SymbolFit

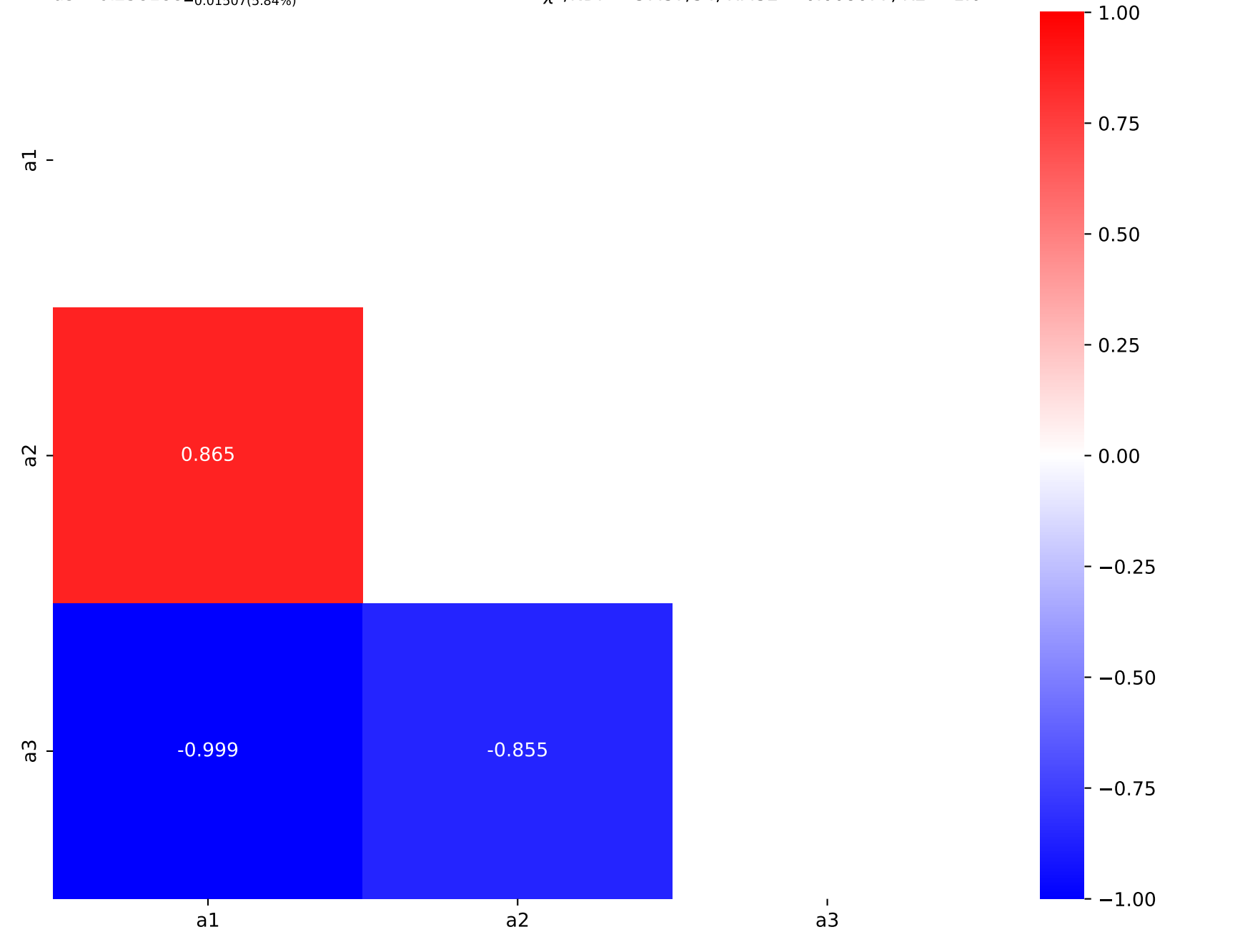
1.0*((a2*exp(((x0 - 1568.5) * 0.000136221)))**(((x0 - 1568.5) * 0.000136221) + tanh(((x0 - 1568.5) * 0.000136221)))*tanh(a3 + 2*((x0 - 1568.5) * 0.000136221))**a1)

$a1 = -1.41087^{+0.05537(3.92\%)}_{-0.06356(4.5\%)}$, $a2 = 0.000220451^{+8.7e-06(3.95\%)}_{-8.515e-06(3.86\%)}$,

