SymbolFit

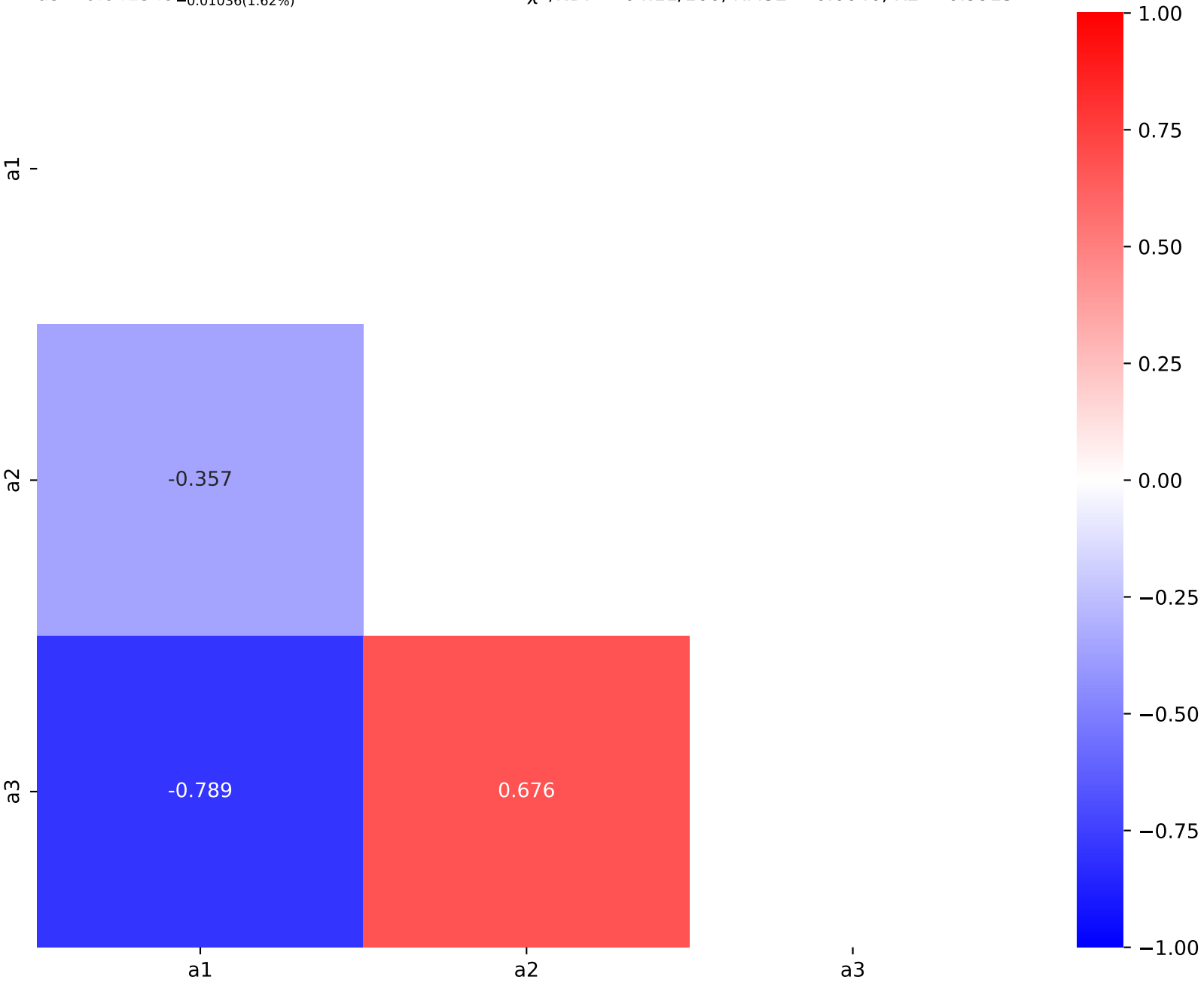
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

$a1 = 3.371e-05^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, $a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$,

$a3 = 0.641349^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

Candidate #18

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



SymbolFit

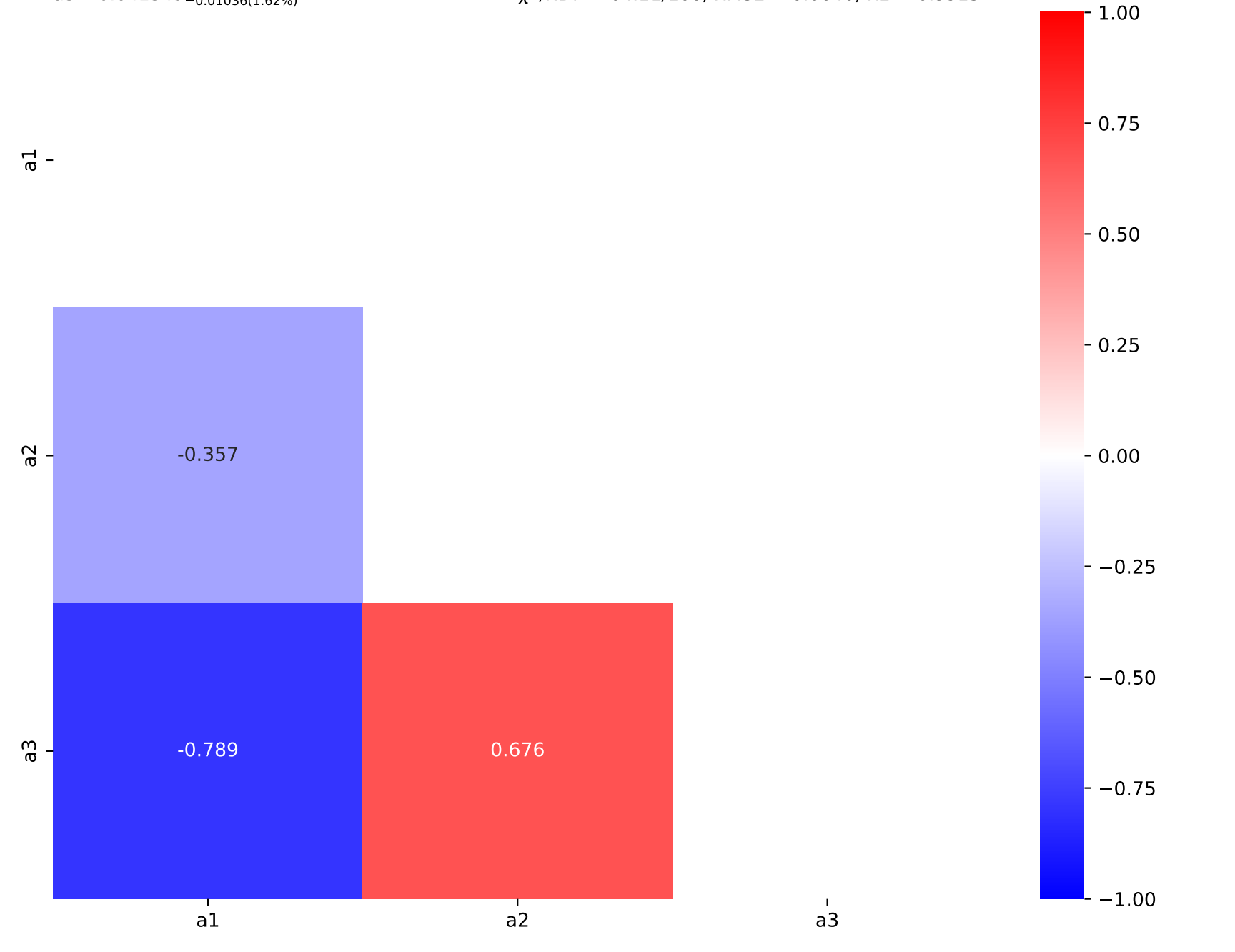
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

$a1 = 3.371e-05^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, $a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$,

