 39.47/31, RMSE = 0.02686, R2 = 1.0



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

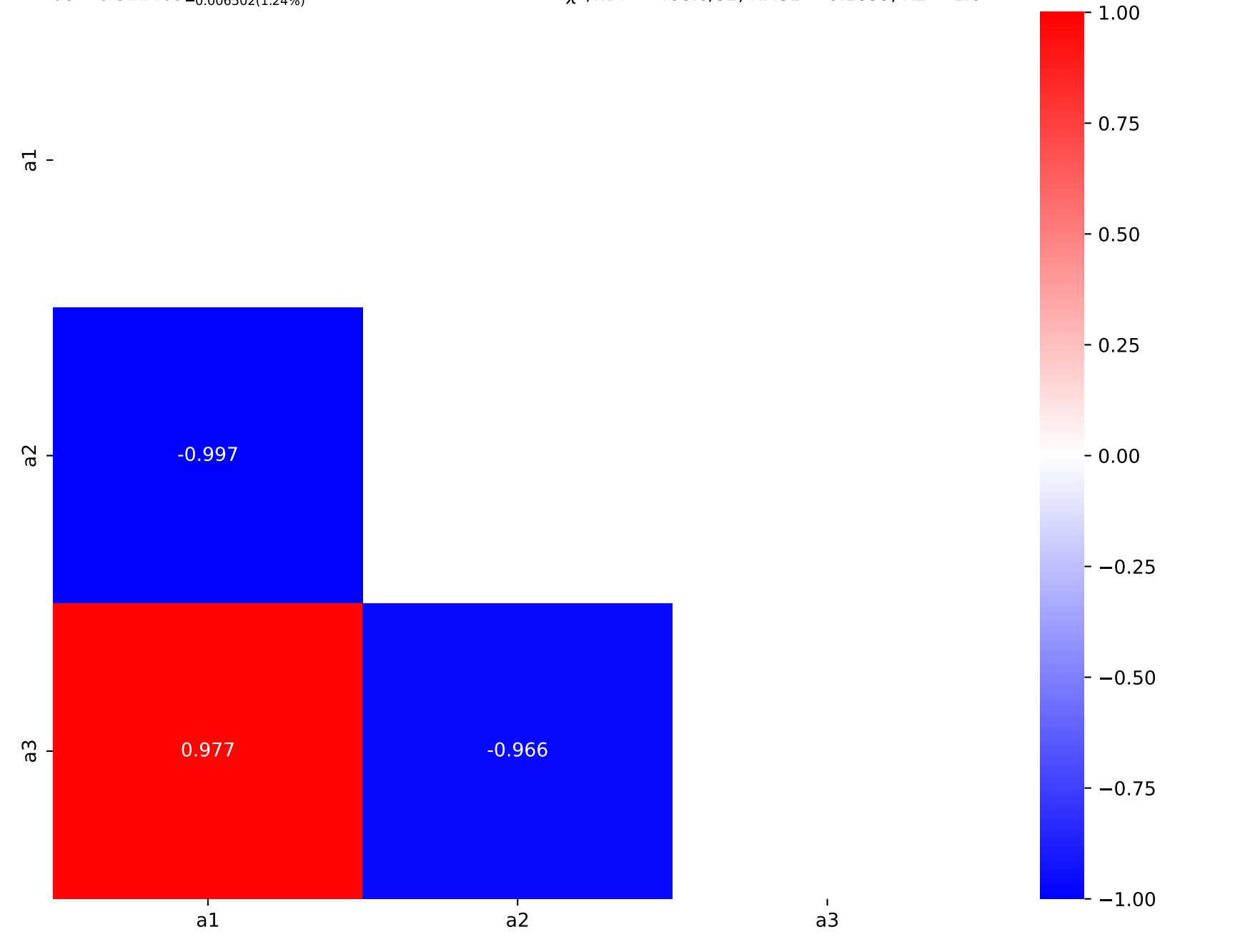
SymbolFit

$a1 = -0.538106^{+0.003233(0.601\%)}_{-0.003179(0.591\%)}$, $a2 = 9.21418e-05^{+5.028e-06(5.46\%)}_{-4.905e-06(5.32\%)}$,