$a3 = 0.258188^{+0.01695(6.57\%)}_{-0.01507(5.84\%)}$

Candidate #14

χ^2/NDF = 37.37/34, RMSE = 0.008677, R2 = 1.0



SymbolFit

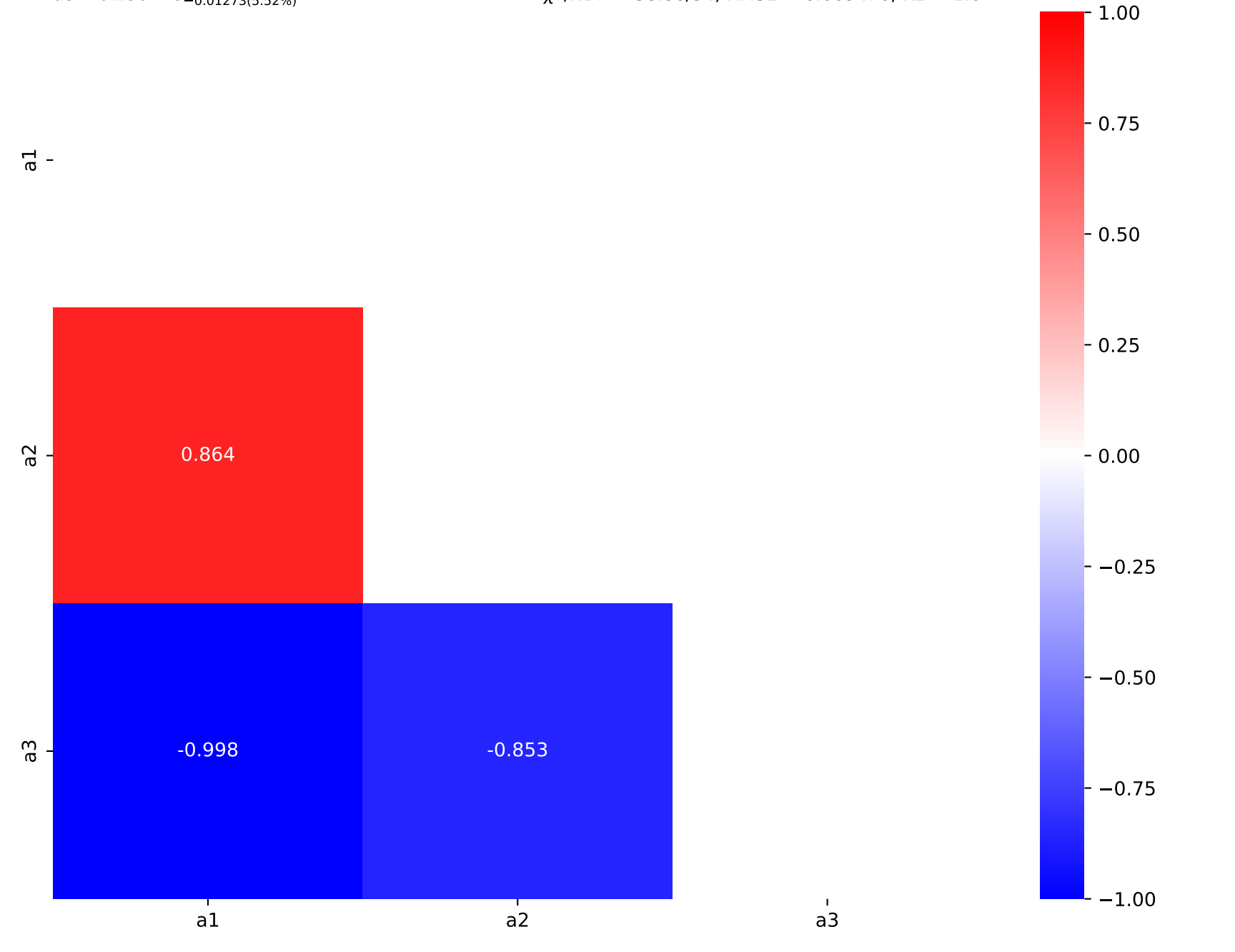
1.0*((a2*exp(((x0 - 1568.5) * 0.000136221)))**(2*((x0 - 1568.5) * 0.000136221))*tanh(a3 + 2*((x0 - 1568.5) * 0.000136221))**a1)

$a1 = -1.30843^{+0.04533(3.46\%)}_{-0.05139(3.93\%)}$, $a2 = 0.000244868^{+9.85e-06(4.02\%)}_{-9.664e-06(3.95\%)}$,

$a3 = 0.230478^{+0.01421(6.17\%)}_{-0.01273(5.52\%)}$

Candidate #13

χ^2/NDF = 38.86/34, RMSE = 0.009476, R2 = 1.0



SymbolFit

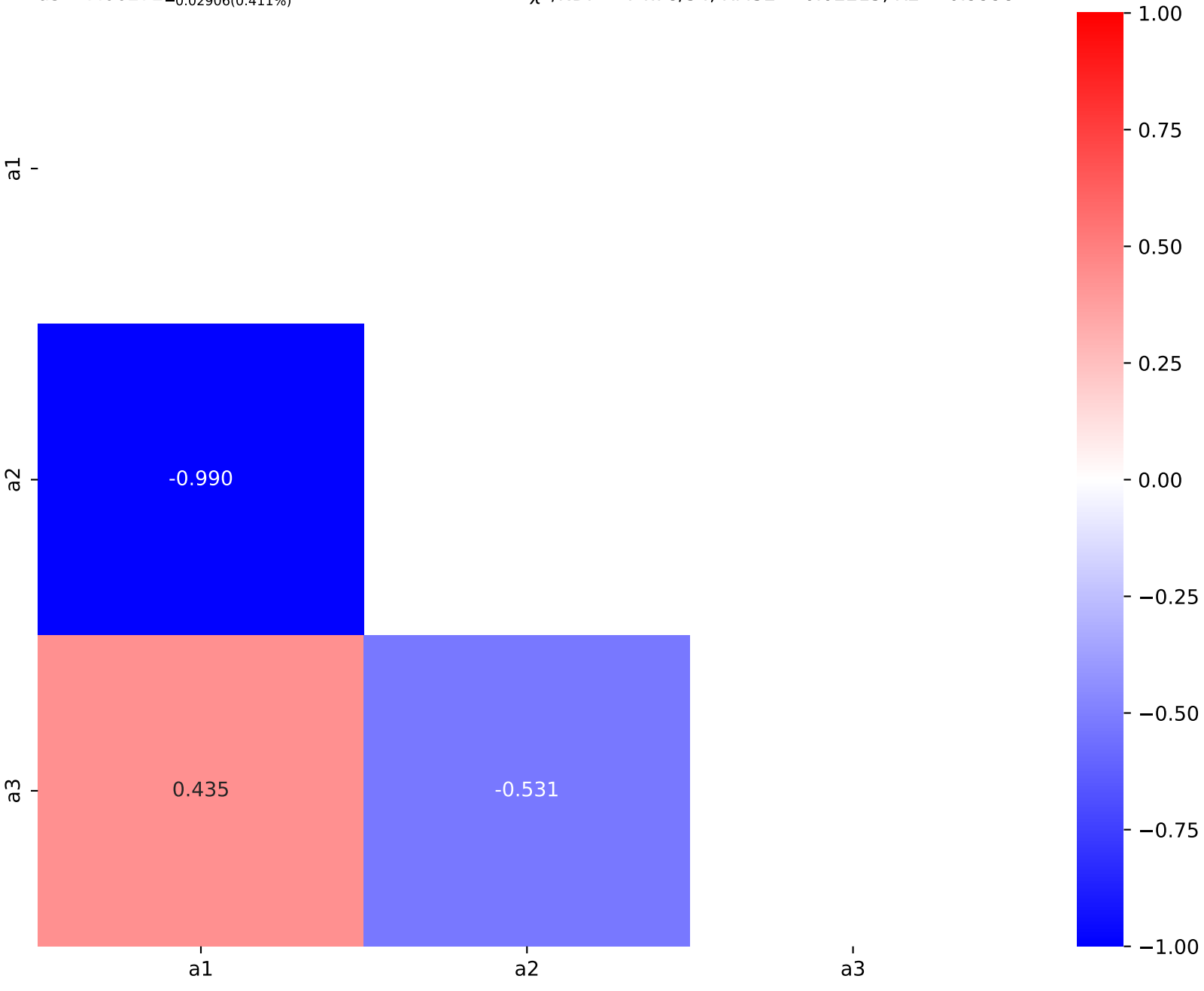
1.0*(a3*(a1*((x0 - 1568.5) * 0.000136221)*(a2 + ((x0 - 1568.5) * 0.000136221)))**(((x0 - 1568.5) * 0.000136221) + tanh(((x0 - 1568.5) * 0.000136221))))