$a3 = 0.641349^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

Candidate #17

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



SymbolFit

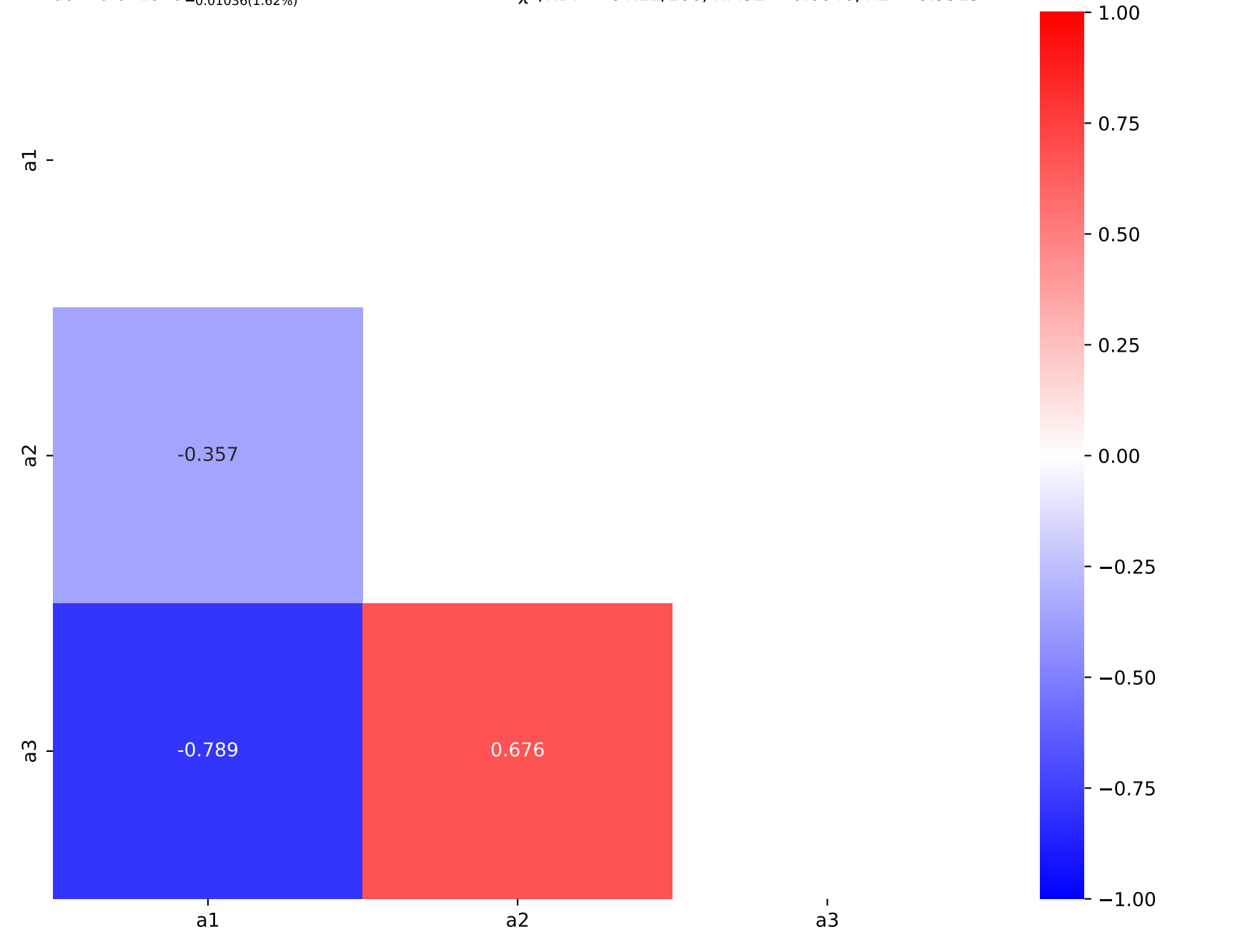
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + (((x0 - 503.0) * 0.000286615)*tanh(2*((x0 - 503.0) * 0.000286615)))**a3))

$a1 = 3.371e-05^{+1.053e-05(31.2\%)}_{-8.422e-06(25.0\%)}$, $a2 = 0.0310135^{+0.0006493(2.09\%)}_{-0.0006368(2.05\%)}$,

$a3 = 0.641349^{+0.01099(1.71\%)}_{-0.01036(1.62\%)}$

Candidate #16

χ^2/NDF = 64.11/166, RMSE = 0.6646, R2 = 0.9915



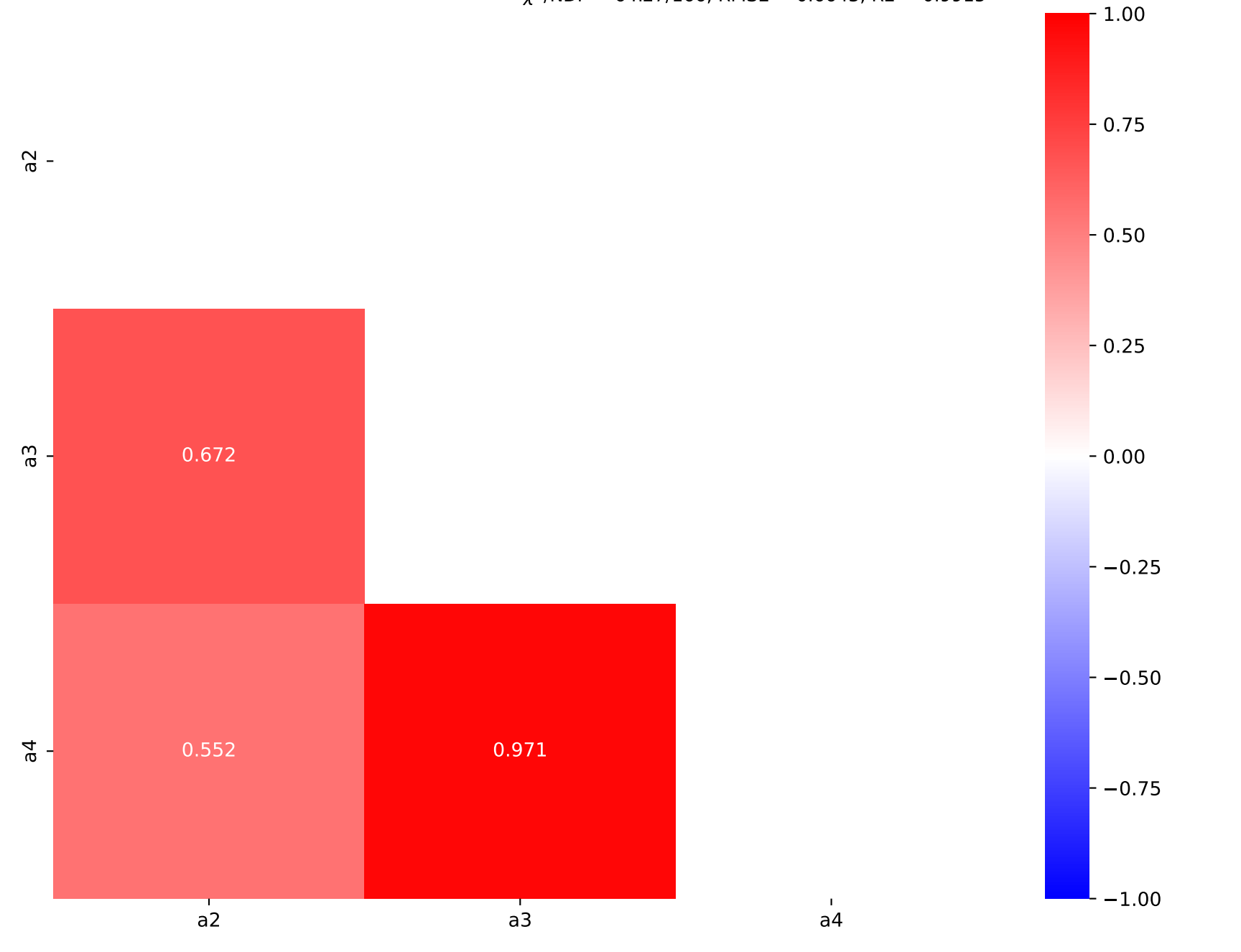
SymbolFit

1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a4*(tanh(((x0 - 503.0) * 0.000286615))**2)**a3))

$a1 = 3.2e-05$, $a2 = 0.0310332^{+0.000711(2.29\%)}_{-0.0007013(2.26\%)}$,
$a3 = 0.639925^{+0.02328(3.64\%)}_{-0.02242(3.5\%)}$, $a4 = 1.53161^{+0.1817(11.9\%)}_{-0.157(10.3\%)}$