$a3 = 0.522409^{+0.006727(1.29\%)}_{-0.006502(1.24\%)}$

Candidate #9

χ^2/NDF = 408.0/32, RMSE = 0.1839, R2 = 1.0



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

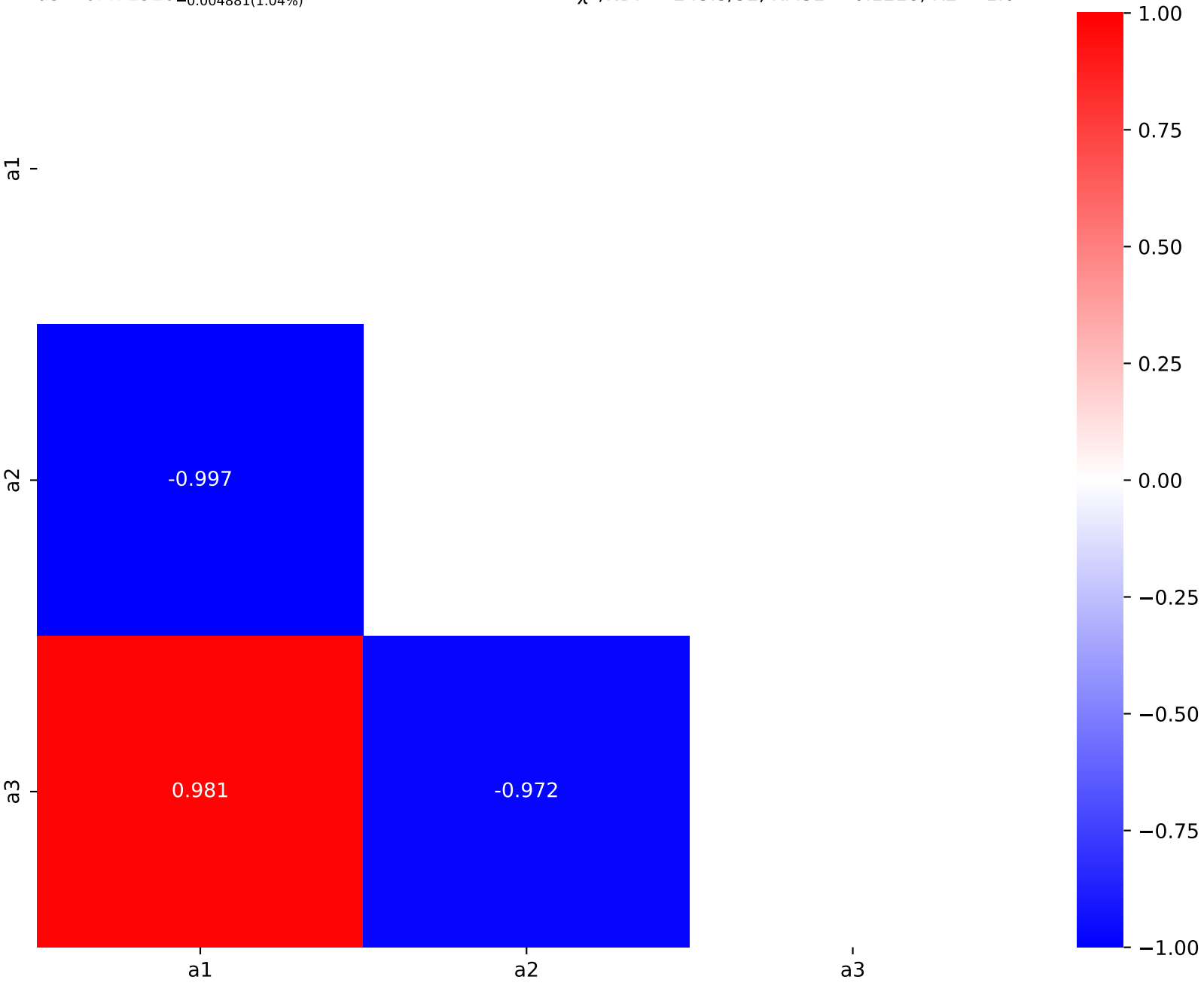
SymbolFit

$a1 = -0.571056^{+0.002964(0.519\%)}_{-0.00293(0.513\%)}$, $a2 = 0.00015696^{+6.991e-06(4.45\%)}_{-6.839e-06(4.36\%)}$,