$a1 = 0.000113257^{+2.283e-05(20.2\%)}_{-2.304e-05(20.3\%)}$, $a2 = 0.404228^{+0.1389(34.4\%)}_{-0.09104(22.5\%)}$,

$a3 = 7.06272^{+0.02923(0.414\%)}_{-0.02906(0.411\%)}$

Candidate #12

χ^2/NDF = 74.78/34, RMSE = 0.02215, R2 = 0.9998



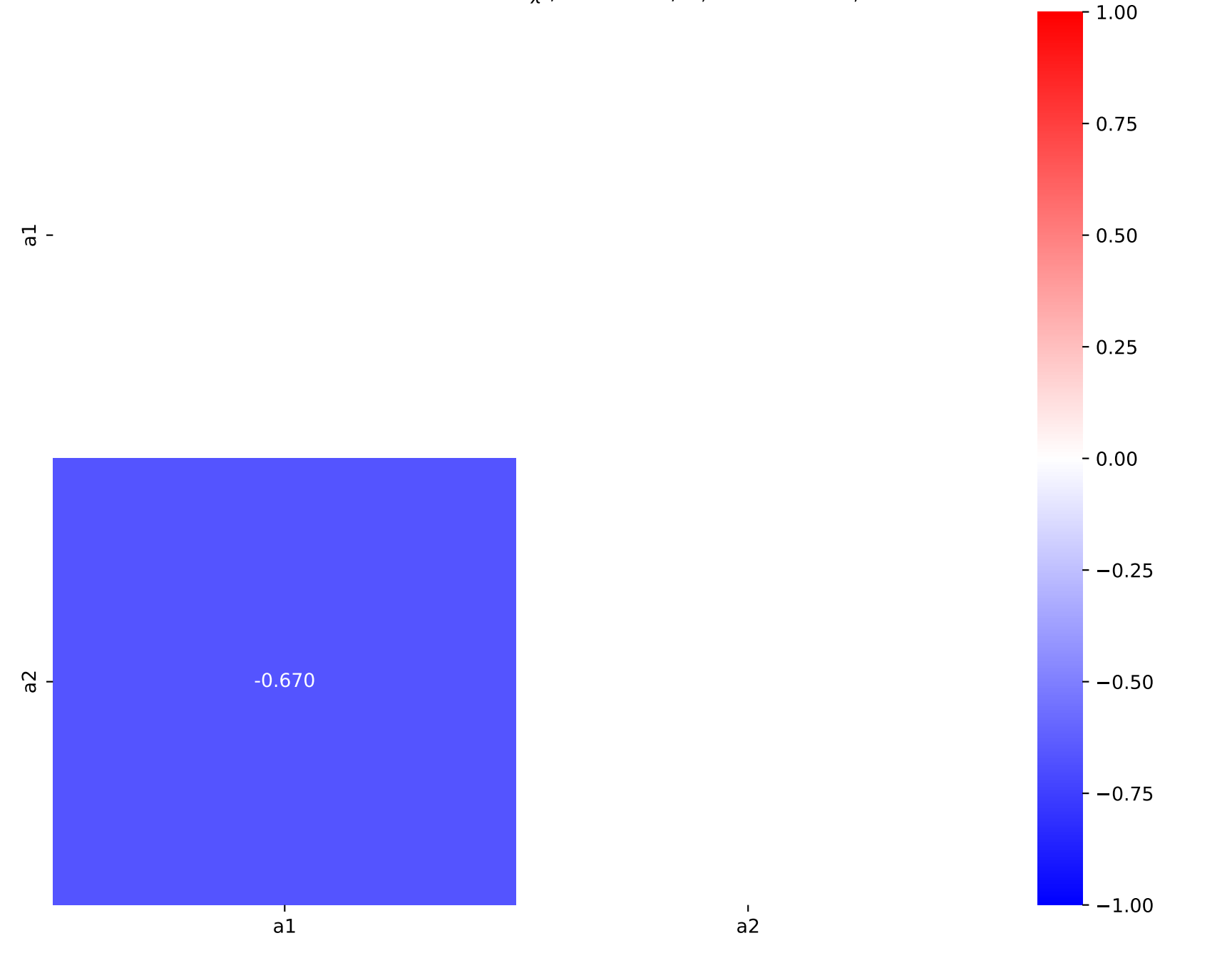
1.0*(a2*(a1*((x0 - 1568.5) * 0.000136221))**(((x0 - 1568.5) * 0.000136221) + tanh(((x0 - 1568.5) * 0.000136221))))

SymbolFit

$a1 = 6.19072e-05^{+2.765e-06(4.47\%)}_{-2.661e-06(4.3\%)}$, $a2 = 6.99945^{+0.0329(0.47\%)}_{-0.03285(0.469\%)}$

