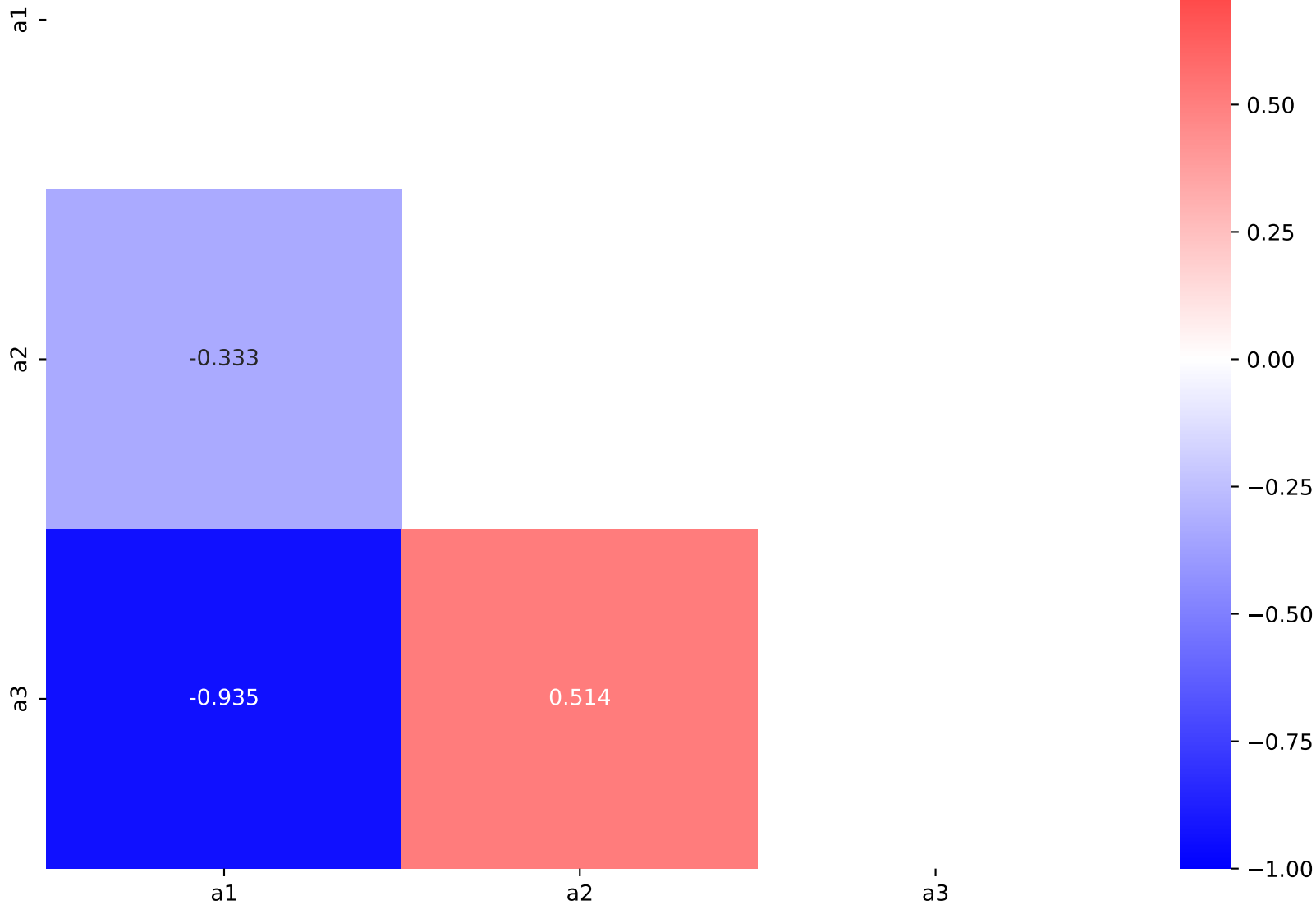38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + tanh(((x0 - 1794.0) * 0.000184332) + ((x0 - 1794.0) * 0.000184332)**a3)))