$a3 = 0.471326^{+0.005012(1.06\%)}_{-0.004881(1.04\%)}$

Candidate #8

χ^2/NDF = 243.3/32, RMSE = 0.1218, R2 = 1.0



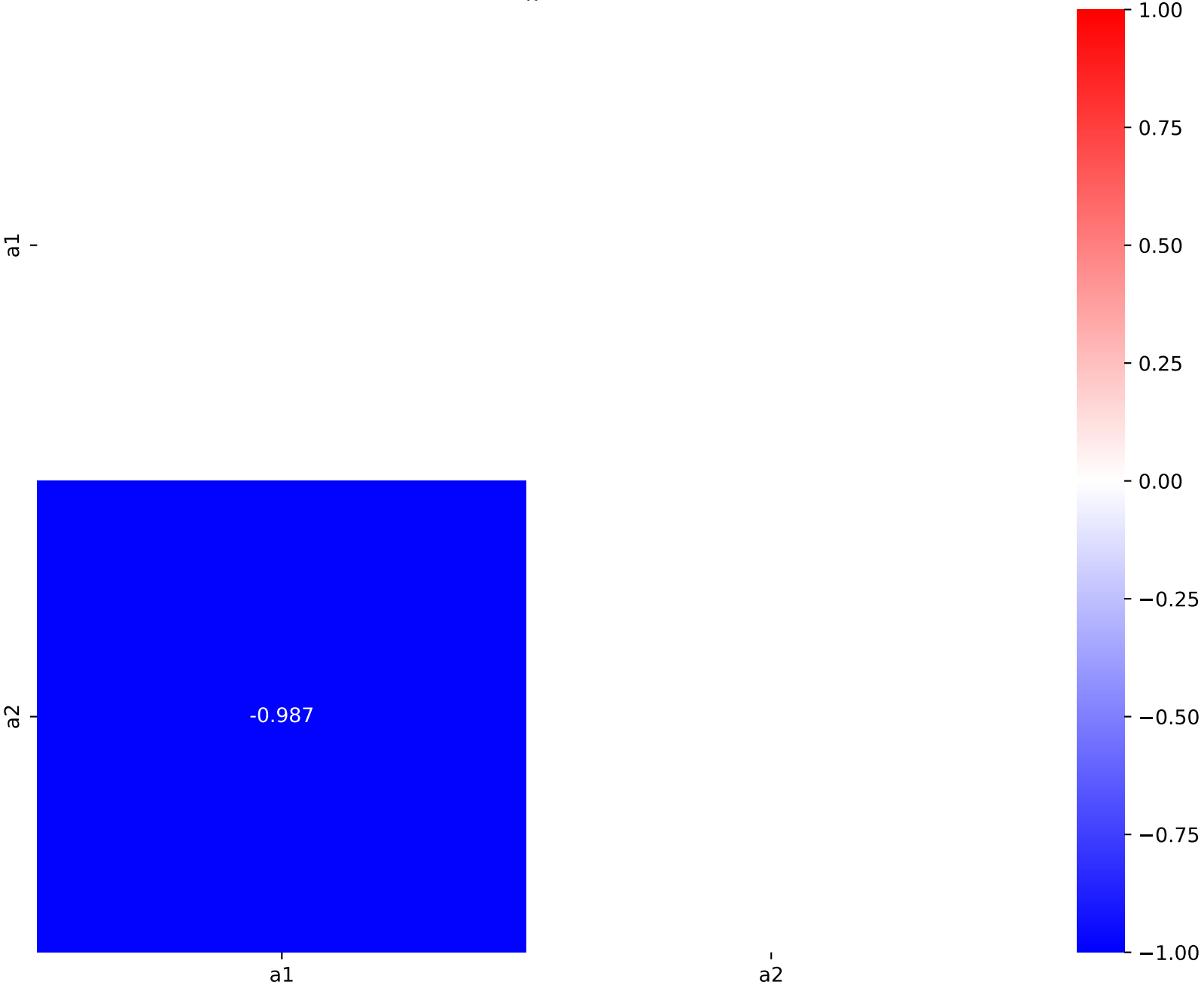
1.0*(a2**(((x0 - 1568.5) * 0.000145275) + (a1 + ((x0 - 1568.5) * 0.000145275))*exp(-((x0 - 1568.5) * 0.000145275))))