Candidate #11

χ^2/NDF = 129.2/35, RMSE = 0.0176, R2 = 0.9999



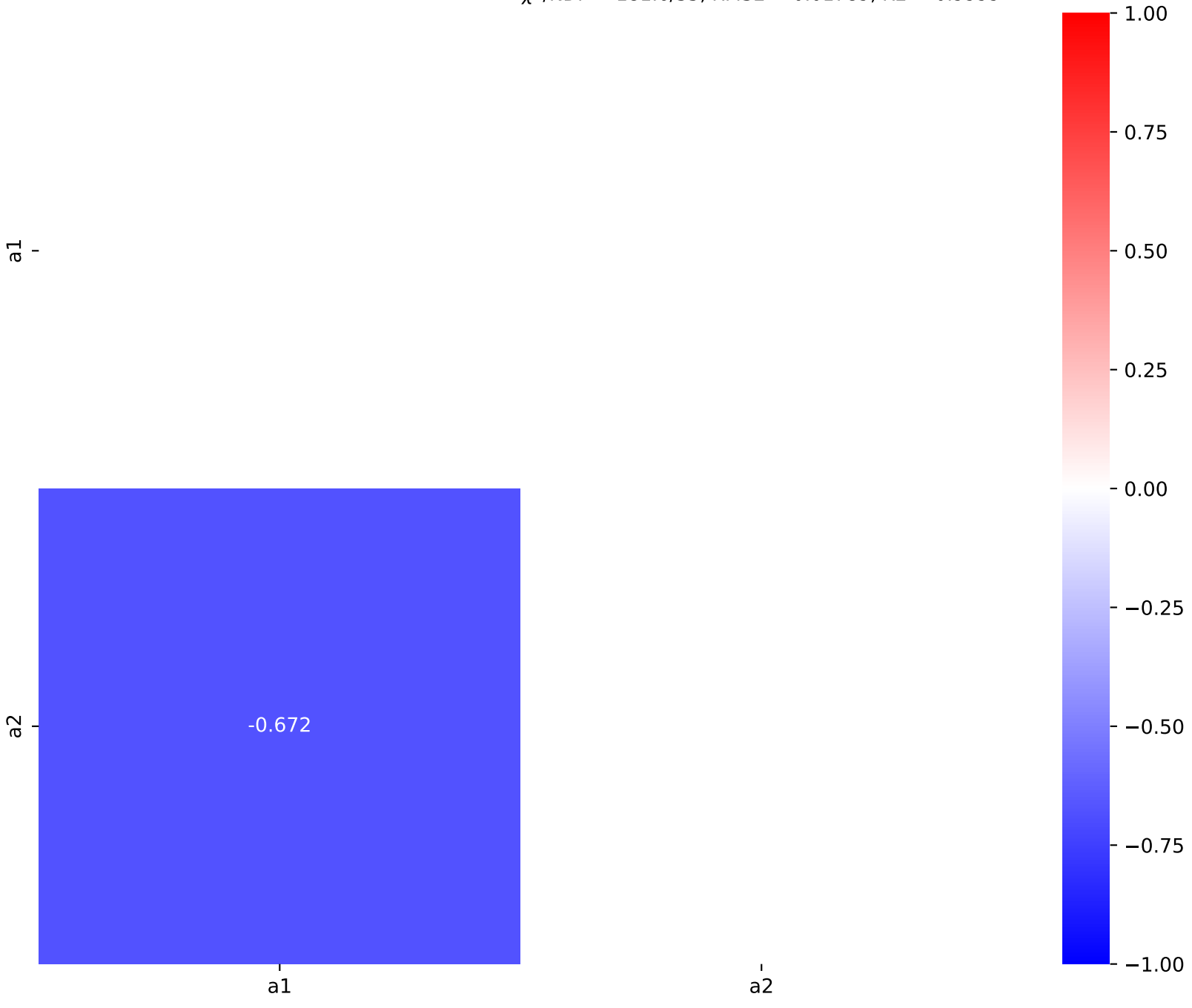
1.0*(a2*(a1*((x0 - 1568.5) * 0.000136221))**(2*((x0 - 1568.5) * 0.000136221)))

SymbolFit

$a1 = 6.44003e-05^{+3.456e-06(5.37\%)}_{-3.302e-06(5.13\%)}$, $a2 = 6.98797^{+0.03912(0.56\%)}_{-0.03904(0.559\%)}$

Candidate #10

χ^2/NDF = 181.6/35, RMSE = 0.01789, R2 = 0.9999



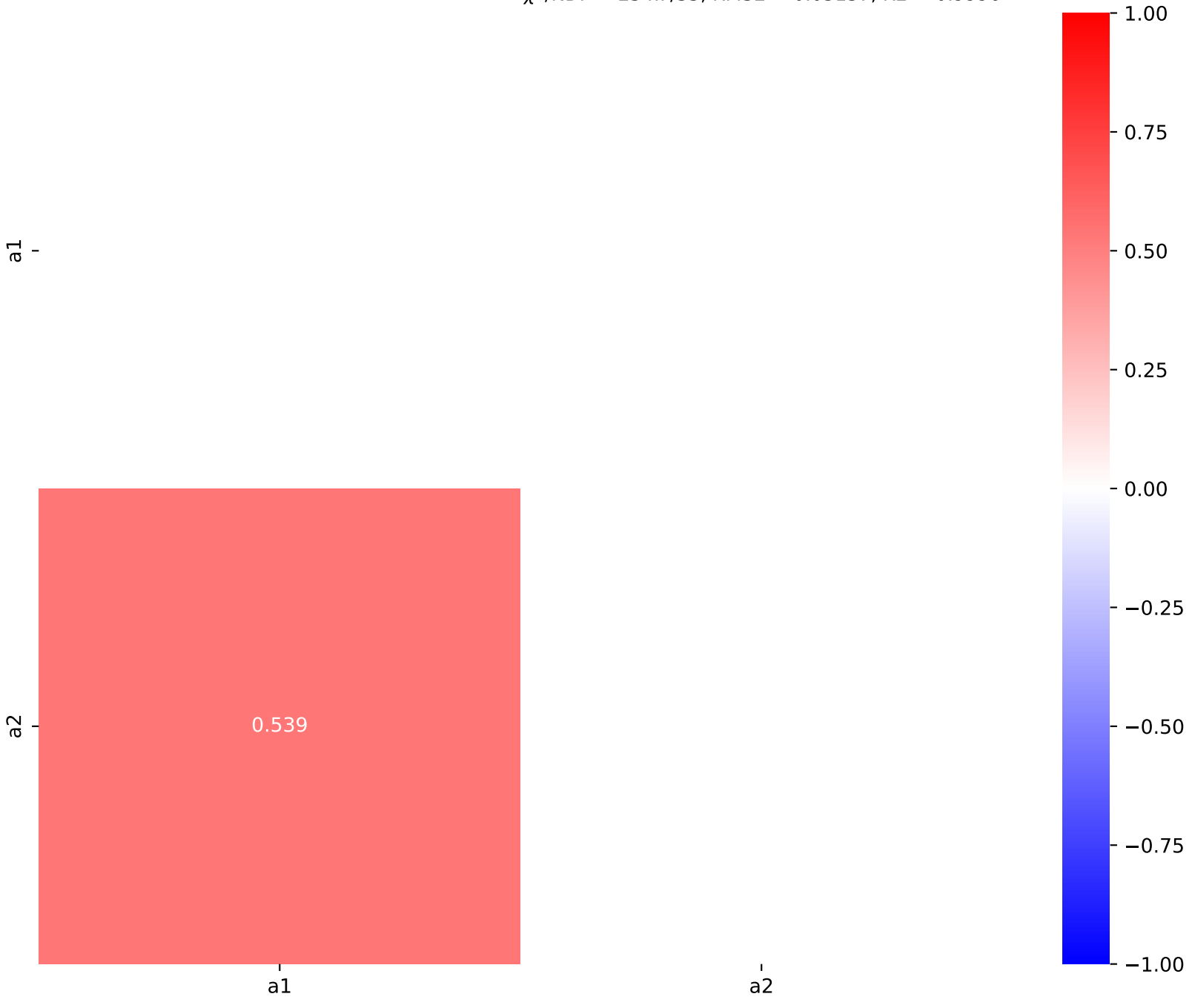
1.0*(a1**(2*tanh(((x0 - 1568.5) * 0.000136221)))/tanh(a2 + ((x0 - 1568.5) * 0.000136221)))