$a1 = 4.23734e-05^{+2.169e-06(5.12\%)}_{-2.132e-06(5.03\%)}$, $a2 = 0.165227^{+0.0002952(0.179\%)}_{-0.0002956(0.179\%)}$,

$a3 = 1.40822^{+0.02191(1.56\%)}_{-0.02035(1.44\%)}$

Candidate #9
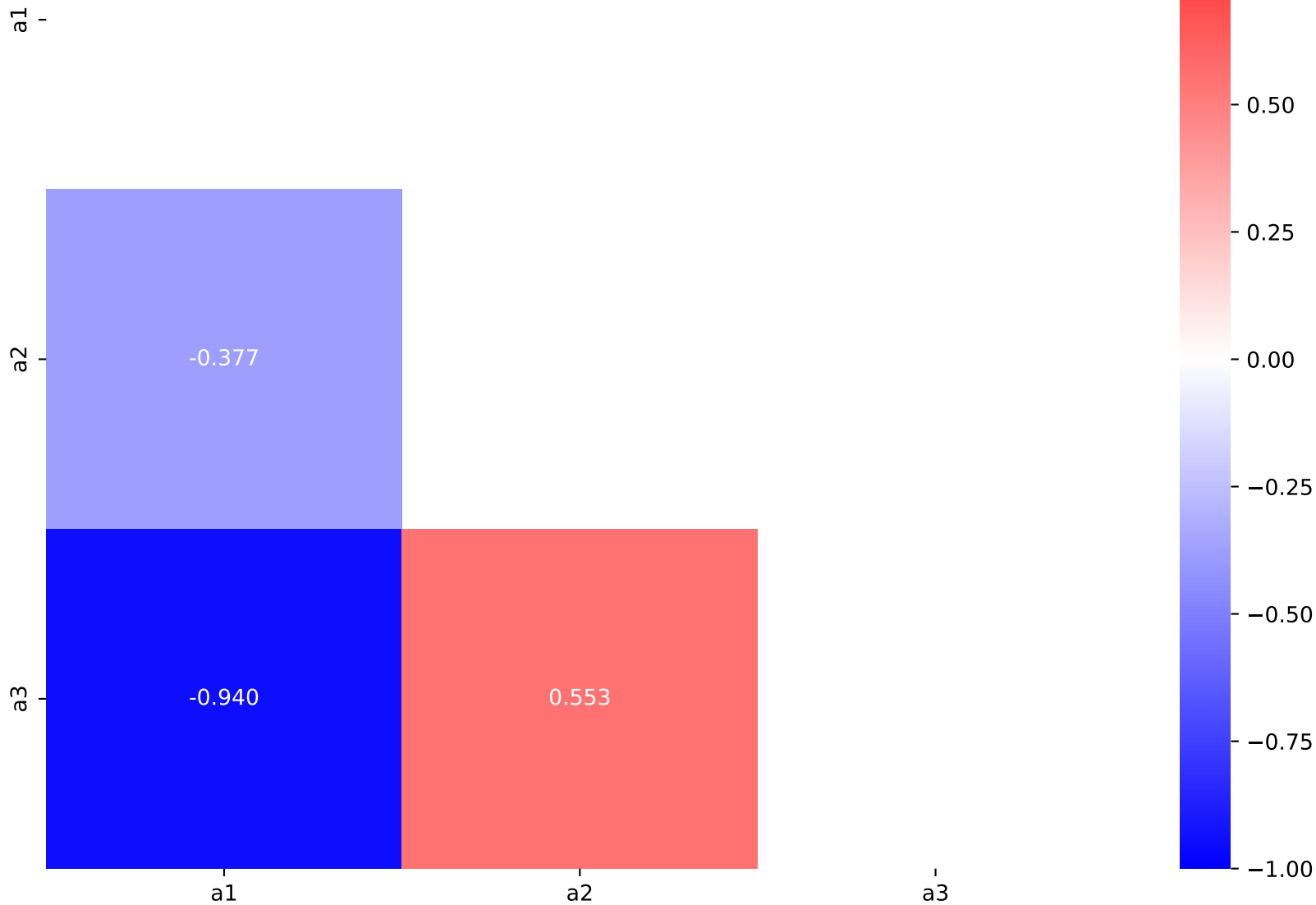
χ^2/NDF = 31.39/26, RMSE = 315.5, R2 = 1.0