SymbolFit

$a1 = -0.499216^{+0.004929(0.987\%)}_{-0.004962(0.994\%)}$, $a2 = 4.74559e-05^{+5.599e-06(11.8\%)}_{-5.068e-06(10.7\%)}$

Candidate #7

χ^2/NDF = 11530.0/33, RMSE = 1.034, R2 = 0.9991



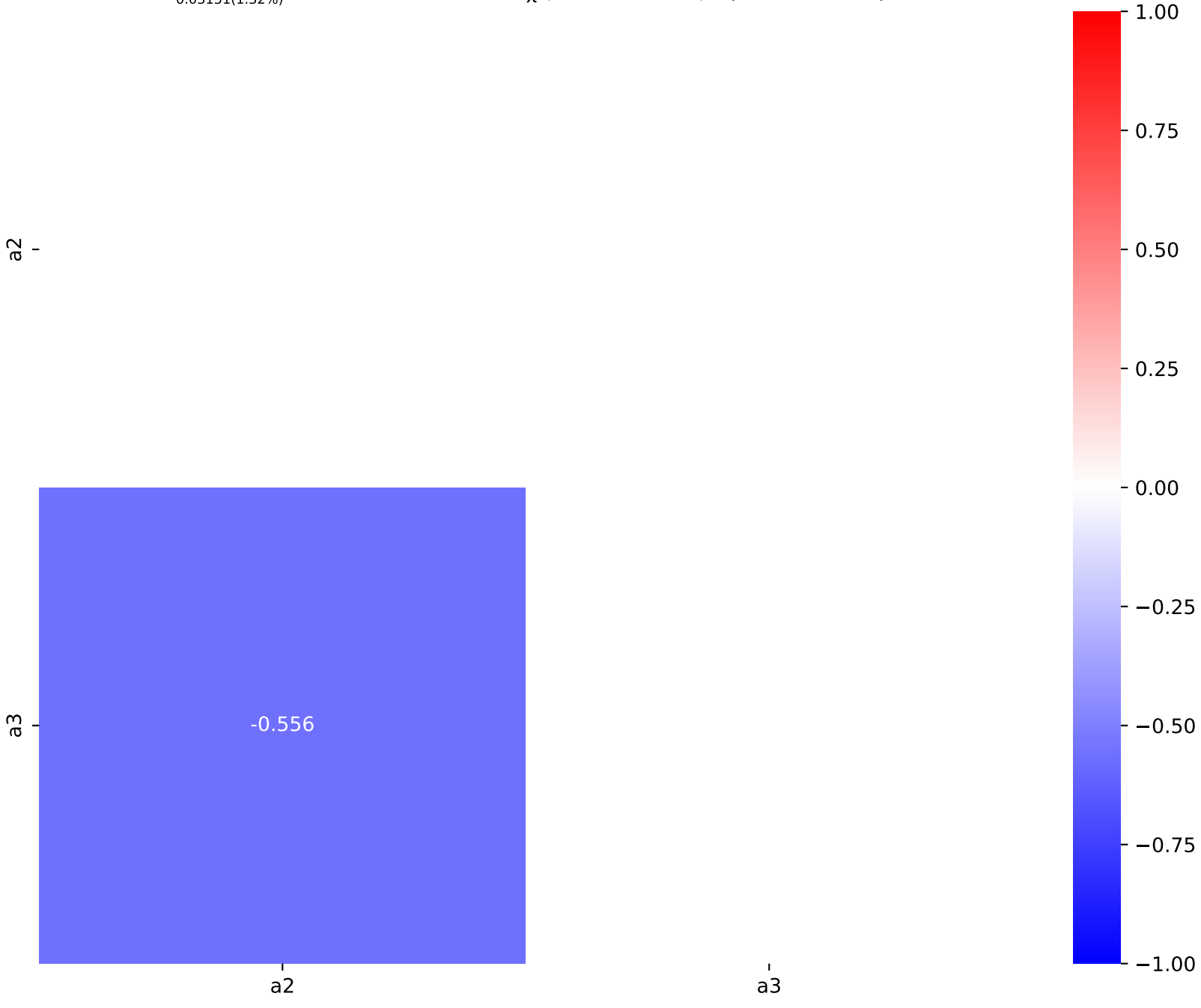
1.0*(a2**(a1 + a3*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.5,\ a2 = 4.96357e-05^{+1.754e-06(3.53\%)}_{-1.674e-06(3.37\%)},$
$a3 = 2.38701^{+0.03206(1.34\%)}_{-0.03151(1.32\%)}$

