SymbolFit

1.0*(a1**(a3 + a5*((x0 - 503.0) * 0.000286615))/(a2 + ((x0 - 503.0) * 0.000286615)**a4))

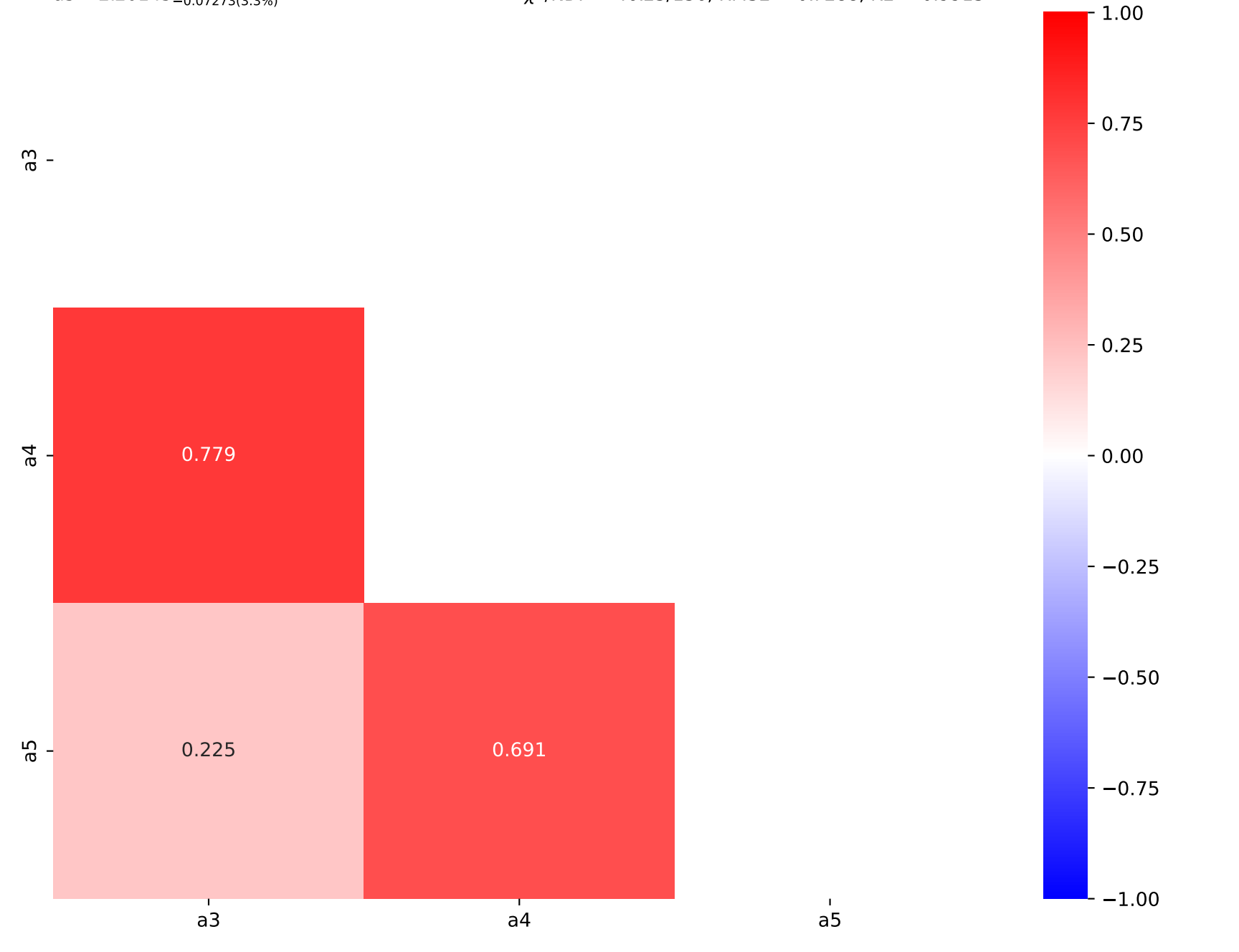
$a1 = 0.00961$, $a2 = 0.022$,

$a3 = 0.0730443^{+0.004436(6.07\%)}_{-0.00446(6.11\%)}$, $a4 = 1.24722^{+0.02459(1.97\%)}_{-0.02319(1.86\%)}$,