SymbolFit

$38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + ((x0 - 1794.0) * 0.000184332) + ((x0 - 1794.0) * 0.000184332)**a3))$

$a1 = 5.30404e - 05^{+3.557e-06(6.71\%)}_{-3.46e-06(6.52\%)}$, $a2 = 0.165057^{+0.0003905(0.237\%)}_{-0.0003911(0.237\%)}$,

$a3 = 1.34599^{+0.02463(1.83\%)}_{-0.02263(1.68\%)}$

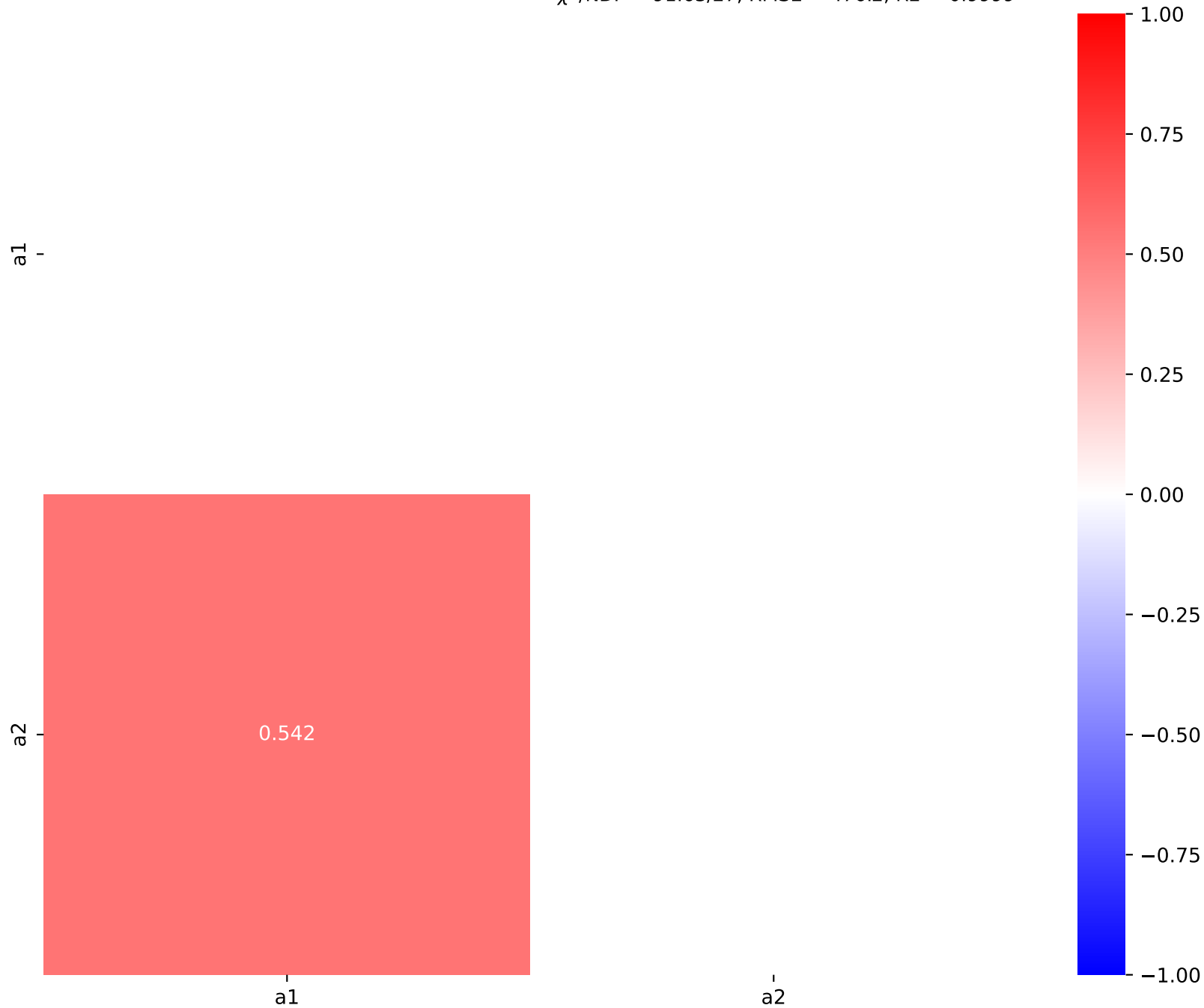**Candidate #8**

χ^2/NDF = 52.23/26, RMSE = 343.5, R2 = 1.0

SymbolFit

$38458.1*(a1**tanh(((x0 - 1794.0) * 0.000184332))/(a2 + ((x0 - 1794.0) * 0.000184332)))$

$a1 = 1.06853e - 05^{+3.34e-07(3.13\%)}_{-3.246e-07(3.04\%)}$, $a2 = 0.164674^{+0.000422(0.256\%)}_{-0.0004202(0.255\%)}$