SymbolFit

Candidate #6

χ^2/NDF = 28850.0/33, RMSE = 1.466, R2 = 0.9981



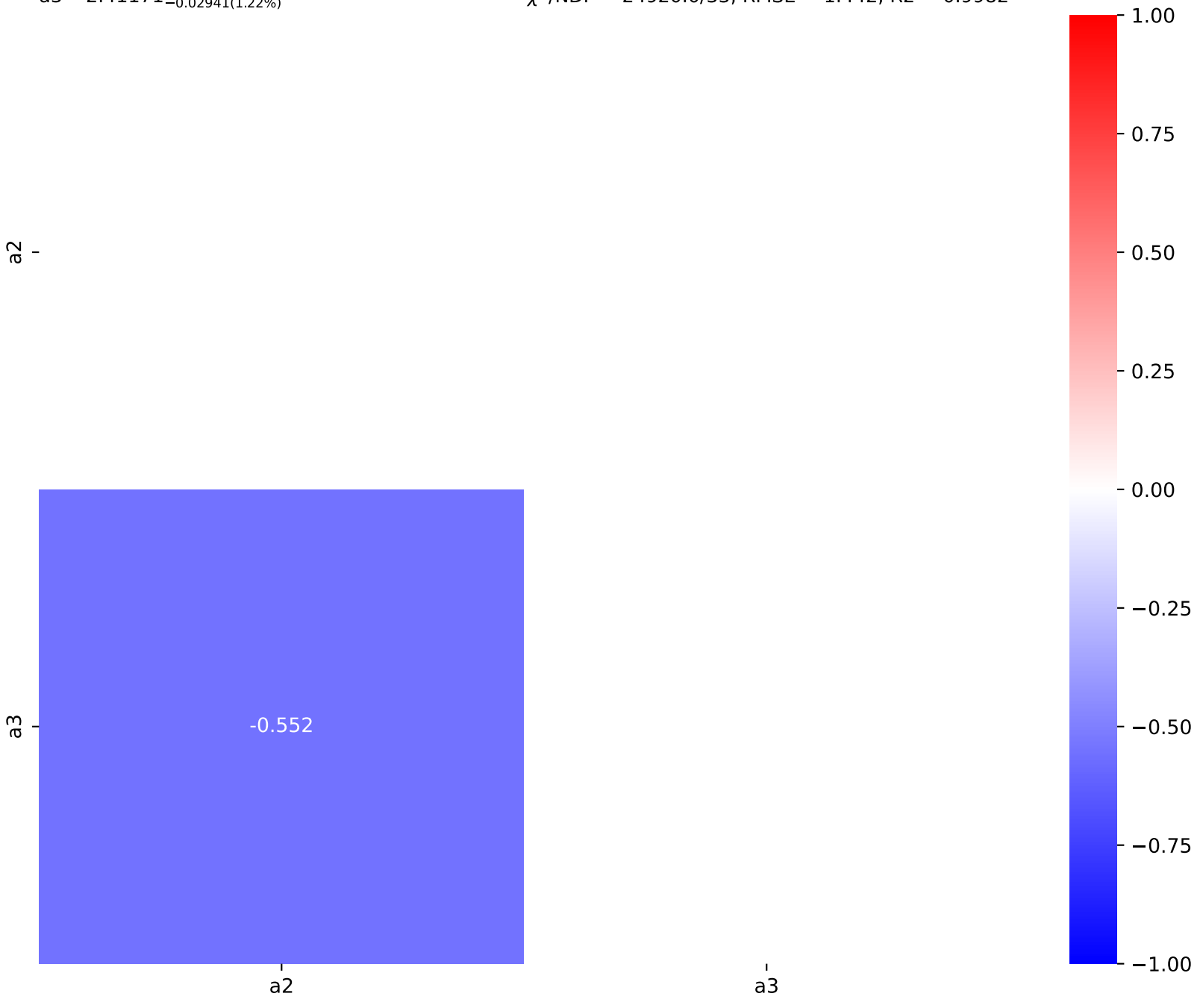
1.0*(a2**(a1 + a3*tanh(((x0 - 1568.5) * 0.000145275))))

$a1 = -0.504,\ a2 = 5.36341e-05^{+1.743e-06(3.25\%)}_{-1.67e-06(3.11\%)},$
$a3 = 2.41171^{+0.02991(1.24\%)}_{-0.02941(1.22\%)}$