$a5 = 2.20145^{+0.07908(3.59\%)}_{-0.07273(3.3\%)}$

Candidate #11

χ^2/NDF = 46.23/136, RMSE = 0.7288, R2 = 0.9913



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

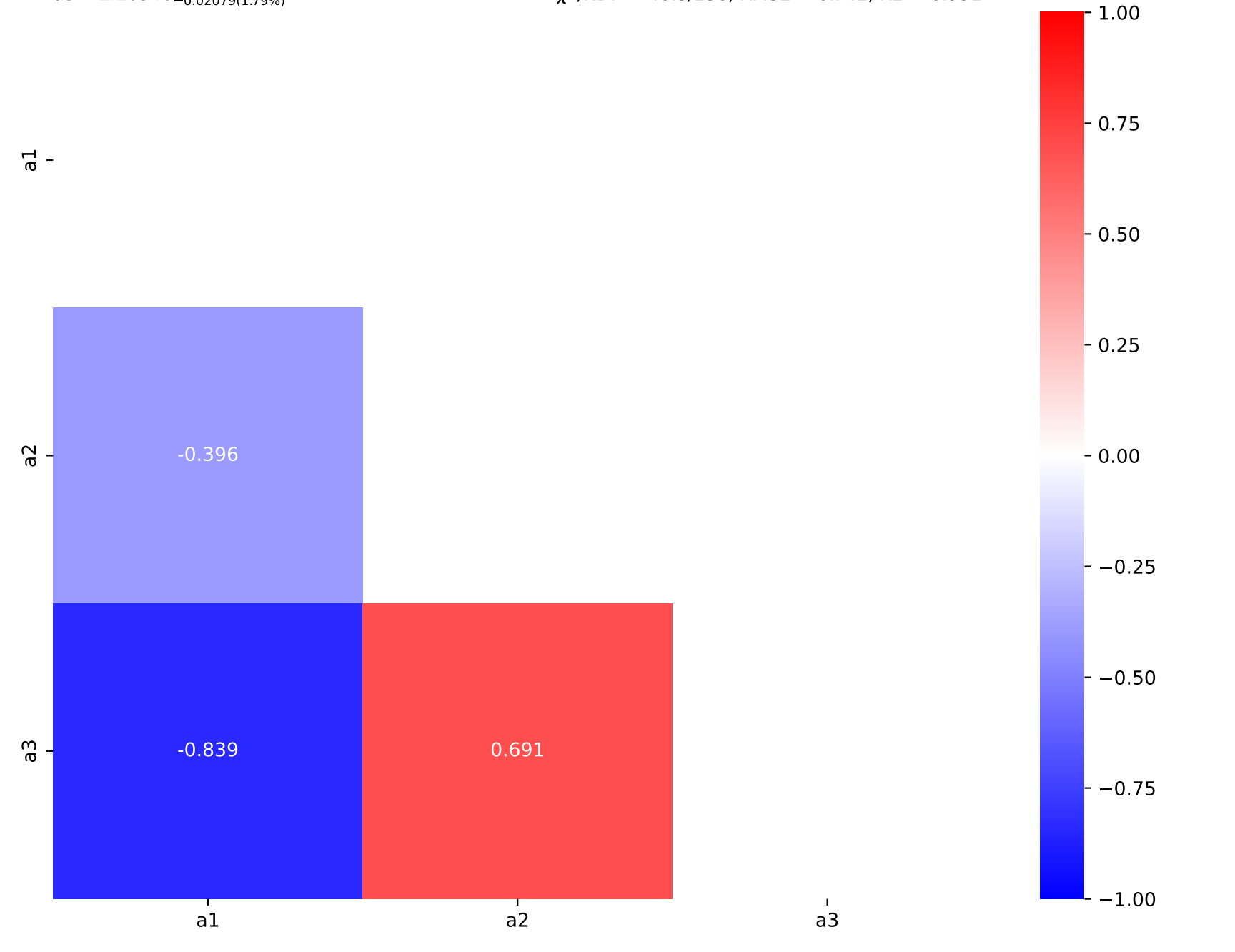
SymbolFit

$a1 = 0.0236608^{+0.00313(13.2\%)}_{-0.002991(12.6\%)}$, $a2 = 0.0304542^{+0.0006337(2.08\%)}_{-0.0006225(2.04\%)}$,

$a3 = 1.16346^{+0.02272(1.95\%)}_{-0.02079(1.79\%)}$

Candidate #10

χ^2/NDF = 46.8/136, RMSE = 0.742, R2 = 0.991



1.0*(a1**(3*((x0 - 503.0) * 0.000286615))/(a2 + ((x0 - 503.0) * 0.000286615)**a3))