Candidate #7

χ^2/NDF = 91.63/27, RMSE = 476.2, R2 = 0.9999

SymbolFit

a1

a2

0.542
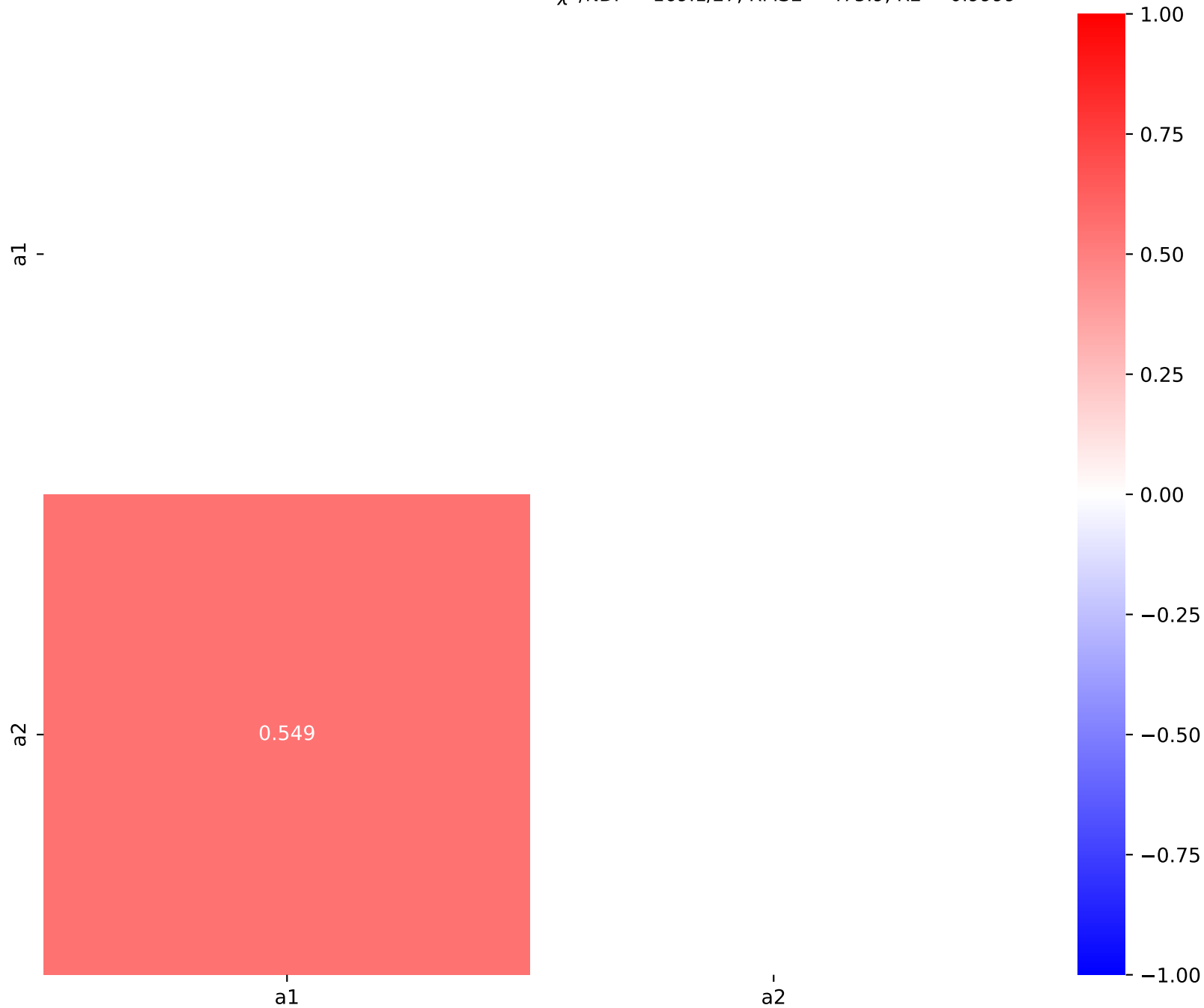
a1

a2

$38458.1*(a1**((x0 - 1794.0) * 0.000184332)/(a2 + ((x0 - 1794.0) * 0.000184332)))$

$a1 = 1.21048e - 05^{+5.28e-07(4.36\%)}_{-5.08e-07(4.2\%)}$, $a2 = 