SymbolFit

Candidate #5

χ^2/NDF = 24920.0/33, RMSE = 1.442, R2 = 0.9982



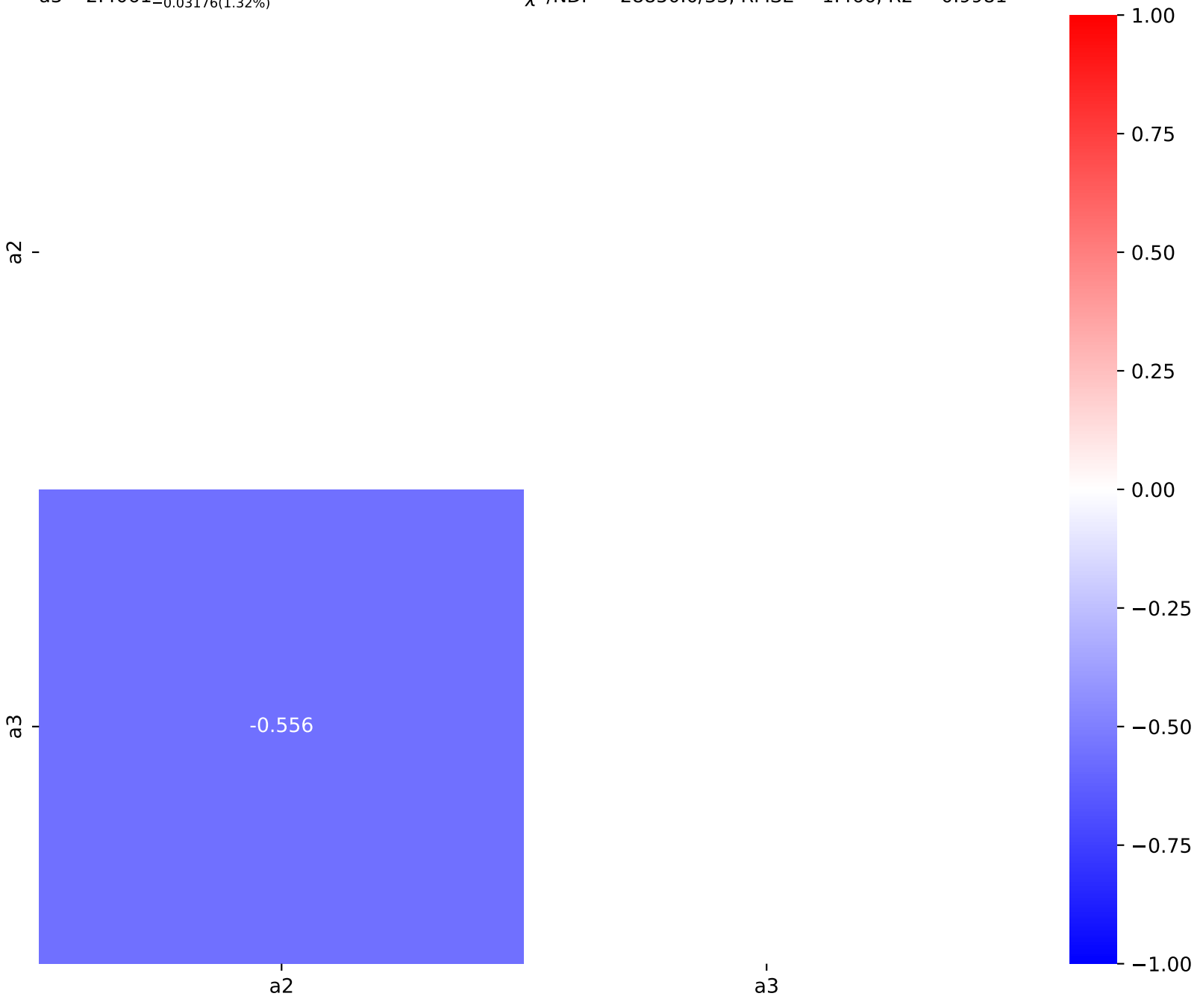
1.0*(a2**(a1 + a3*((x0 - 1568.5) * 0.000145275)))

$a1 = -0.504,\ a2 = 5.36976e-05^{+1.882e-06(3.51\%)}_{-1.797e-06(3.35\%)},$
$a3 = 2.4061^{+0.03232(1.34\%)}_{-0.03176(1.32\%)}$

SymbolFit

Candidate #4

χ^2/NDF = 28850.0/33, RMSE = 1.466, R2 = 0.9981



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

$a1 = -1.42,\ \ a2 = 4.85834e-05^{+1.55e-05(31.9\%)}_{-1.55e-05(31.9\%)}$

SymbolFit

Candidate #3

χ^2/NDF = 2237000.0/34, RMSE = 17.95, R2 = 0.715

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

$a1 = 9.06e-06,\ \ a2 = 54.3973^{+6.77(12.4\%)}_{-6.77(12.4\%)}$

SymbolFit

Candidate #2

χ^2/NDF = 2191000.0/34, RMSE = 20.76, R2 = 0.6189

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

a1 = 0.000691

Candidate #1

χ^2/NDF = 6161000.0/35, RMSE = 36.73, R2 = -0.1932

1.0*(a1)

a1 = 0.000283

Candidate #0

χ^2/NDF = 6359000.0/35, RMSE = 37.07, R2 = -0.2158