Candidate #15

χ^2/NDF = 64.27/166, RMSE = 0.6643, R2 = 0.9915



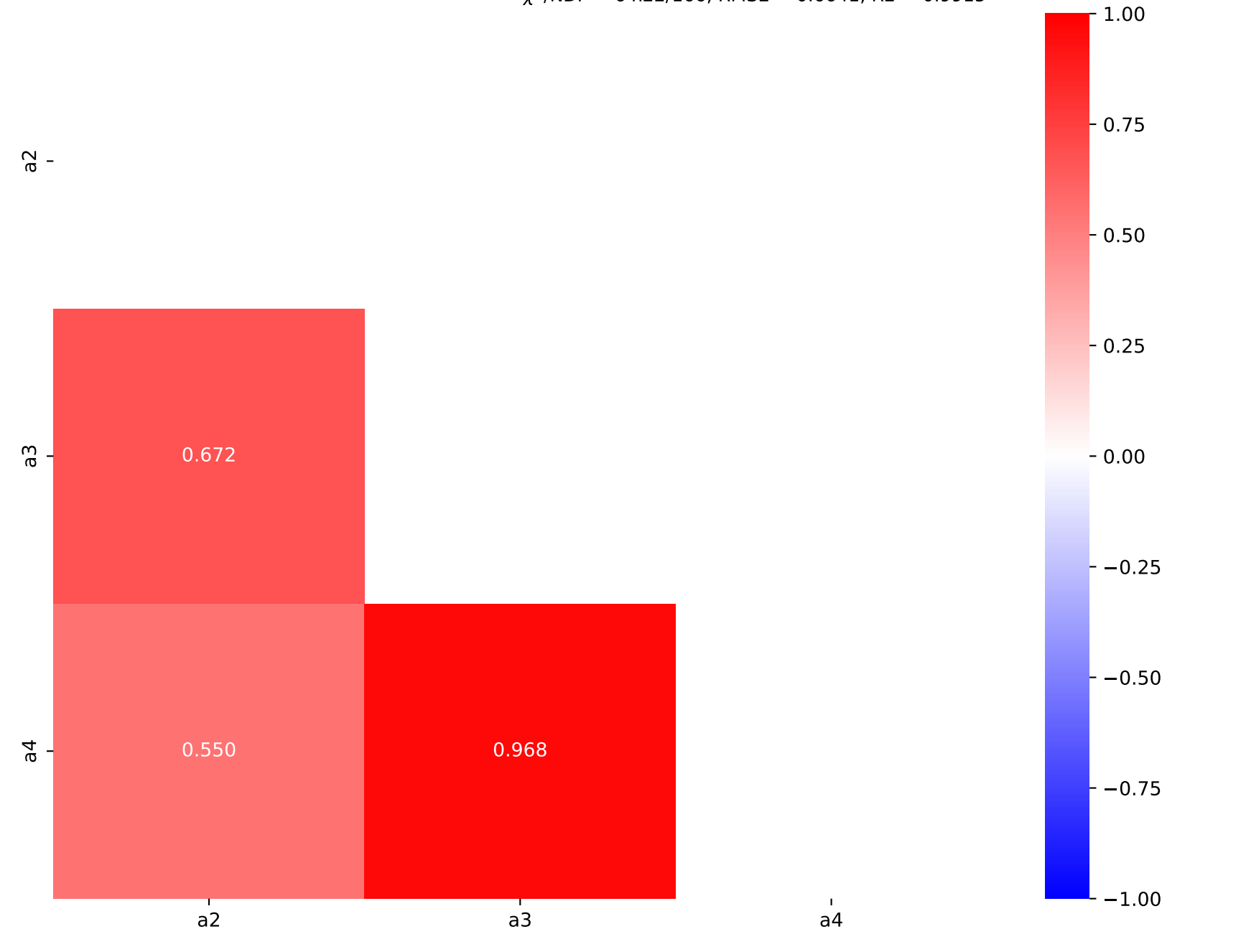
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + tanh(a4*(((x0 - 503.0) * 0.000286615)**2)**a3)))

SymbolFit

$a1 = 3.25e-05,\ a2 = 0.031045^{+0.0007121(2.29\%)}_{-0.0007024(2.26\%)},$
$a3 = 0.640457^{+0.02353(3.67\%)}_{-0.02263(3.53\%)},\ a4 = 1.5365^{+0.185(12.0\%)}_{-0.1593(10.4\%)}$

Candidate #14

χ^2/NDF = 64.22/166, RMSE = 0.6641, R2 = 0.9915



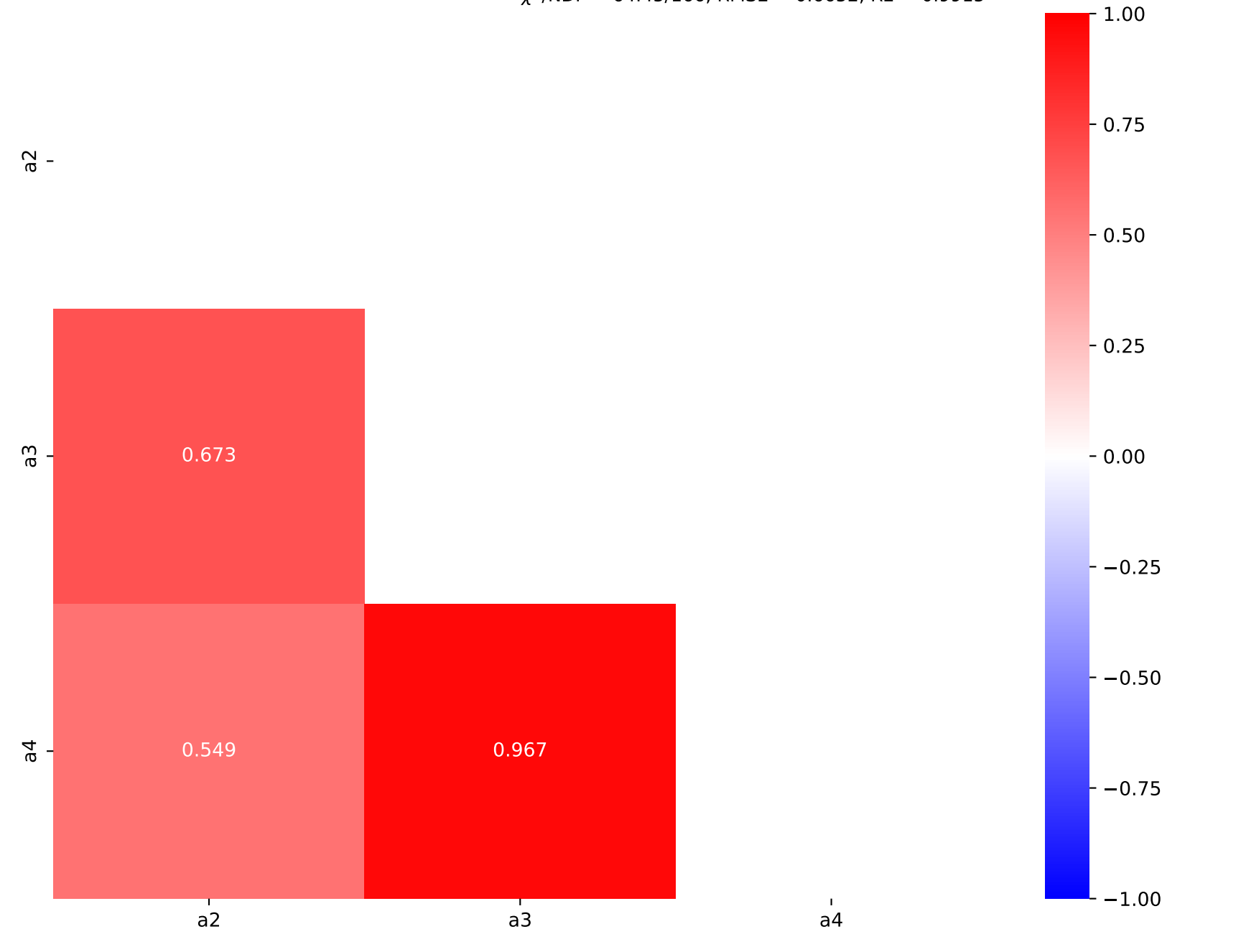
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a4*(((x0 - 503.0) * 0.000286615)**2)**a3))