SymbolFit

$a1 = 8.39448e-05^{+4.796e-06(5.71\%)}_{-4.58e-06(5.46\%)}$, $a2 = 0.14787^{+0.001048(0.709\%)}_{-0.001036(0.701\%)}$

Candidate #9

χ^2/NDF = 254.7/35, RMSE = 0.03137, R2 = 0.9996



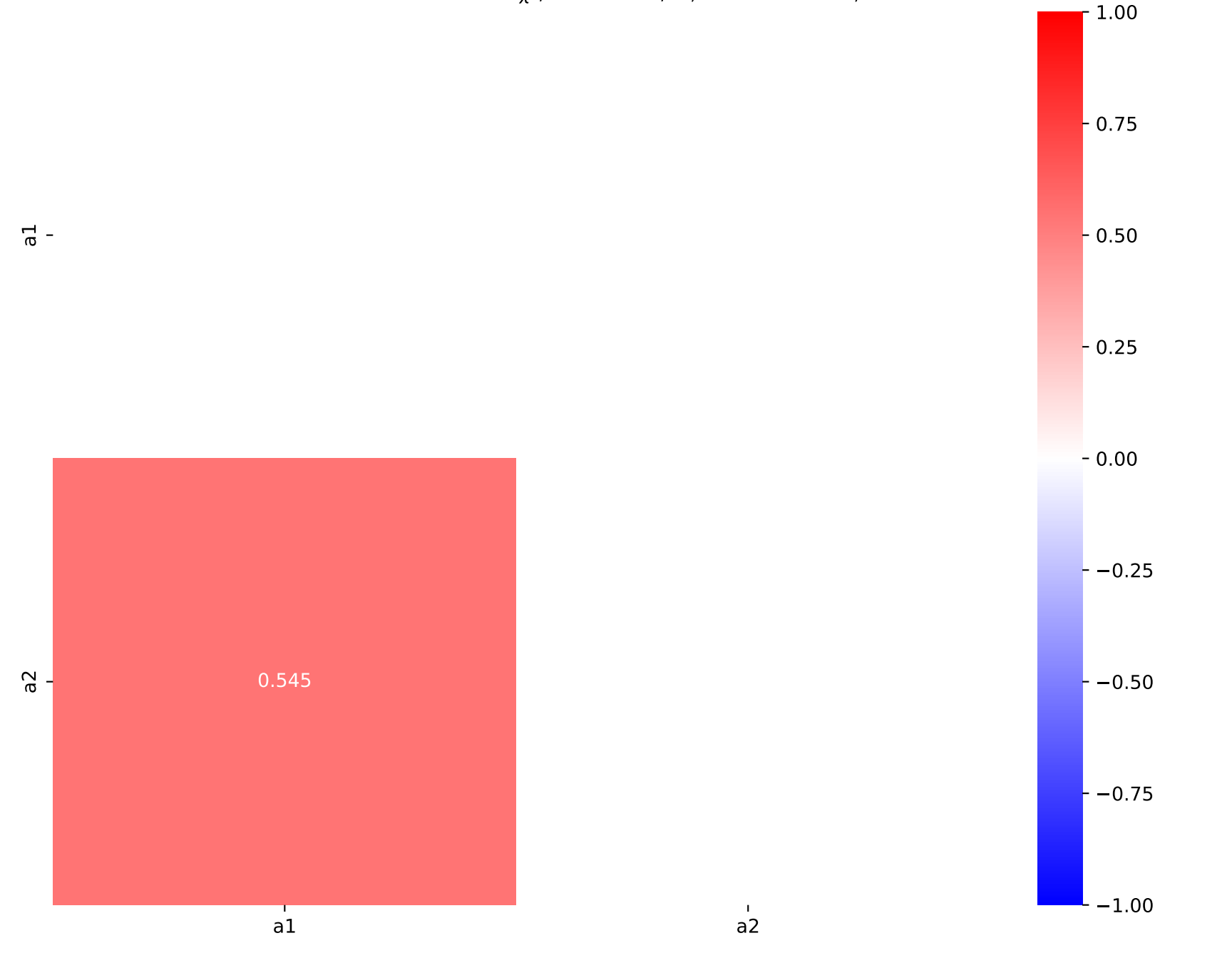
1.0*(a1**(((x0 - 1568.5) * 0.000136221) + tanh(((x0 - 1568.5) * 0.000136221)))/tanh(a2 + ((x0 - 1568.5) * 0.000136221)))

SymbolFit

$a1 = 8.62319e-05^{+5.538e-06(6.42\%)}_{-5.257e-06(6.1\%)}$, $a2 = 0.148047^{+0.001172(0.792\%)}_{-0.001158(0.782\%)}$