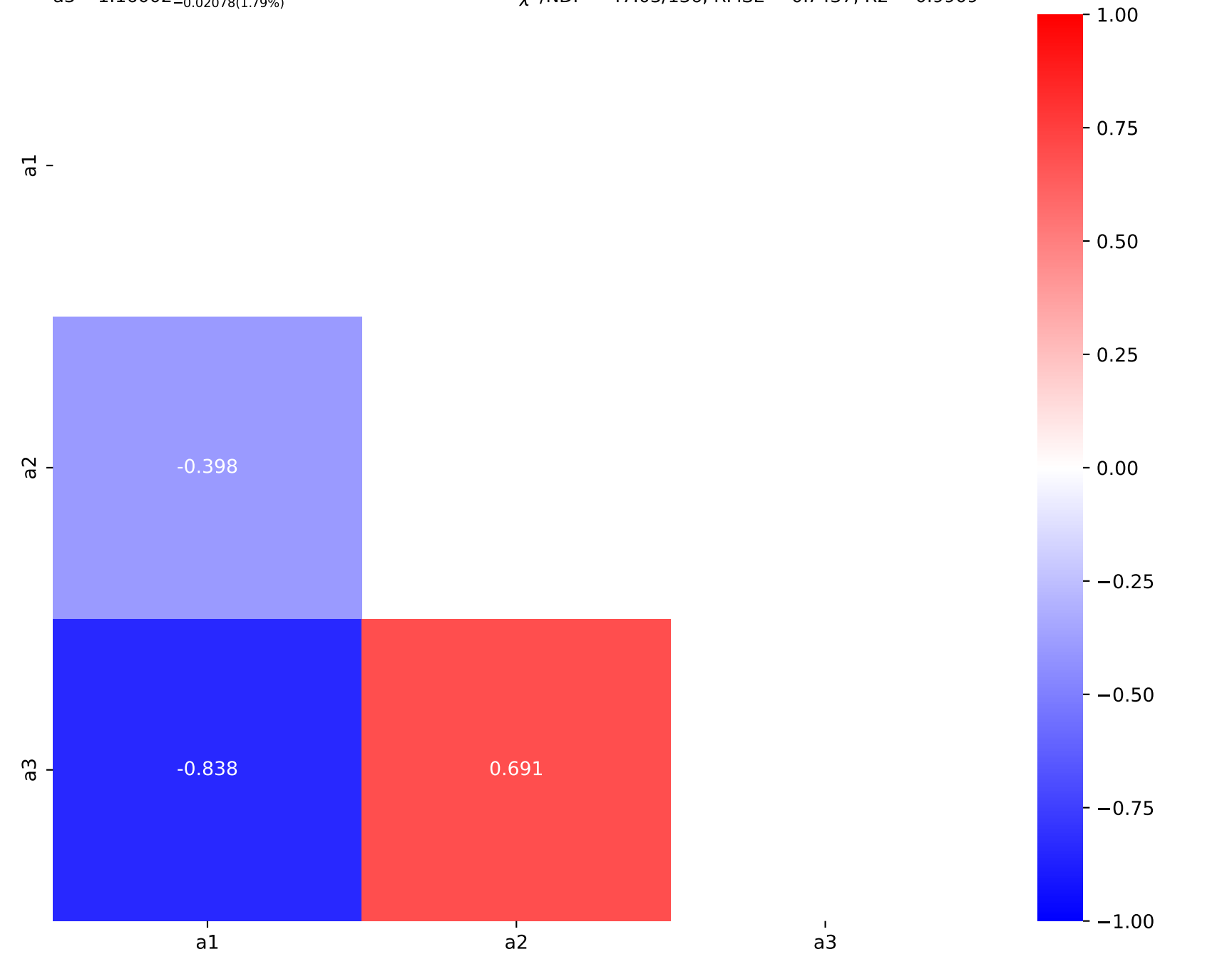
SymbolFit

$a1 = 0.0243547^{+0.00325(13.3\%)}_{-0.003094(12.7\%)}$, $a2 = 0.0304162^{+0.0006367(2.09\%)}_{-0.0006253(2.06\%)}$,

