

Candidate function #19

$$a_{10} \cdot (a_9 \cdot x_0 \cdot (a_5 \cdot x_0 \cdot (a_4 \cdot x_0^{**2} \cdot (a_3 \cdot x_0^{**2} \cdot (a_2 \cdot x_0^{**4} + a_8) + a_5 \cdot x_0) + a_6 \cdot x_0 + a_7) + a_5 \cdot x_0) + x_0) \cdot a_1$$

$$a_1 = -5.64, \quad a_2 = 5.21e-16,$$

$$a_3 = 5.92e-09, \quad a_4 = 4.4e-08,$$

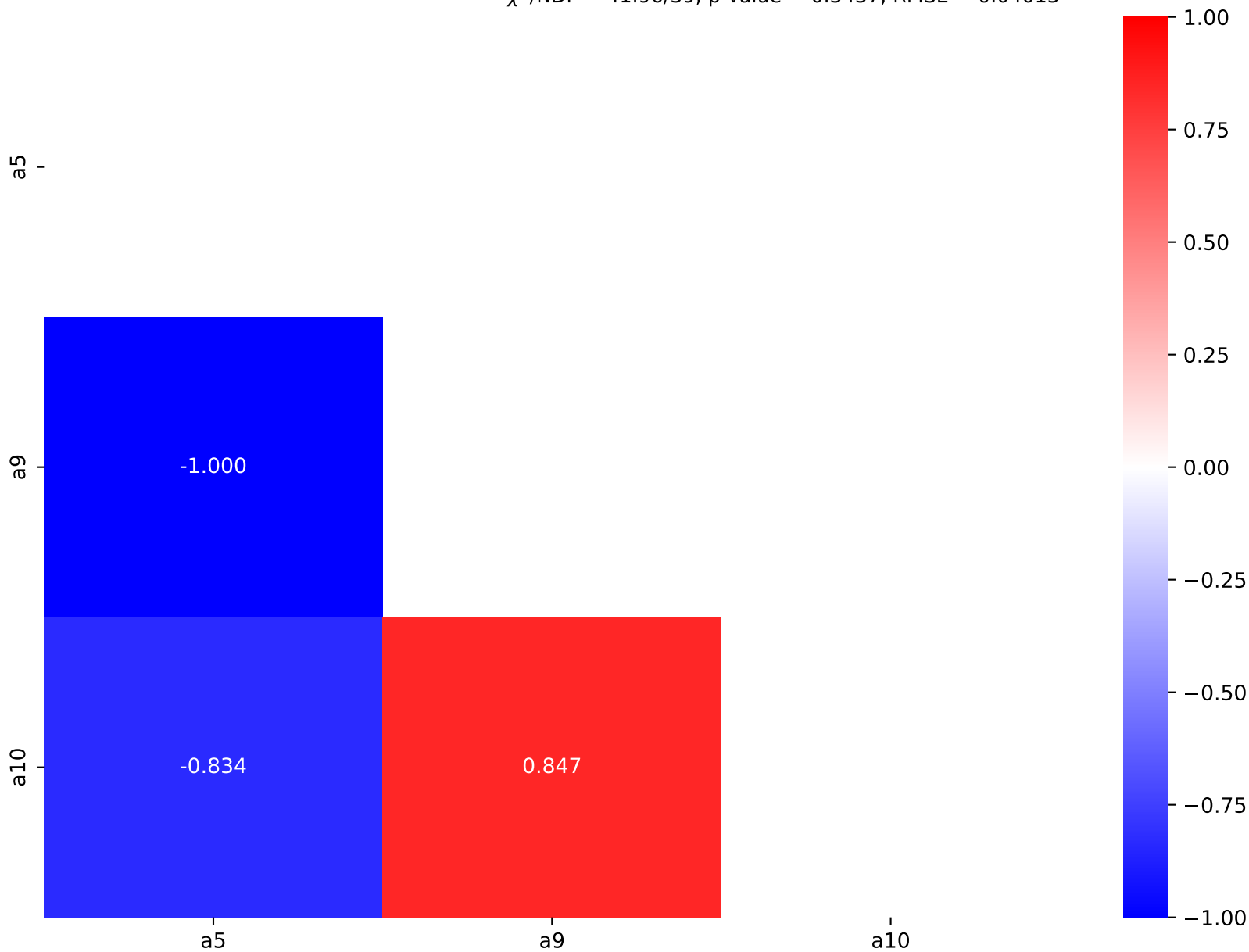
$$a_5 = 7.77126e-05^{+6.94e-06(8.93\%)}_{-6.94e-06(8.93\%)}, \quad a_6 = 0.000572,$$

$$a_7 = 0.00914, \quad a_8 = 0.0425,$$

$$a_9 = 0.406031^{+0.0383(9.43\%)}_{-0.0383(9.43\%)}, \quad a_{10} = 2.62672e+20^{+7.37e+17(0.281\%)}_{-7.37e+17(0.281\%)}$$

Candidate #19

$$\chi^2/\text{NDF} = 41.96/39, \quad \text{p-value} = 0.3437, \quad \text{RMSE} = 0.04013$$