Candidate #8

χ^2/NDF = 315.8/35, RMSE = 0.03296, R2 = 0.9996



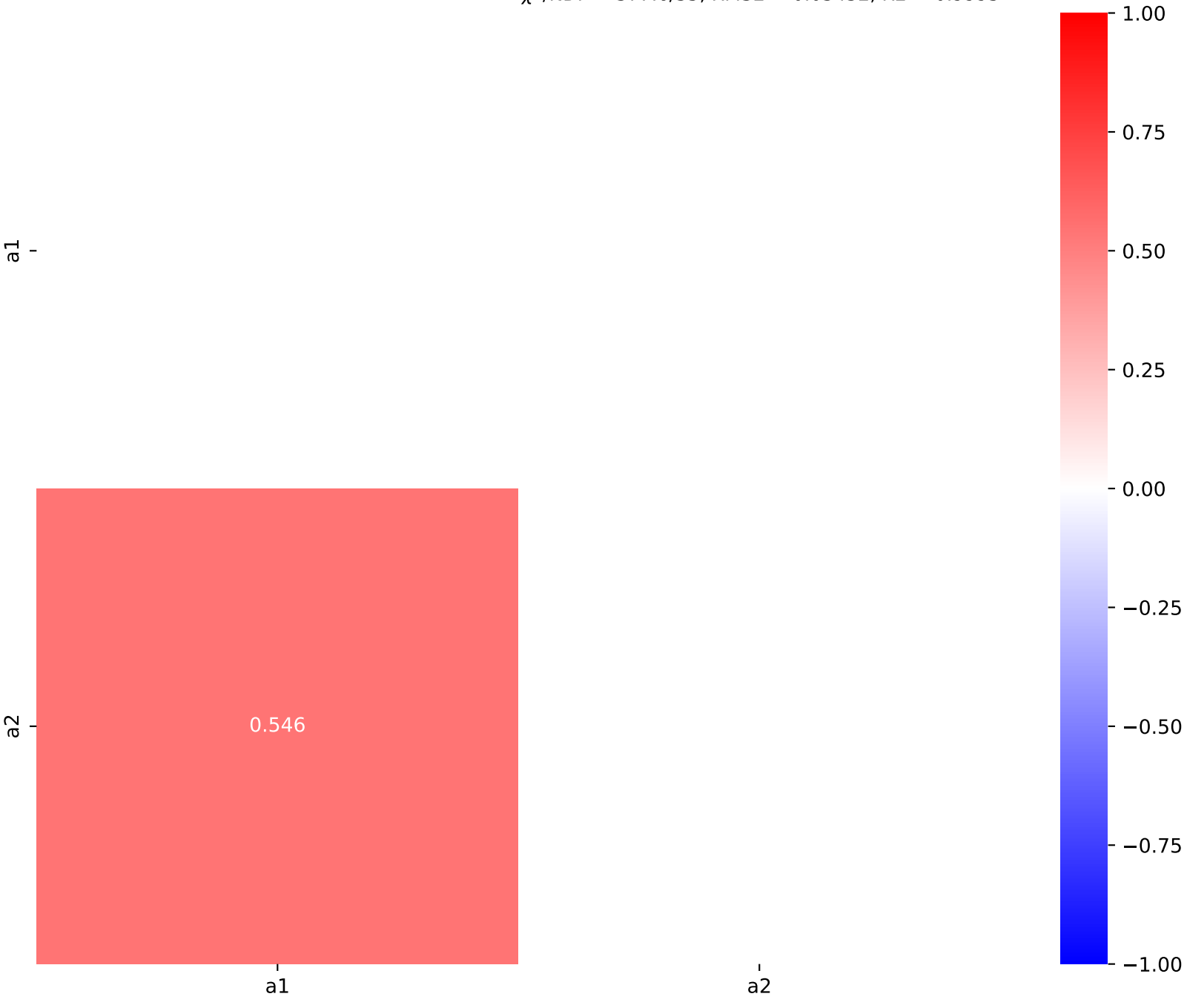
1.0*(a1**(2*((x0 - 1568.5) * 0.000136221))/tanh(a2 + ((x0 - 1568.5) * 0.000136221)))

SymbolFit

$a1 = 8.83075e-05^{+6.248e-06(7.08\%)}_{-5.898e-06(6.68\%)}$, $a2 = 0.148194^{+0.001287(0.868\%)}_{-0.001269(0.856\%)}$