Candidate #9

$a3 = 1.16002^{+0.02268(1.96\%)}_{-0.02078(1.79\%)}$

χ^2/NDF = 47.03/136, RMSE = 0.7437, R2 = 0.9909



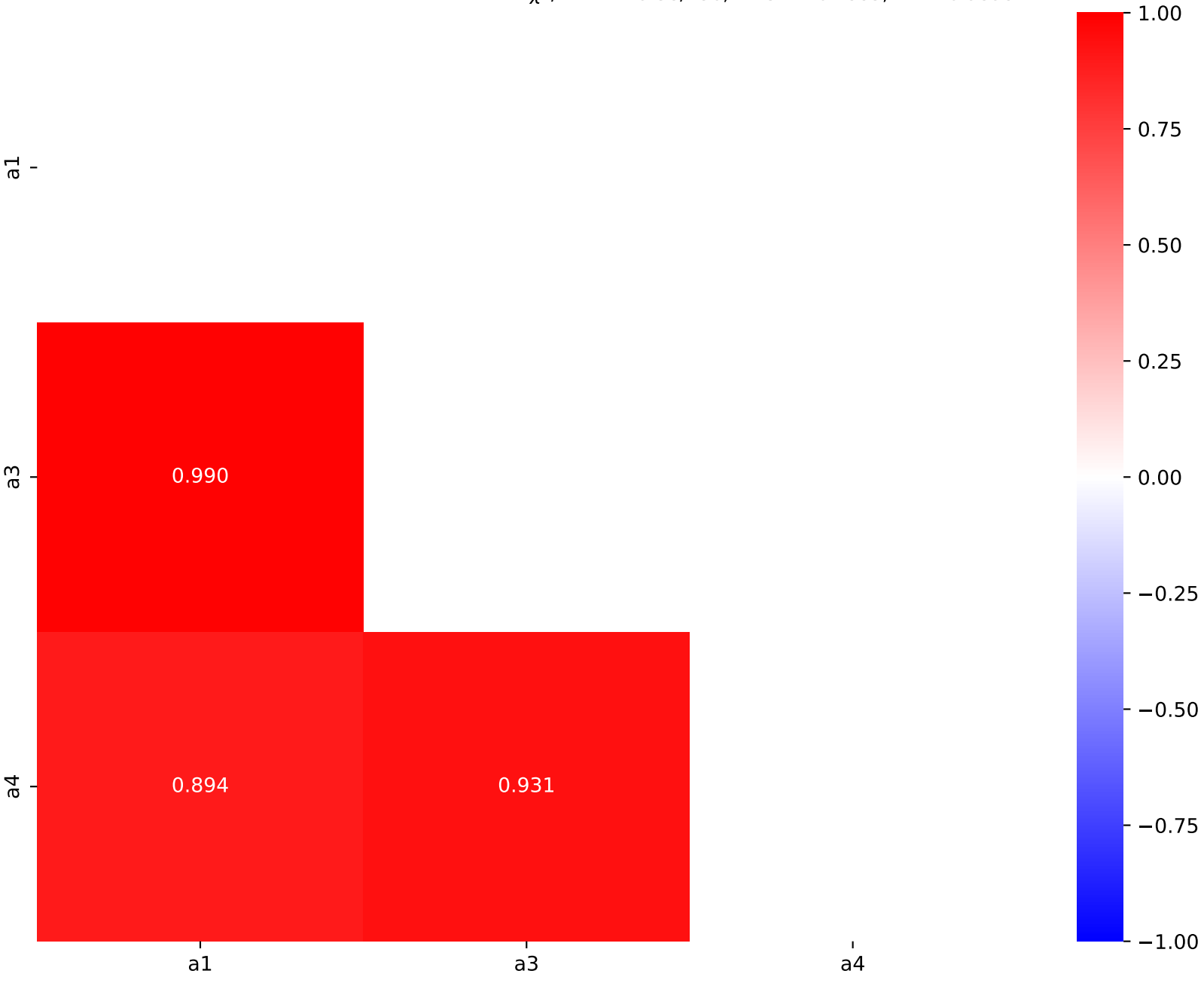
SymbolFit

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

$a1 = 0.0533011^{+0.006476(12.1\%)}_{-0.005192(9.74\%)}$, a2 = 0.0749,
$a3 = 1.80911^{+0.1921(10.6\%)}_{-0.1534(8.48\%)}$, $a4 = 4.86399^{+0.2583(5.31\%)}_{-0.2331(4.79\%)}$