SymbolFit

$a1 = 3.38e-05$, $a2 = 0.0309952^{+0.0007121(2.3\%)}_{-0.0007023(2.27\%)}$,
$a3 = 0.636993^{+0.02308(3.62\%)}_{-0.02223(3.49\%)}$, $a4 = 1.51345^{+0.1779(11.8\%)}_{-0.1538(10.2\%)}$

Candidate #13

χ^2/NDF = 64.45/166, RMSE = 0.6652, R2 = 0.9915



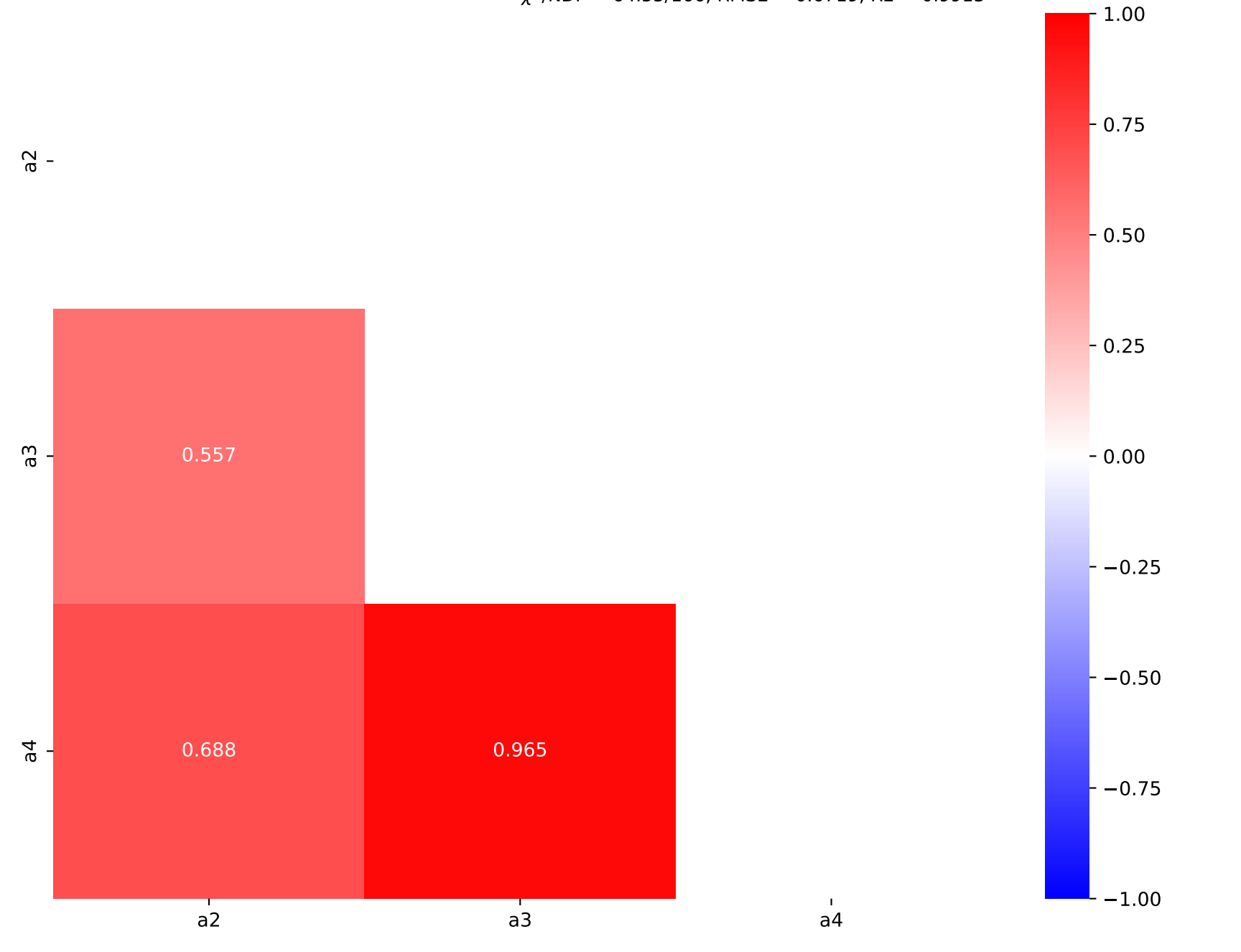
1.0*(a1**tanh(((x0 - 503.0) * 0.000286615))/(a2 + a3*((x0 - 503.0) * 0.000286615)**a4))

SymbolFit

$a1 = 1.14e-05$, $a2 = 0.0307065^{+0.0007188(2.34\%)}_{-0.0007103(2.31\%)}$,
$a3 = 1.10973^{+0.1354(12.2\%)}_{-0.1164(10.5\%)}$, $a4 = 1.20495^{+0.04813(3.99\%)}_{-0.04623(3.84\%)}$

Candidate #12

χ^2/NDF = 64.55/166, RMSE = 0.6719, R2 = 0.9913



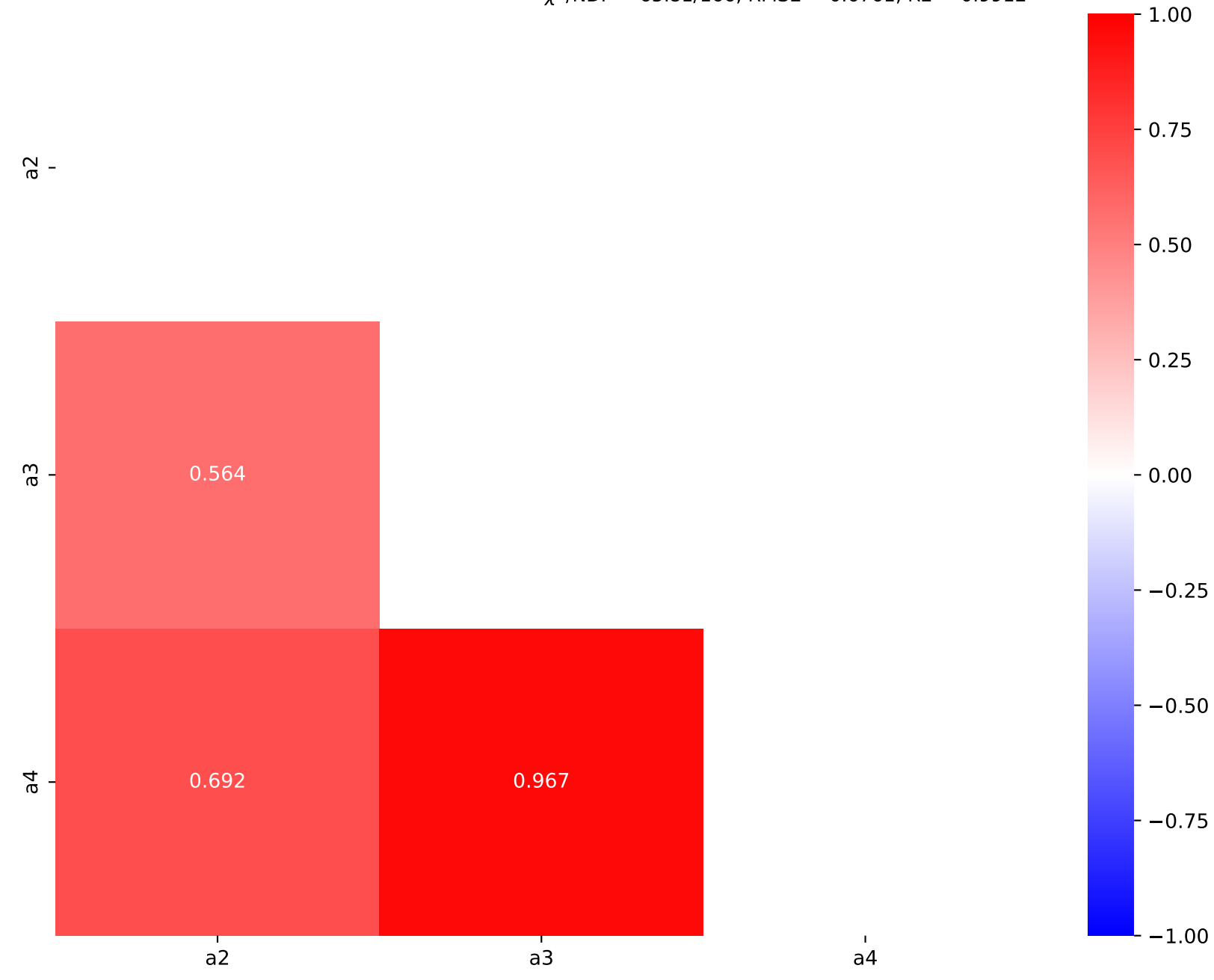
1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + a3*((x0 - 503.0) * 0.000286615)**a4))