Candidate #7

χ^2/NDF = 377.6/35, RMSE = 0.03432, R2 = 0.9995



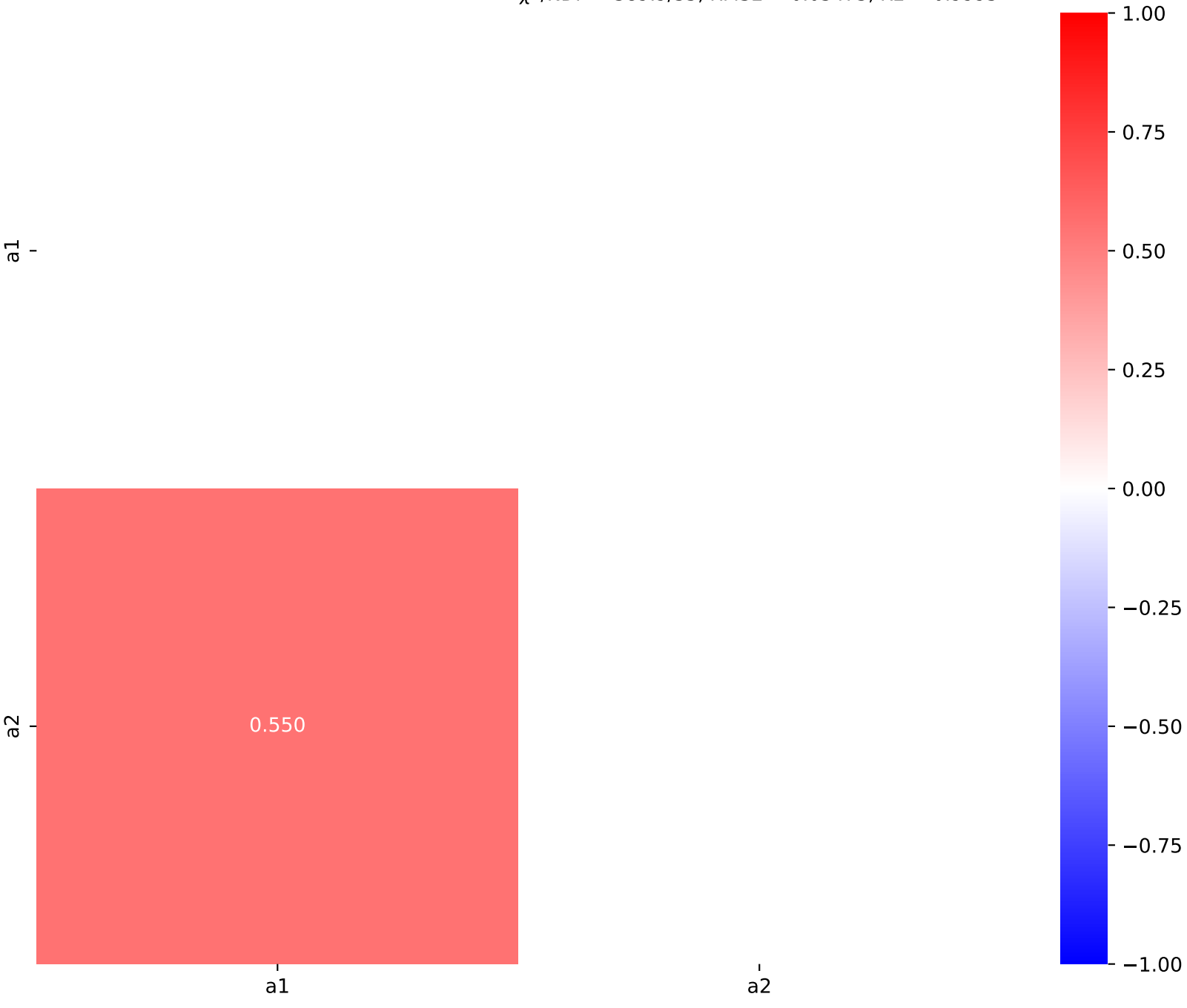
1.0*(a1**(2*((x0 - 1568.5) * 0.000136221))/(a2 + ((x0 - 1568.5) * 0.000136221)))

SymbolFit

$a1 = 9.57826e-05^{+6.933e-06(7.24\%)}_{-6.534e-06(6.82\%)}$, $a2 = 0.147163^{+0.00128(0.87\%)}_{-0.001263(0.858\%)}$

Candidate #6

χ^2/NDF = 389.9/35, RMSE = 0.03473, R2 = 0.9995



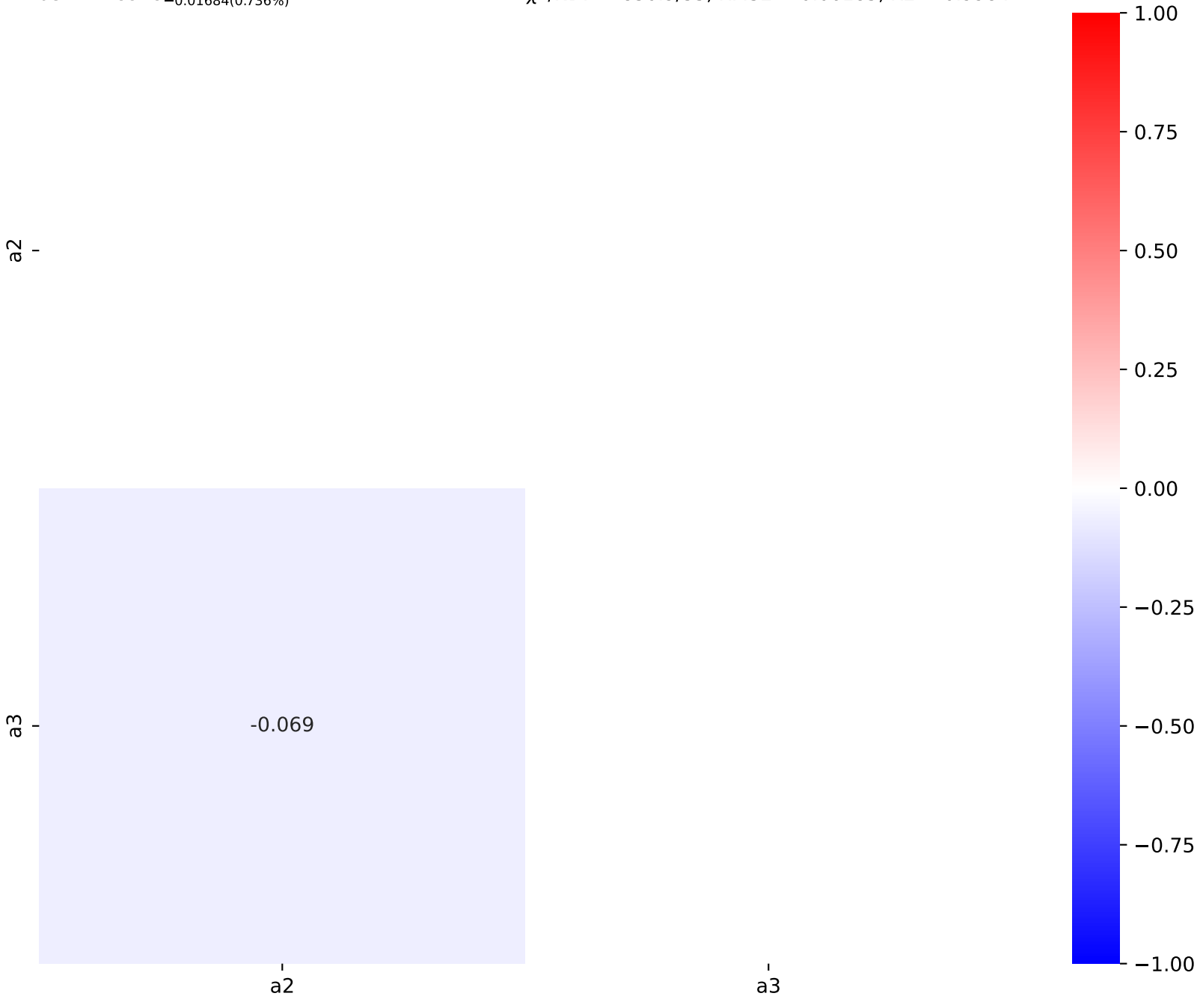
1.0*(a2**(a1 + a3*tanh(((x0 - 1568.5) * 0.000136221))))