Candidate #8

χ^2/NDF = 49.58/136, RMSE = 0.7885, R2 = 0.9898



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

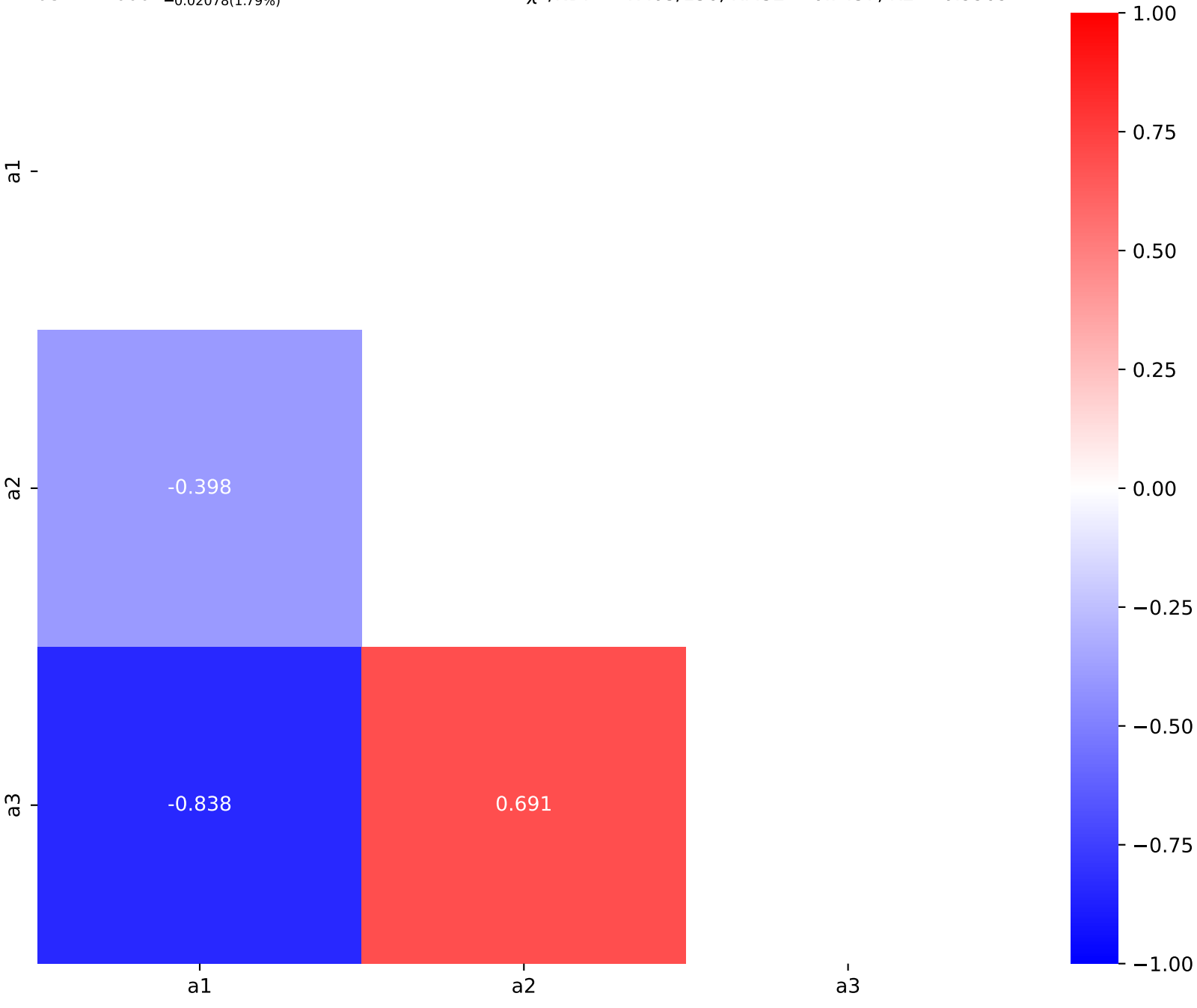
SymbolFit

$a1 = 0.00380078^{+0.0007857(20.7\%)}_{-0.0007007(18.4\%)}$, $a2 = 0.0304162^{+0.0006367(2.09\%)}_{-0.0006253(2.06\%)}$,