SymbolFit

$a1 = 1.14e-05$, $a2 = 0.0305728^{+0.0007311(2.39\%)}_{-0.0007226(2.36\%)}$,
$a3 = 1.0421^{+0.1295(12.4\%)}_{-0.1112(10.7\%)}$, $a4 = 1.18276^{+0.0488(4.13\%)}_{-0.04687(3.96\%)}$

Candidate #11

χ^2/NDF = 65.81/166, RMSE = 0.6761, R2 = 0.9912



1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + ((x0 - 503.0) * 0.000286615)**a3))

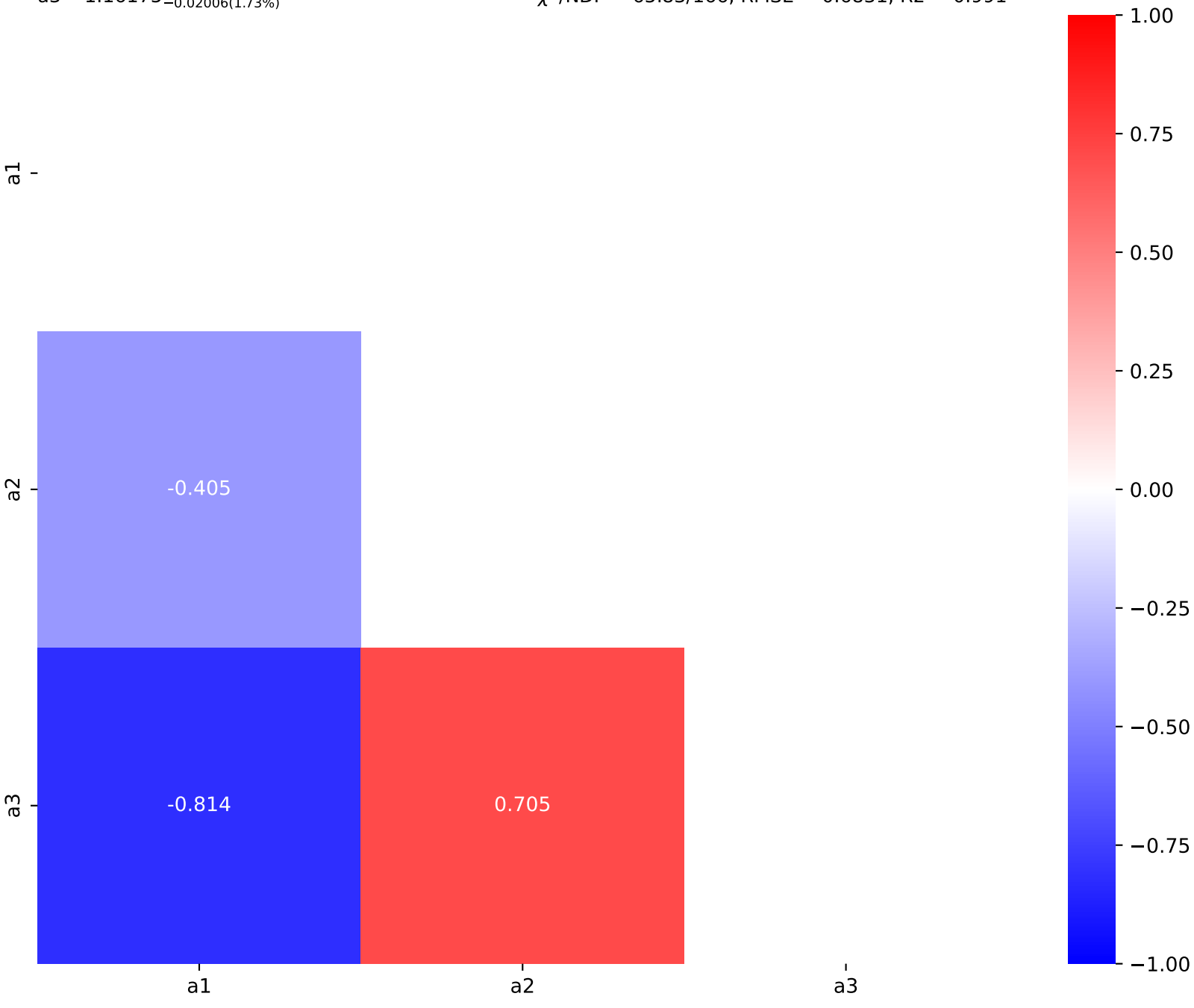
SymbolFit

$a1 = 1.23608e-05^{+4.339e-06(35.1\%)}_{-3.351e-06(27.1\%)}$, $a2 = 0.0303621^{+0.000669(2.2\%)}_{-0.0006565(2.16\%)}$,

Candidate #10

$a3 = 1.16175^{+0.02135(1.84\%)}_{-0.02006(1.73\%)}$

χ^2/NDF = 65.83/166, RMSE = 0.6831, R2 = 0.991



1.0*(a1**((x0 - 503.0) * 0.000286615)/(a2 + ((x0 - 503.0) * 0.000286615)**a3))