$a1 = -0.184,\ a2 = 3.38015e-05^{+2.378e-06(7.03\%)}_{-2.204e-06(6.52\%)},$
$a3 = 2.28928^{+0.01712(0.748\%)}_{-0.01684(0.736\%)}$

SymbolFit

Candidate #5

χ^2/NDF = 830.9/35, RMSE = 0.06185, R2 = 0.9984



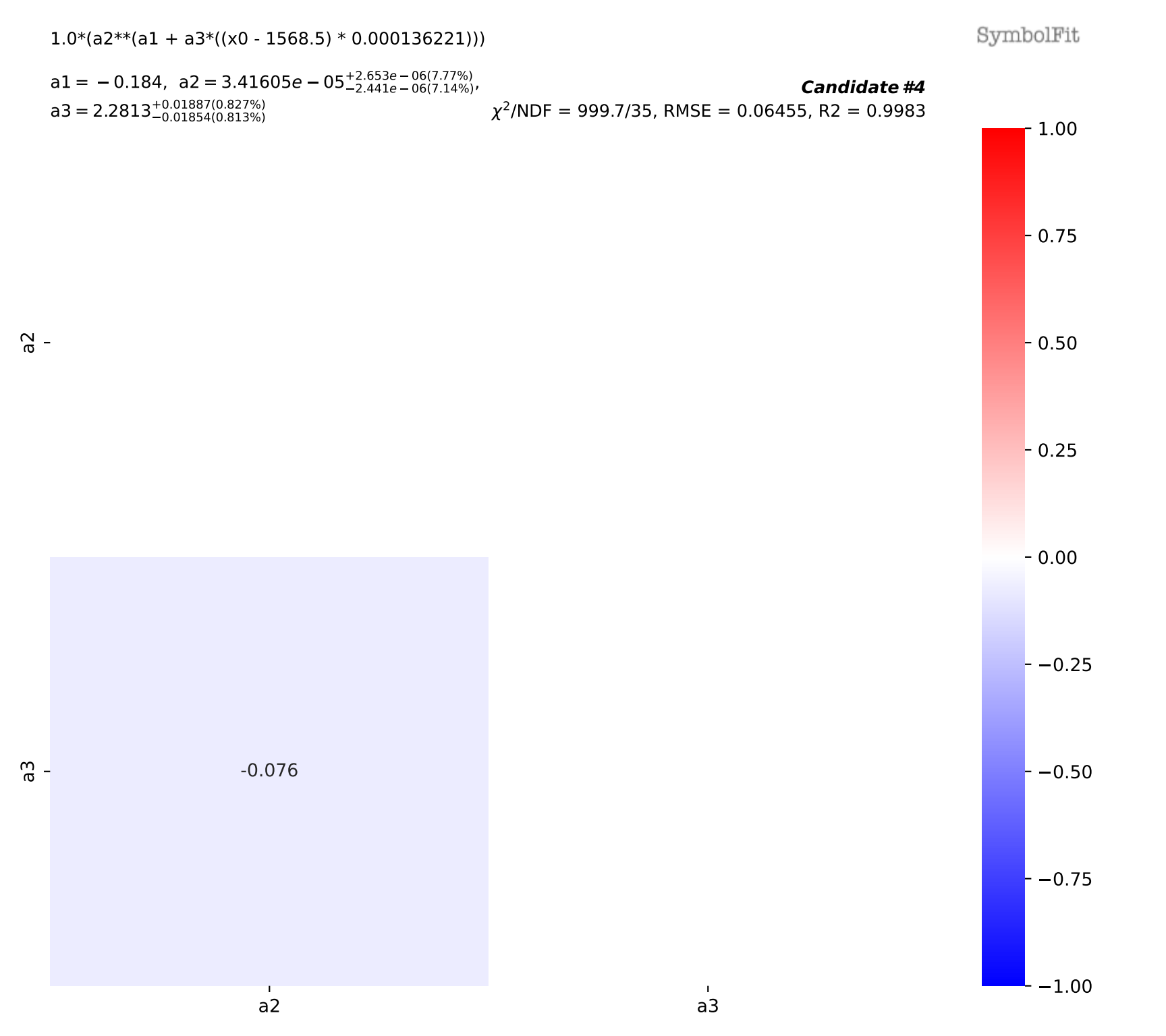
1.0*(a2**(a1 + a3*((x0 - 1568.5) * 0.000136221)))

$a1 = -0.184,\ a2 = 3.41605e-05^{+2.653e-06(7.77\%)}_{-2.441e-06(7.14\%)},$
$a3 = 2.2813^{+0.01887(0.827\%)}_{-0.01854(0.813\%)}$

SymbolFit

Candidate #4

χ^2/NDF = 999.7/35, RMSE = 0.06455, R2 = 0.9983



1.0*(a2**(a1 + exp(((x0 - 1568.5) * 0.000136221))))

$a1 = -1.08662^{+0.0116(1.07\%)}_{-0.0116(1.07\%)},\ a2 = 3.98e-05$

SymbolFit

Candidate #3

χ^2/NDF = 105500.0/36, RMSE = 0.996, R2 = 0.5947

1.0*(a1**((x0 - 1568.5) * 0.000136221)*a2)

$a1 = 1.32e-05,\ \ a2 = 2.21589^{+0.302(13.6\%)}_{-0.302(13.6\%)}$

SymbolFit

Candidate #2

χ^2/NDF = 127300.0/36, RMSE = 1.055, R2 = 0.545

1.0*(a1**((x0 - 1568.5) * 0.000136221))

a1 = 1.11e − 05

Candidate #1

χ^2/NDF = 184700.0/37, RMSE = 1.417, R2 = 0.1801

1.0*(a1)

a1 = 9.06e − 05

Candidate #0

χ^2/NDF = 318800.0/37, RMSE = 1.729, R2 = -0.2215