Candidate #7

$a3 = 1.16002^{+0.02268(1.96\%)}_{-0.02078(1.79\%)}$

χ^2/NDF = 47.03/136, RMSE = 0.7437, R2 = 0.9909



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

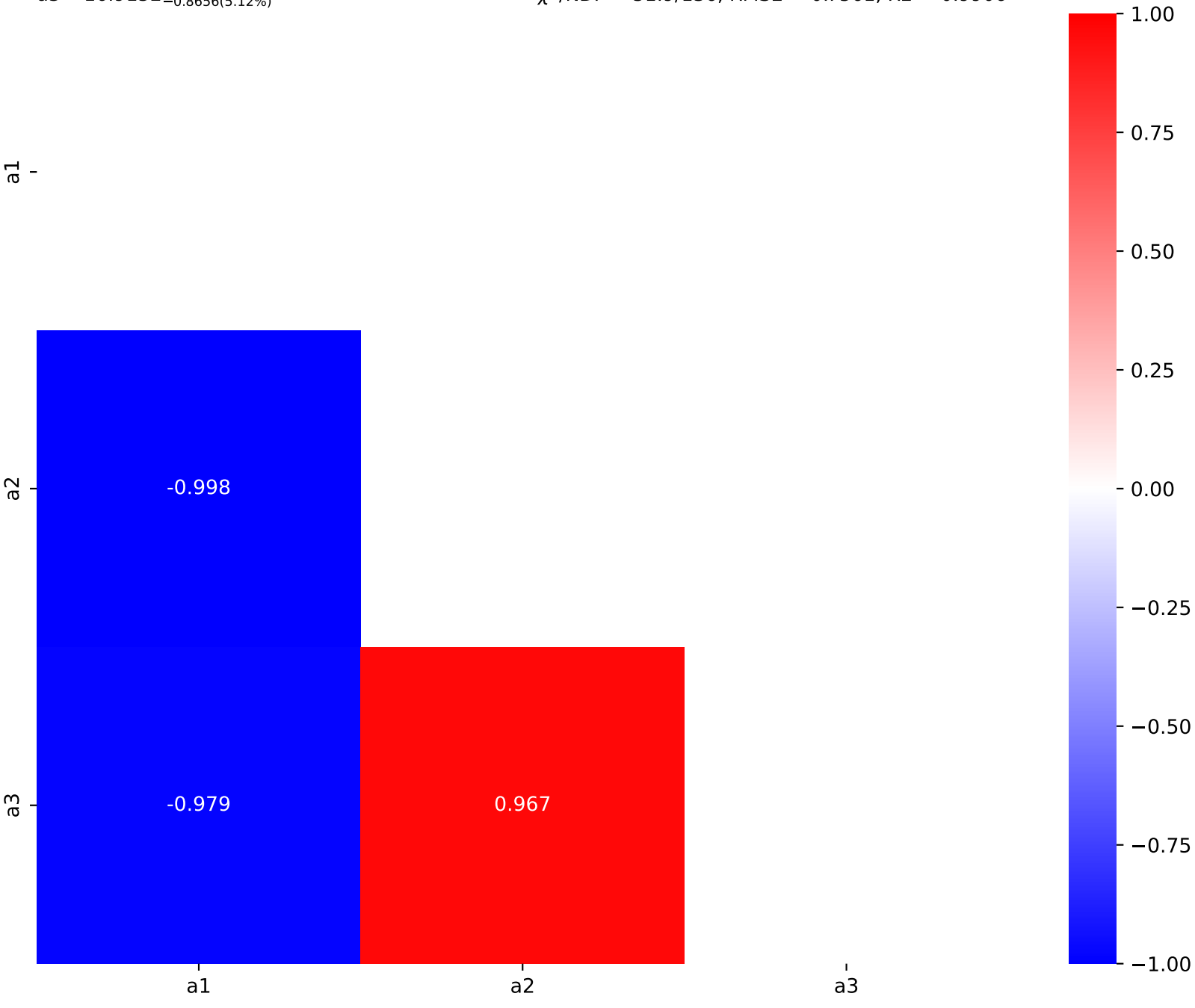
SymbolFit

$a1 = -2.66194^{+0.1328(4.99\%)}_{-0.09709(3.65\%)}$, $a2 = 0.272556^{+0.01229(4.51\%)}_{-0.01761(6.46\%)}$,

$a3 = 16.9152^{+0.6864(4.06\%)}_{-0.8656(5.12\%)}$

Candidate #6

χ^2/NDF = 51.9/136, RMSE = 0.7561, R2 = 0.9906



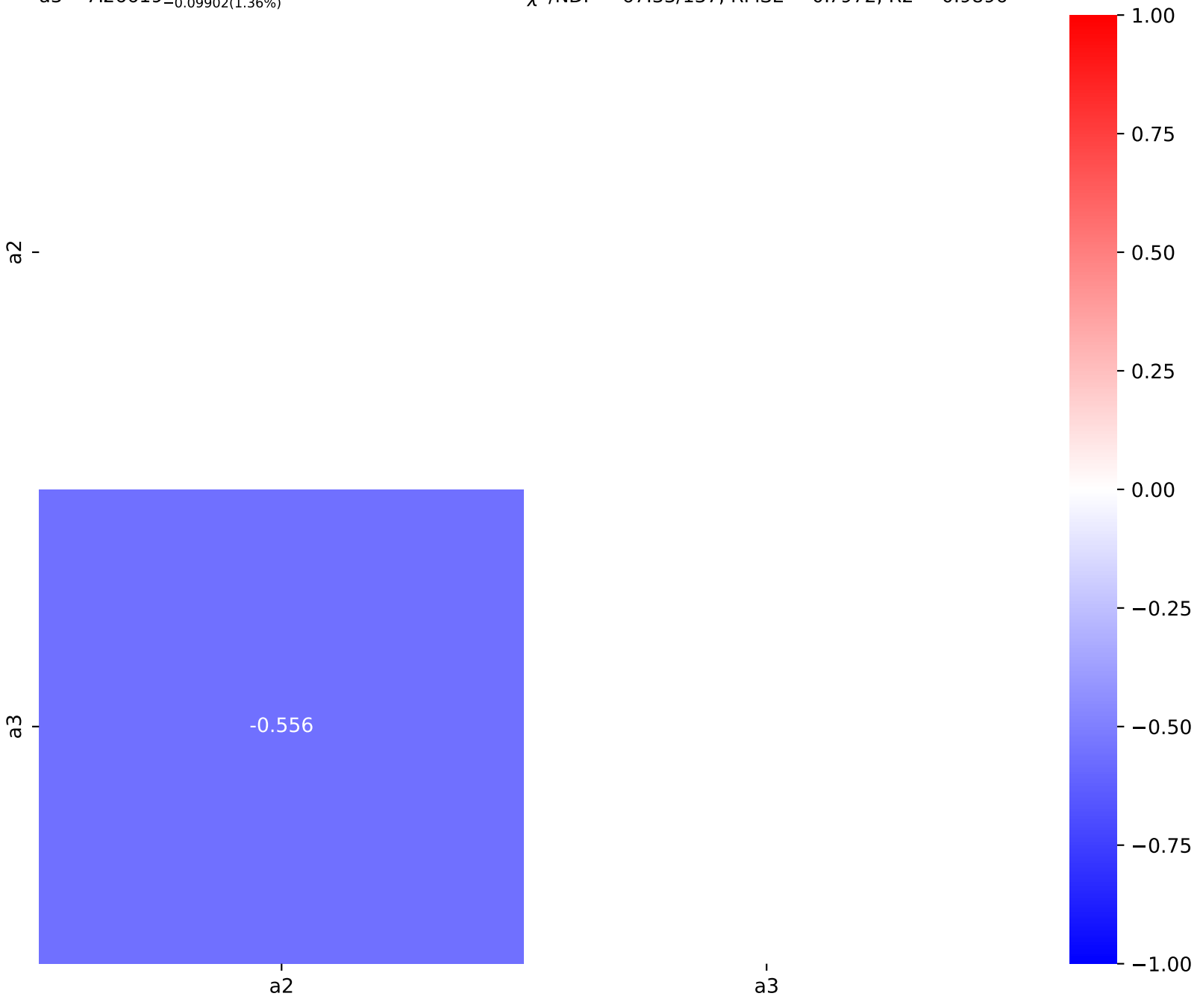
1.0*(a2**(a1 + a3*tanh(((x0 - 503.0) * 0.000286615))))