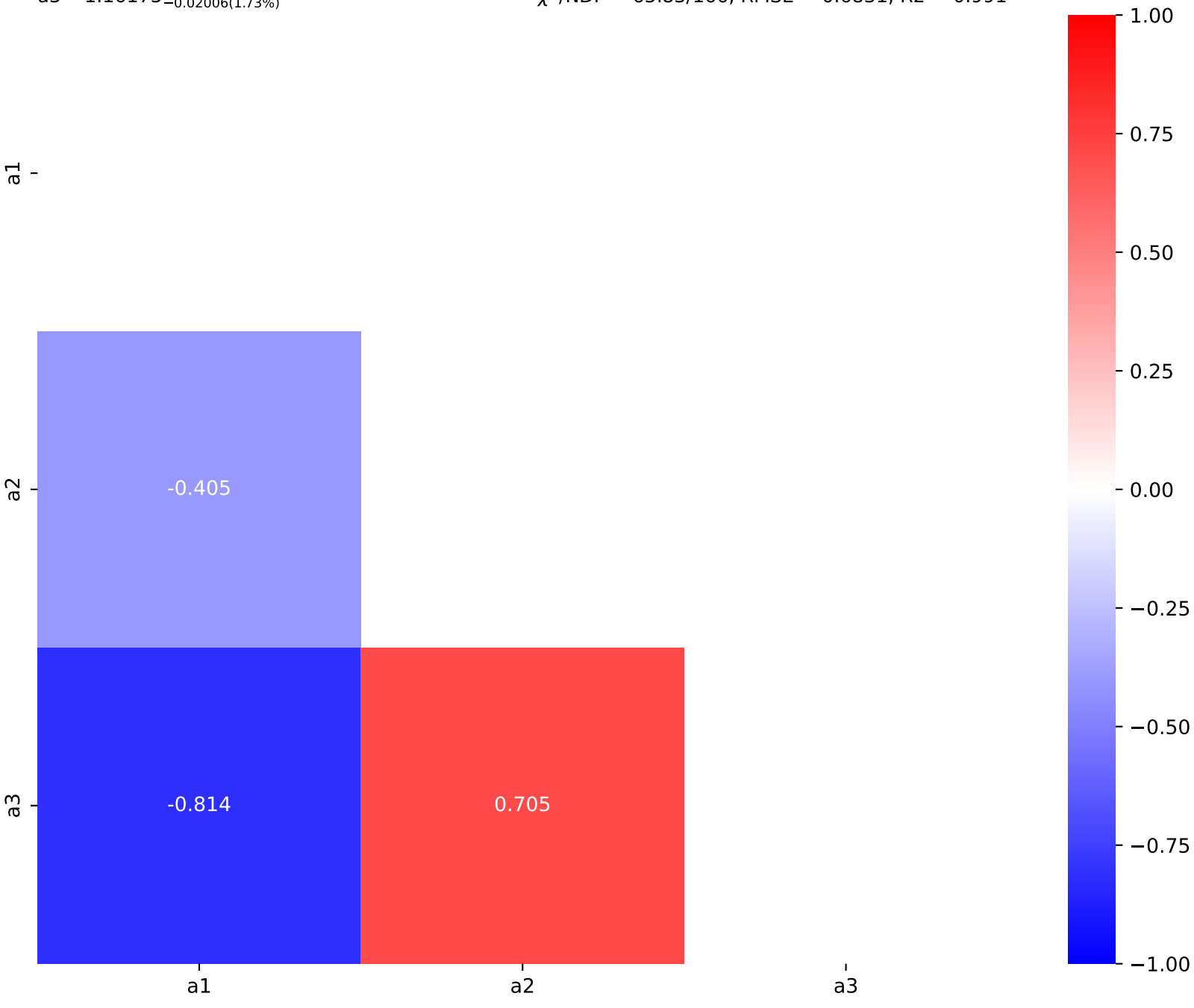
SymbolFit

$a1 = 1.23608e-05^{+4.339e-06(35.1\%)}_{-3.351e-06(27.1\%)}$, $a2 = 0.0303621^{+0.000669(2.2\%)}_{-0.0006565(2.16\%)}$,

Candidate #9

$a3 = 1.16175^{+0.02135(1.84\%)}_{-0.02006(1.73\%)}$

χ^2/NDF = 65.83/166, RMSE = 0.6831, R2 = 0.991



1.0*((a2*exp(a3*((x0 - 503.0) * 0.000286615)))**(a1 + ((x0 - 503.0) * 0.000286615)))

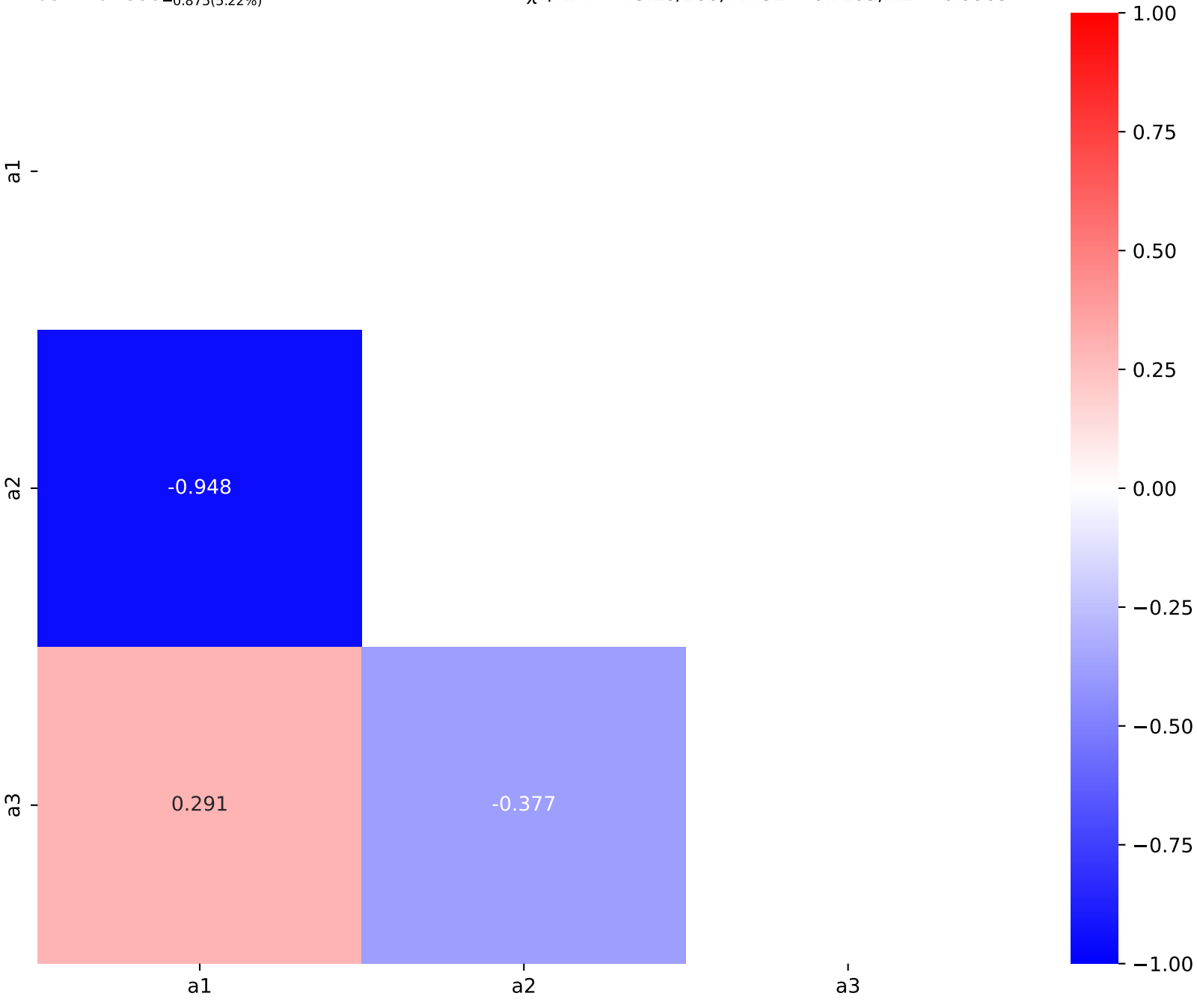
SymbolFit

$a1 = -0.159631^{+0.00161(1.01\%)}_{-0.00161(1.01\%)}$, $a2 = 4.13294e-10^{+1.14e-10(27.6\%)}_{-1.14e-10(27.6\%)}$,