0.165306^{+0.0005818(0.352\%)}_{-0.0005785(0.35\%)}$ **Candidate #6**

χ^2/NDF = 169.1/27, RMSE = 475.9, R2 = 0.9999

SymbolFit

38458.1*(a1**(a2*tanh(((x0 - 1794.0) * 0.000184332)))*a3)
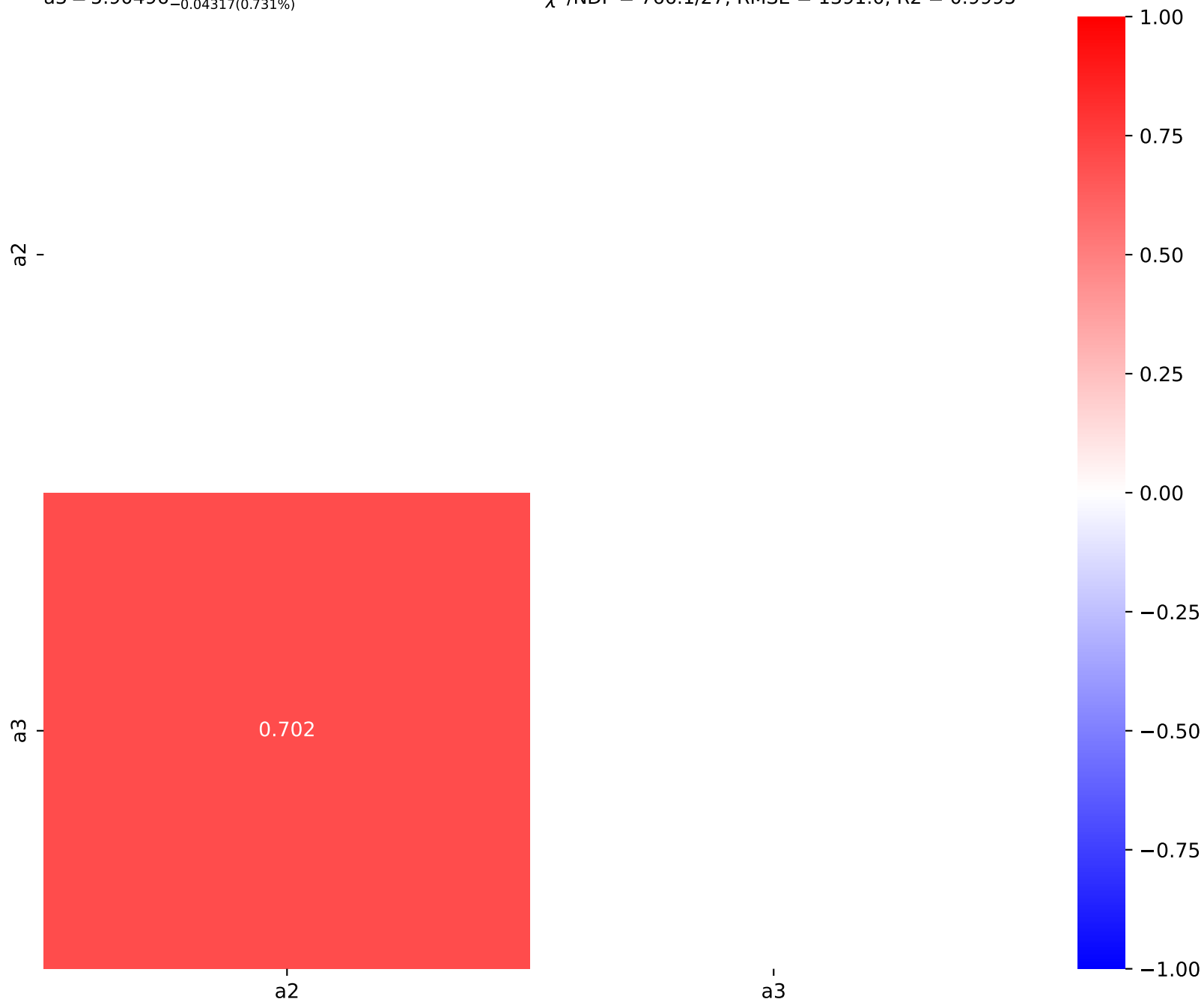
a1 = 0.000414, a2 = 2.01865$^{+0.01426(0.706\%)}_{-0.01416(0.701\%)}$,