SymbolFit

$a1 = -1.09,\ a2 = 0.0428641^{+0.0007208(1.68\%)}_{-0.0007016(1.64\%)},$
$a3 = 7.26619^{+0.1006(1.38\%)}_{-0.09902(1.36\%)}$

Candidate #5

χ^2/NDF = 67.33/137, RMSE = 0.7972, R2 = 0.9896



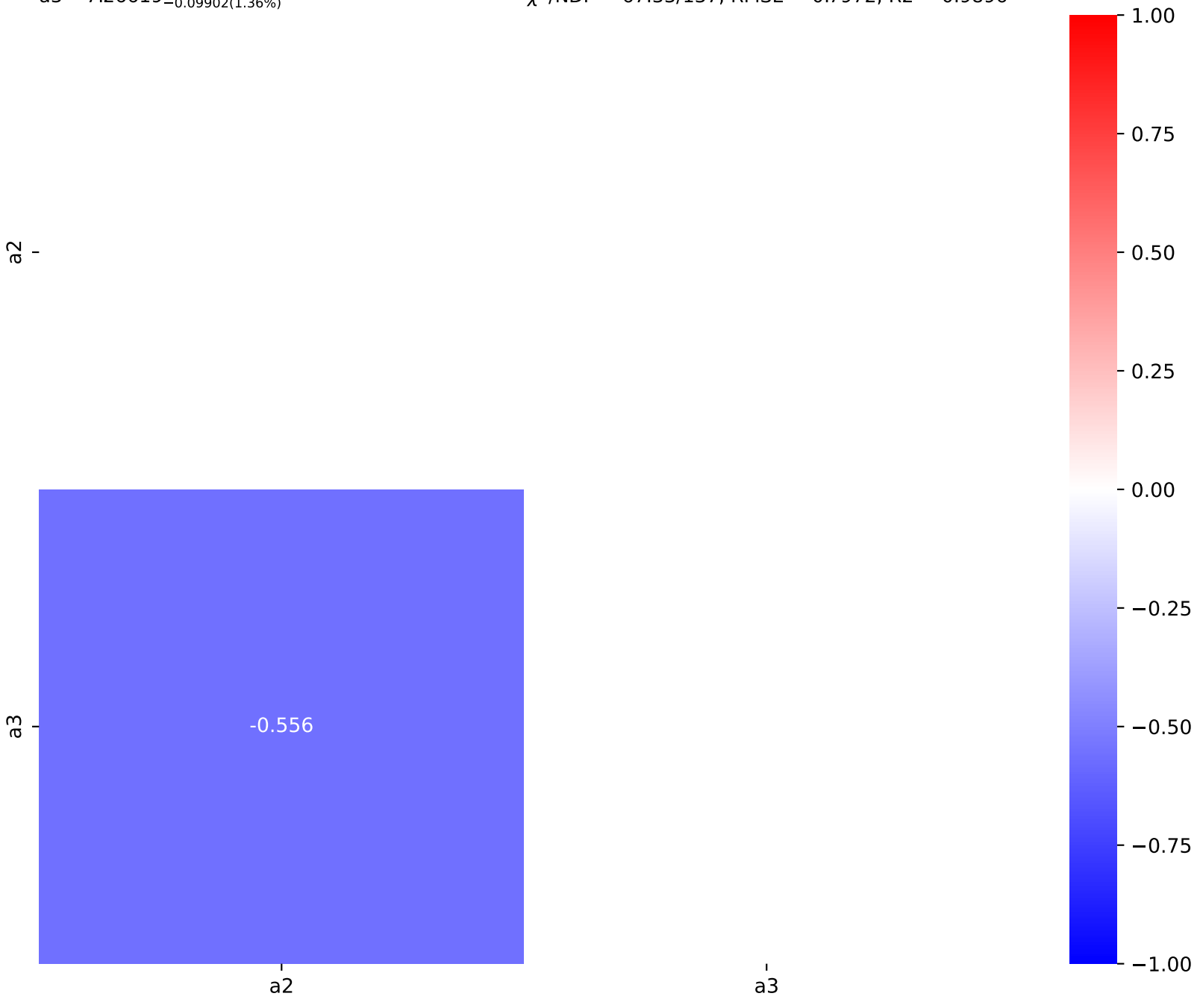
1.0*(a2**(a1 + a3*tanh(((x0 - 503.0) * 0.000286615))))

SymbolFit

$a1 = -1.09,\ a2 = 0.0428641^{+0.0007208(1.68\%)}_{-0.0007016(1.64\%)},$
$a3 = 7.26619^{+0.1006(1.38\%)}_{-0.09902(1.36\%)}$