Candidate #8

$a3 = 16.7538^{+0.875(5.22\%)}_{-0.875(5.22\%)}$

χ^2/NDF = 73.18/166, RMSE = 0.7103, R2 = 0.9903



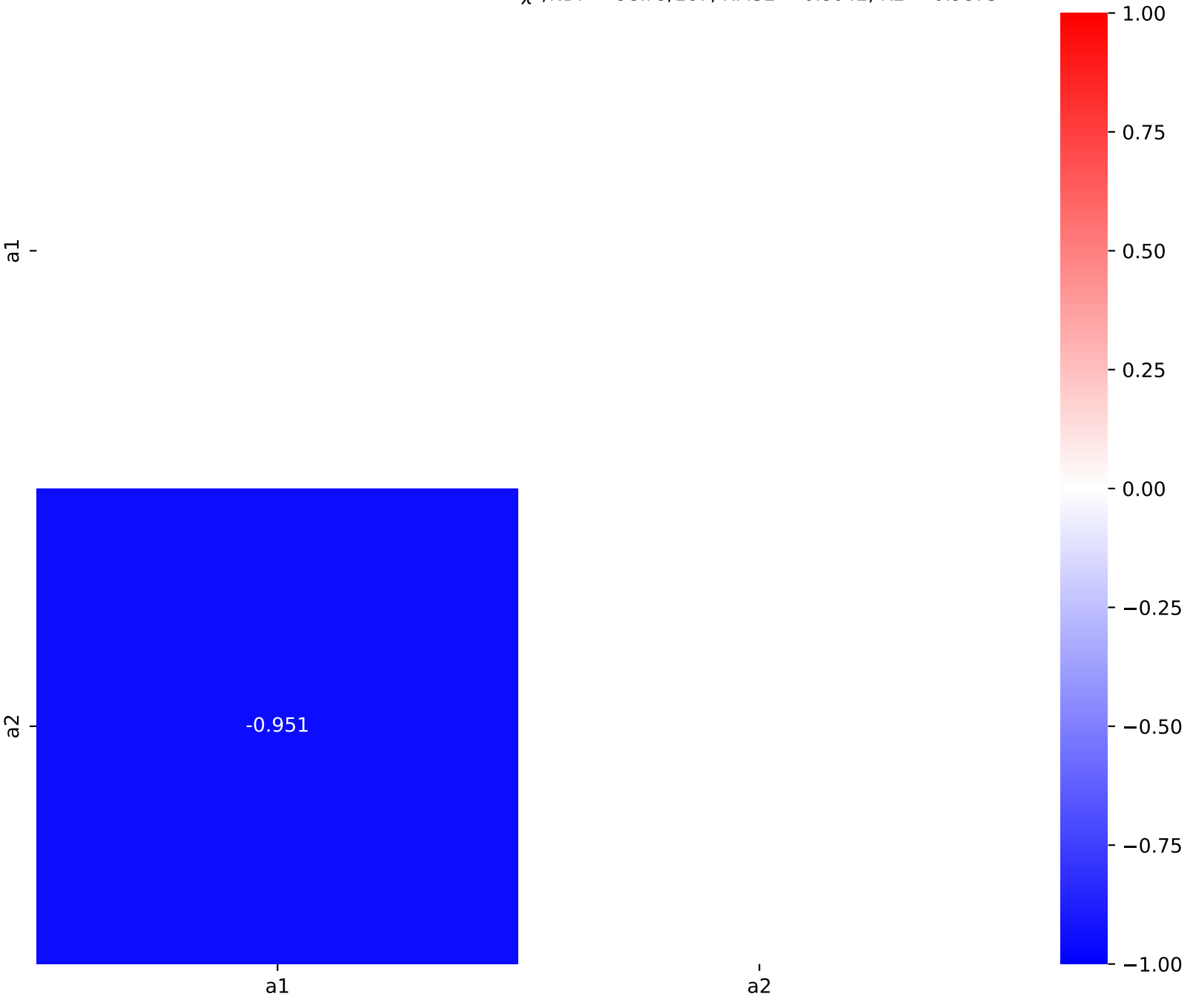
1.0*(a2**(a1 + tanh(((x0 - 503.0) * 0.000286615))))

SymbolFit

$a1 = -0.154874^{+0.00175(1.13\%)}_{-0.00175(1.13\%)}$, $a2 = 2.83641e-10^{+9.08e-11(32.0\%)}_{-9.08e-11(32.0\%)}$

Candidate #7

χ^2/NDF = 98.79/167, RMSE = 0.8042, R2 = 0.9875



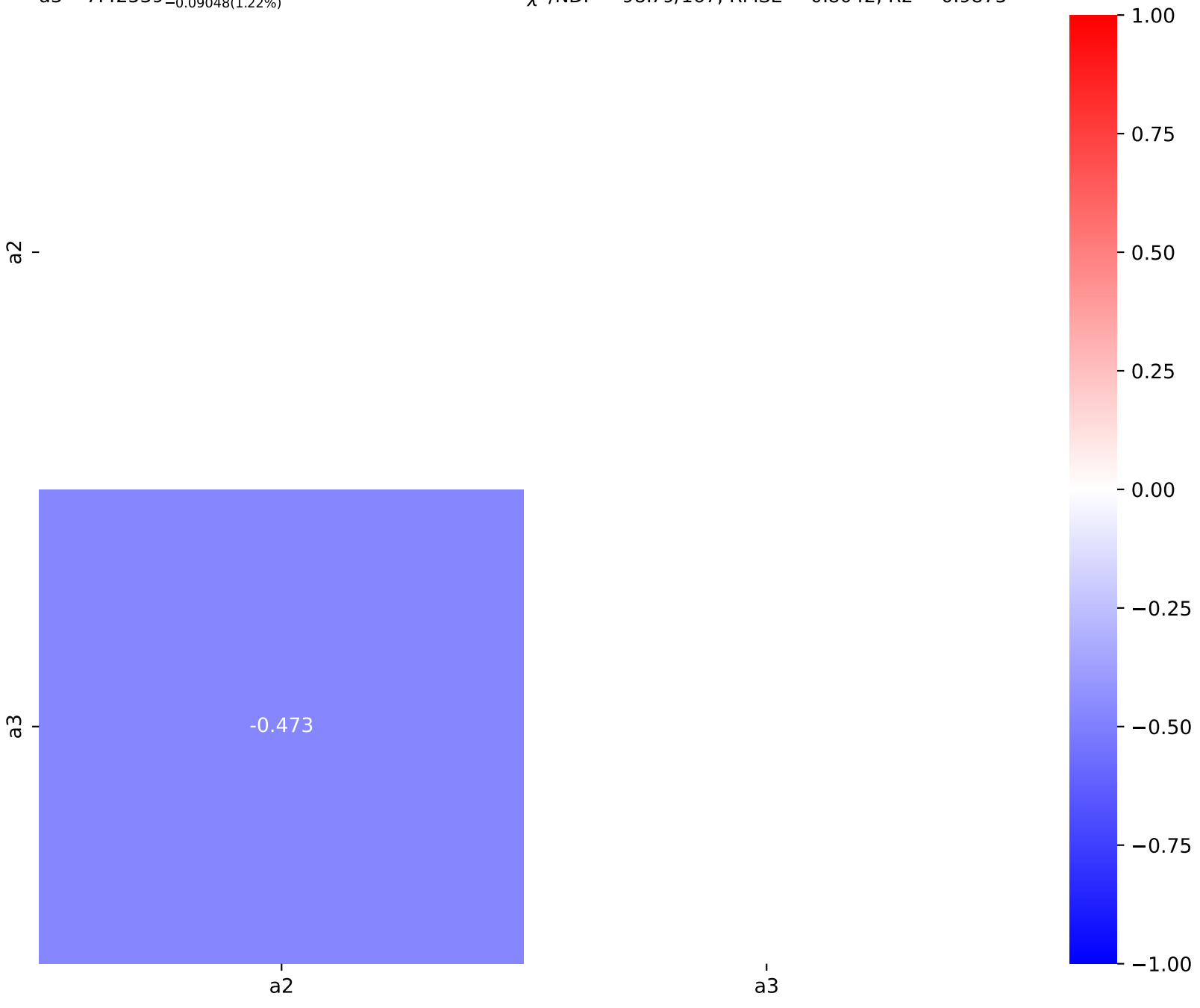
1.0*(a2**(a1 + a3*tanh(((x0 - 503.0) * 0.000286615))))

SymbolFit

$a1 = -1.15,\ a2 = 0.0517897^{+0.0008605(1.66\%)}_{-0.0008386(1.62\%)},$
$a3 = 7.42539^{+0.09277(1.25\%)}_{-0.09048(1.22\%)}$