a3 = 5.90496$^{+0.04328(0.733\%)}_{-0.04317(0.731\%)}$

Candidate #5
χ^2/NDF = 766.1/27, RMSE = 1391.0, R2 = 0.9995

SymbolFit

a2

a3

0.702

a2

a3

1.00

0.75

0.50

0.25

0.00

−0.25

−0.50

−0.75

−1.00

$38458.1*(a1**(2*((x0 - 1794.0) * 0.000184332))*a2)$

$a1 = 0.000408371^{+2.9e-05(7.1\%)}_{-2.73e-05(6.68\%)}$, $a2 = 5.88847^{+0.05371(0.912\%)}_{-0.05355(0.909\%)}$

Candidate #4

χ^2/NDF = 1178.0/27, RMSE = 1560.0, R2 = 0.9993

38458.1*(a2**(a1 + exp(((x0 - 1794.0) * 0.000184332))))

a1 = −1.15, a2 = 1.547e − 05$^{+5.96e-06(38.5\%)}_{-5.96e-06(38.5\%)}$

Candidate #3

χ^2/NDF = 58070.0/28, RMSE = 10270.0, R2 = 0.9716
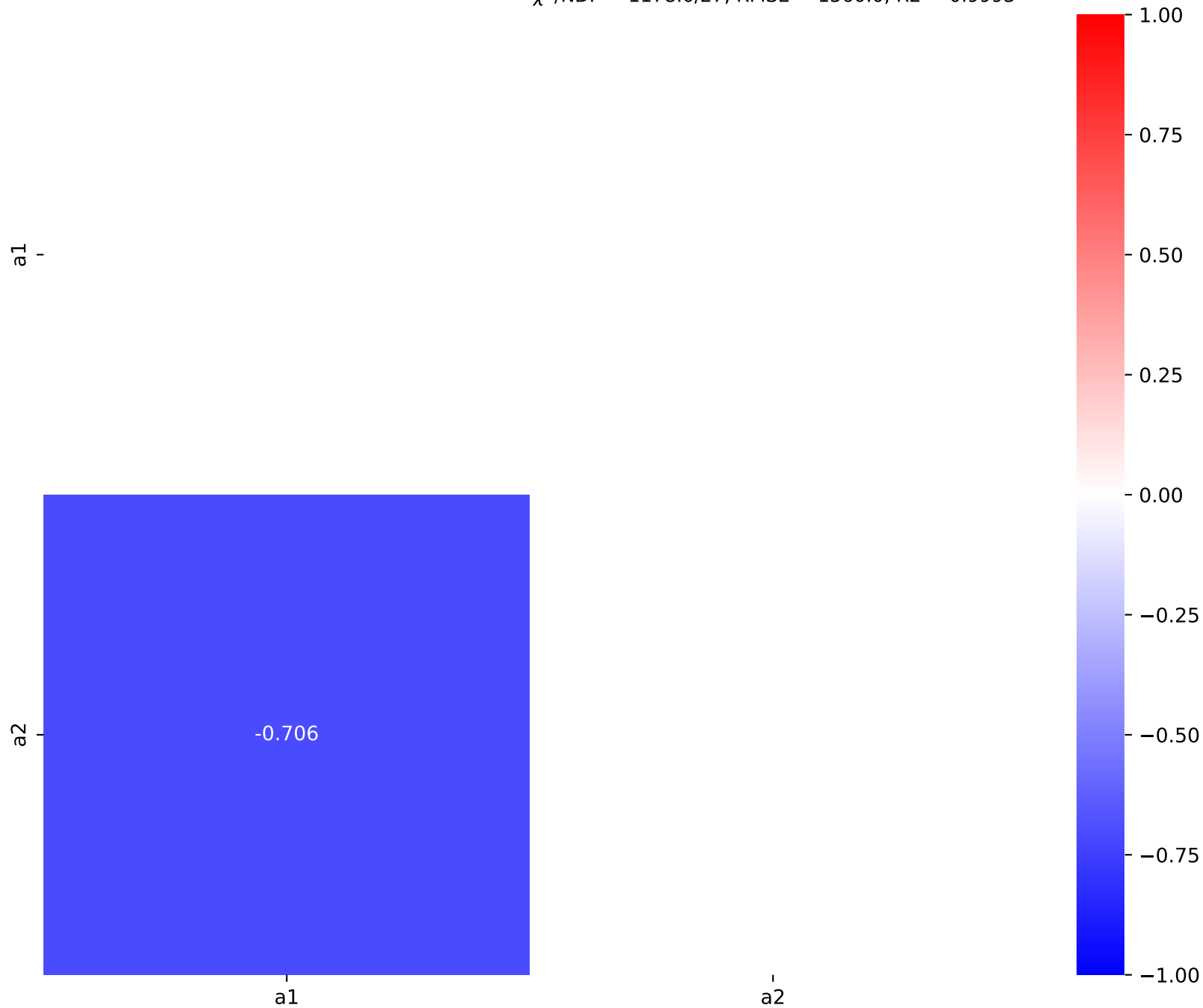
SymbolFit

$38458.1*(a2**(a1 + ((x0 - 1794.0) * 0.000184332)))$

$a1 = -0.136755^{+0.0057(4.17\%)}_{-0.0057(4.17\%)}$, $a2 = 3.87e - 05$

Candidate #2

χ^2/NDF = 95440.0/28, RMSE = 19510.0, R2 = 0.8975

$38458.1*(a1**((x0 - 1794.0) * 0.000184332))$

$a1 = 0.000899$

Candidate #1

χ^2/NDF = 613800.0/29, RMSE = 56810.0, R2 = 0.1306

38458.1*(a1)

a1 = 0.00062

Candidate #0
χ^2/NDF = 1115000.0/29, RMSE = 72030.0, R2 = -0.398

	1.00
	0.75
	0.50
	0.25
	0.00
	−0.25
	−0.50
	−0.75
	−1.00