Candidate #4

χ^2/NDF = 67.33/137, RMSE = 0.7972, R2 = 0.9896



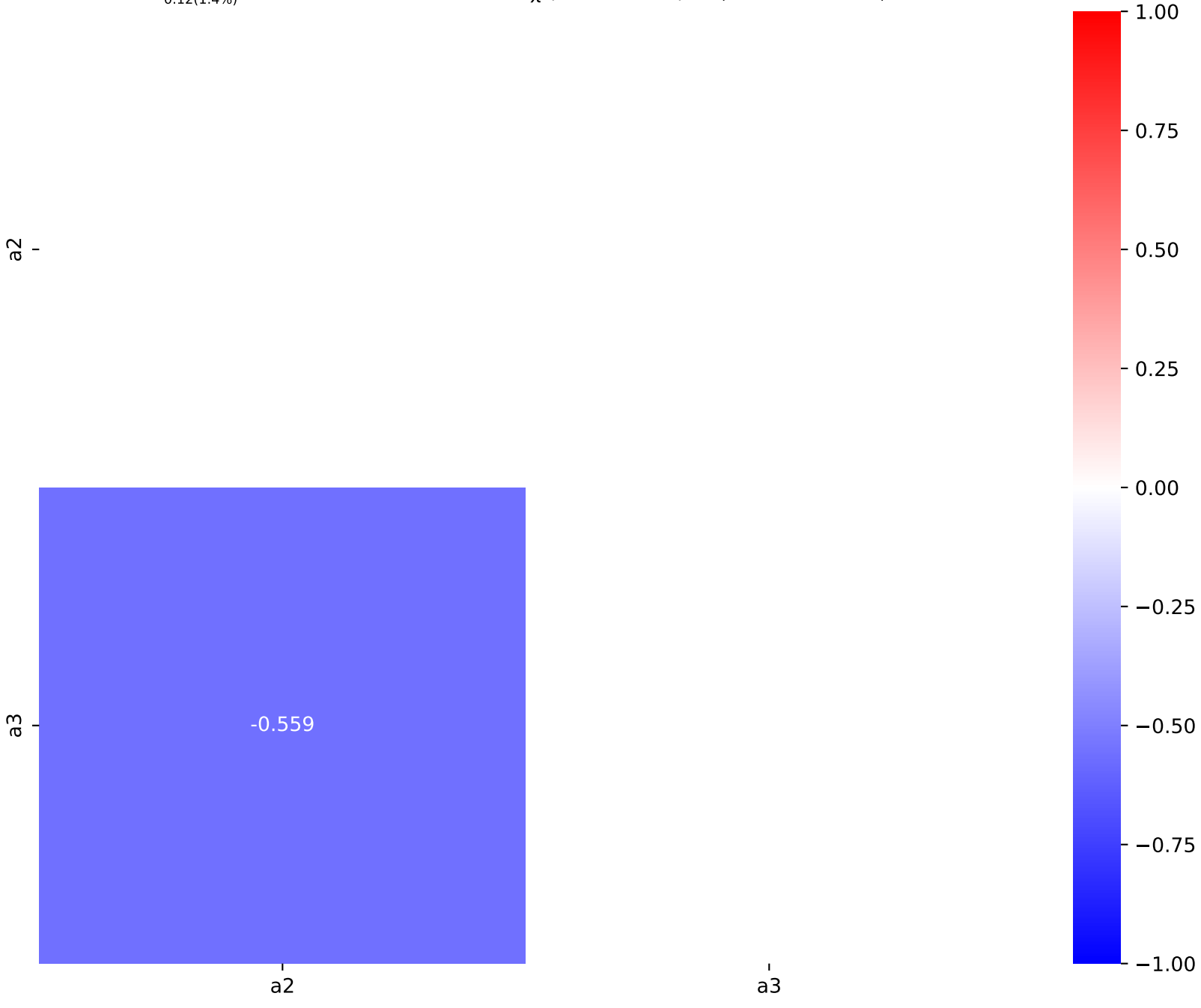
1.0*(a2**(a1 + a3*((x0 - 503.0) * 0.000286615)))

$a1 = -1.29,\ a2 = 0.0698646^{+0.001011(1.45\%)}_{-0.0009861(1.41\%)},$
$a3 = 8.5859^{+0.1219(1.42\%)}_{-0.12(1.4\%)}$

SymbolFit

Candidate #3

χ^2/NDF = 69.71/137, RMSE = 0.7981, R2 = 0.9895



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

$a1 = 0.000161,\ \ a2 = 9.94538^{+0.694(6.98\%)}_{-0.694(6.98\%)}$

SymbolFit

Candidate #2

χ^2/NDF = 1545.0/138, RMSE = 5.384, R2 = 0.5236

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

a1 = 0.00297

Candidate #1

χ^2/NDF = 3359.0/139, RMSE = 8.517, R2 = -0.1922

1.0*(a1)

a1 = 0.0234

Candidate #0

χ^2/NDF = 3836.0/139, RMSE = 8.911, R2 = -0.3049