Candidate #6

χ^2/NDF = 98.79/167, RMSE = 0.8042, R2 = 0.9875



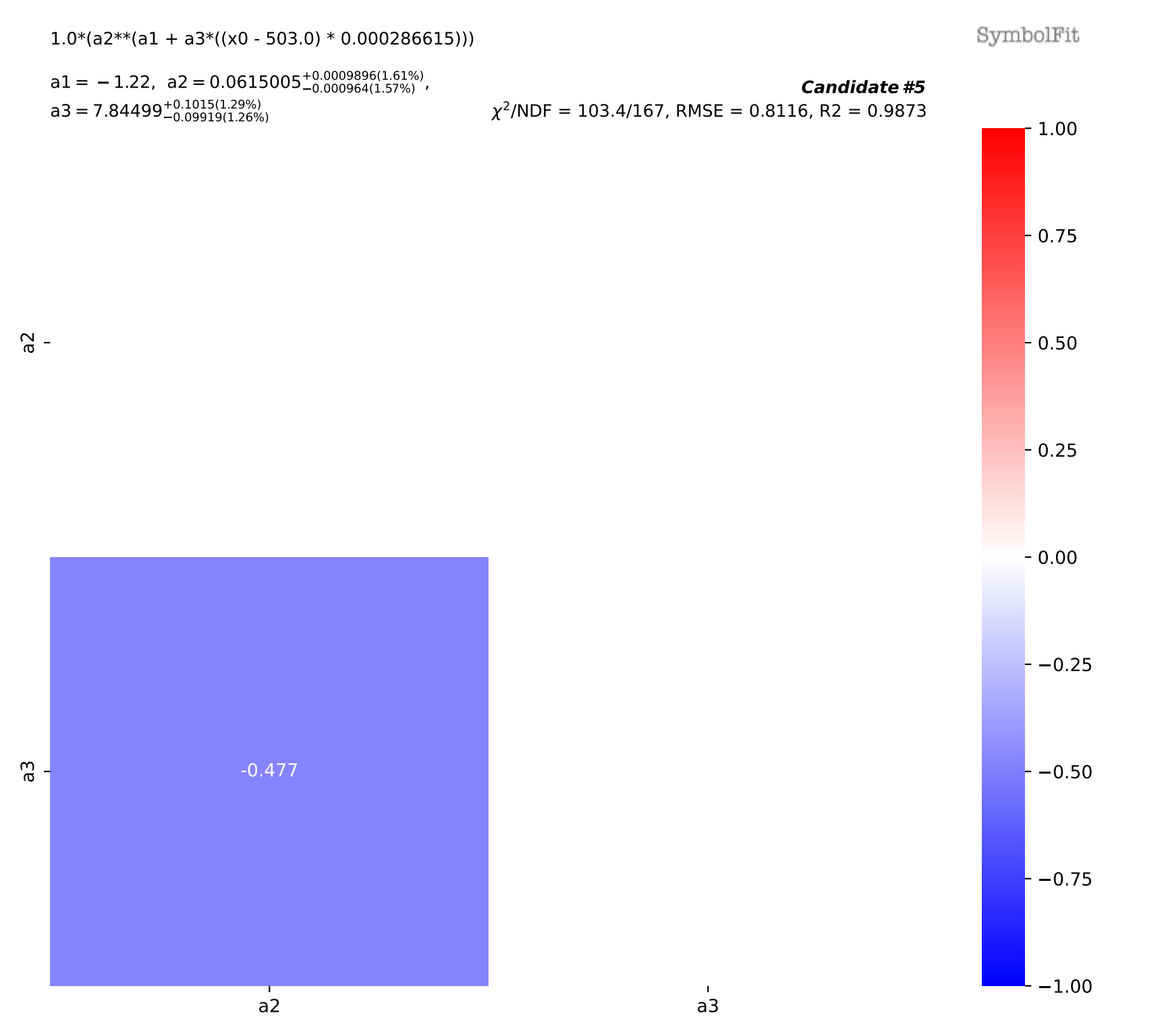
1.0*(a2**(a1 + a3*((x0 - 503.0) * 0.000286615)))

$a1 = -1.22,\ a2 = 0.0615005^{+0.0009896(1.61\%)}_{-0.000964(1.57\%)},$
$a3 = 7.84499^{+0.1015(1.29\%)}_{-0.09919(1.26\%)}$

SymbolFit

Candidate #5

χ^2/NDF = 103.4/167, RMSE = 0.8116, R2 = 0.9873



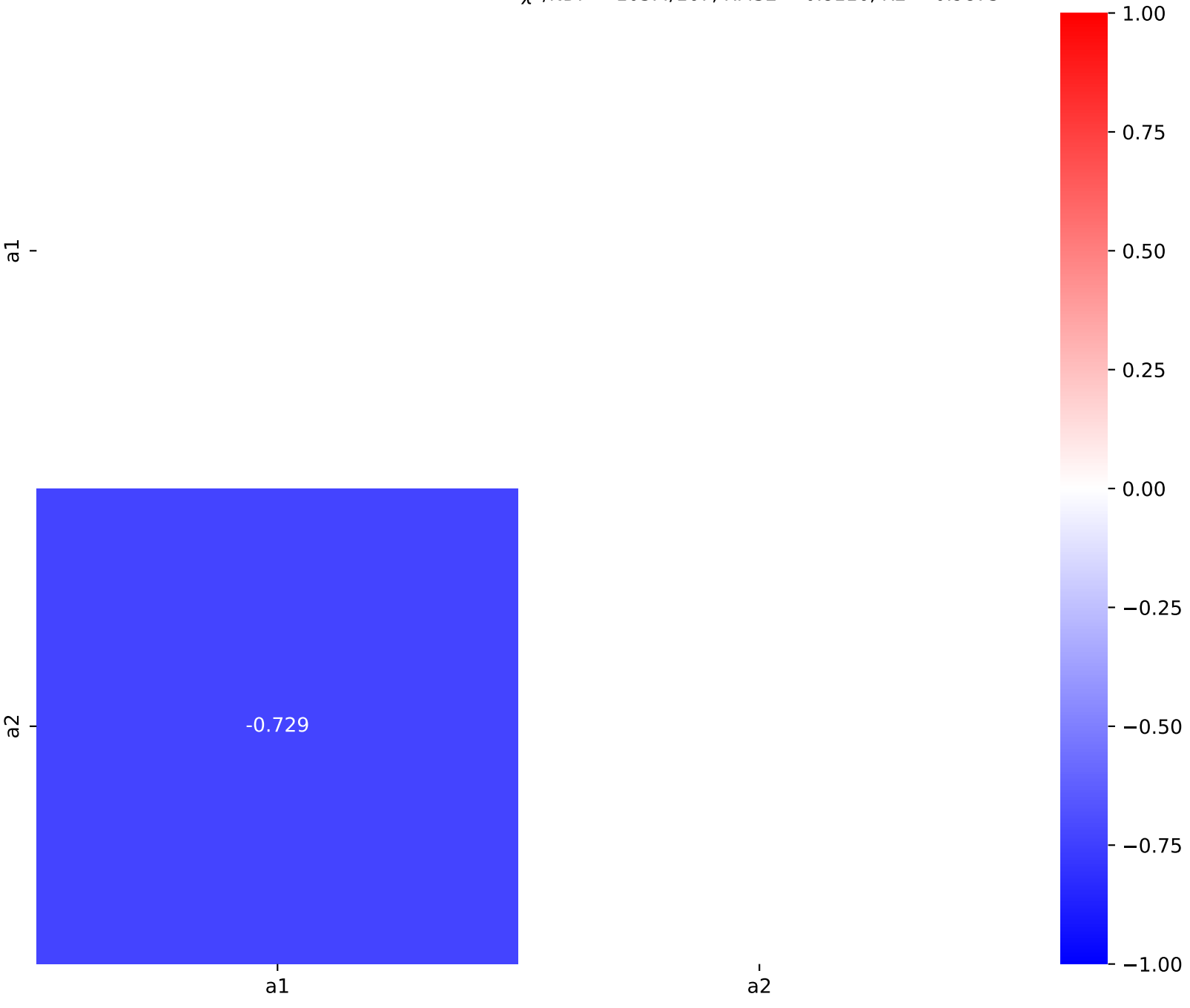
1.0*(a2*exp(a1*((x0 - 503.0) * 0.000286615)))

SymbolFit

$a1 = -21.8773^{+0.3589(1.64\%)}_{-0.3665(1.68\%)}$, $a2 = 30.0308^{+0.5846(1.95\%)}_{-0.5791(1.93\%)}$

Candidate #4

χ^2/NDF = 103.4/167, RMSE = 0.8116, R2 = 0.9873



1.0*(a2**(a1 + ((x0 - 503.0) * 0.000286615)))

$a1 = -0.232731^{+0.0103(4.43\%)}_{-0.0103(4.43\%)},\ a2 = 0.000343$

SymbolFit

Candidate #3

χ^2/NDF = 2142.0/168, RMSE = 5.943, R2 = 0.32

1.0*(a1**((x0 - 503.0) * 0.000286615))

a1 = 0.00431

Candidate #2

χ^2/NDF = 3420.0/169, RMSE = 7.724, R2 = -0.1487

1.0*(a1**((x0 - 503.0) * 0.000286615))

a1 = 0.0044

Candidate #1

χ^2/NDF = 3420.0/169, RMSE = 7.724, R2 = -0.1486

1.0*(a1)

a1 = 0.033

Candidate #0

χ^2/NDF = 4002.0/169, RMSE = 8.085, R2 = -0.2584