Candidate function #18

$$a_8 \cdot (x_0 \cdot (a_4 \cdot x_0 \cdot (a_3 \cdot x_0^{**2} \cdot (a_2 \cdot x_0^{**6} + a_5 \cdot x_0) + a_6 \cdot x_0 + a_7) + a_4 \cdot x_0) + x_0) \cdot a_1$$

$$a_1 = -5.64, \quad a_2 = 3.08e-24,$$

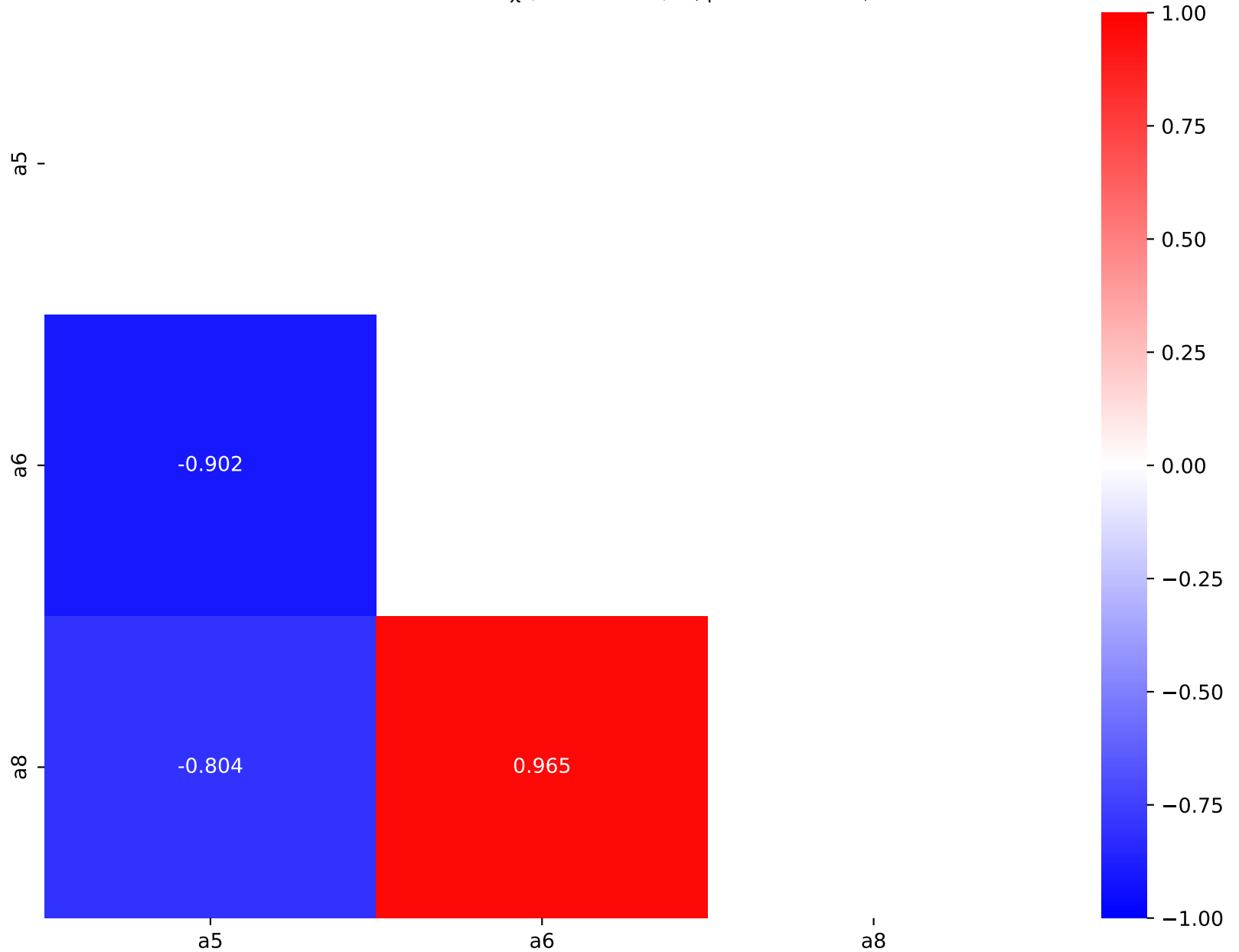
$$a_3 = 4.4e-08, \quad a_4 = 3.17e-05,$$

$$a_5 = 7.88417e-05^{+7.1e-06(9.01\%)}_{-7.1e-06(9.01\%)}, \quad a_6 = 0.000568227^{+4.58e-06(0.806\%)}_{-4.58e-06(0.806\%)},$$

$$a_7 = 0.00889, \quad a_8 = 2.6287e+20^{+5.13e+17(0.195\%)}_{-5.13e+17(0.195\%)}$$

Candidate #18

$$\chi^2/\text{NDF} = 42.01/39, \quad \text{p-value} = 0.342, \quad \text{RMSE} = 0.04068$$



Candidate function #17

$$a_9 \cdot (a_8 \cdot x_0 \cdot (a_5 \cdot x_0 \cdot (a_4 \cdot x_0^{**2} \cdot (a_3 \cdot x_0^{**4} \cdot (a_2 + a_5 \cdot x_0) + a_5 \cdot x_0) + a_6 \cdot x_0 + a_7) + a_5 \cdot x_0) + x_0) \cdot a_1$$

$$a_1 = -5.64, \quad a_2 = -0.0199,$$

$$a_3 = 2.6e-16, \quad a_4 = 4.4e-08,$$

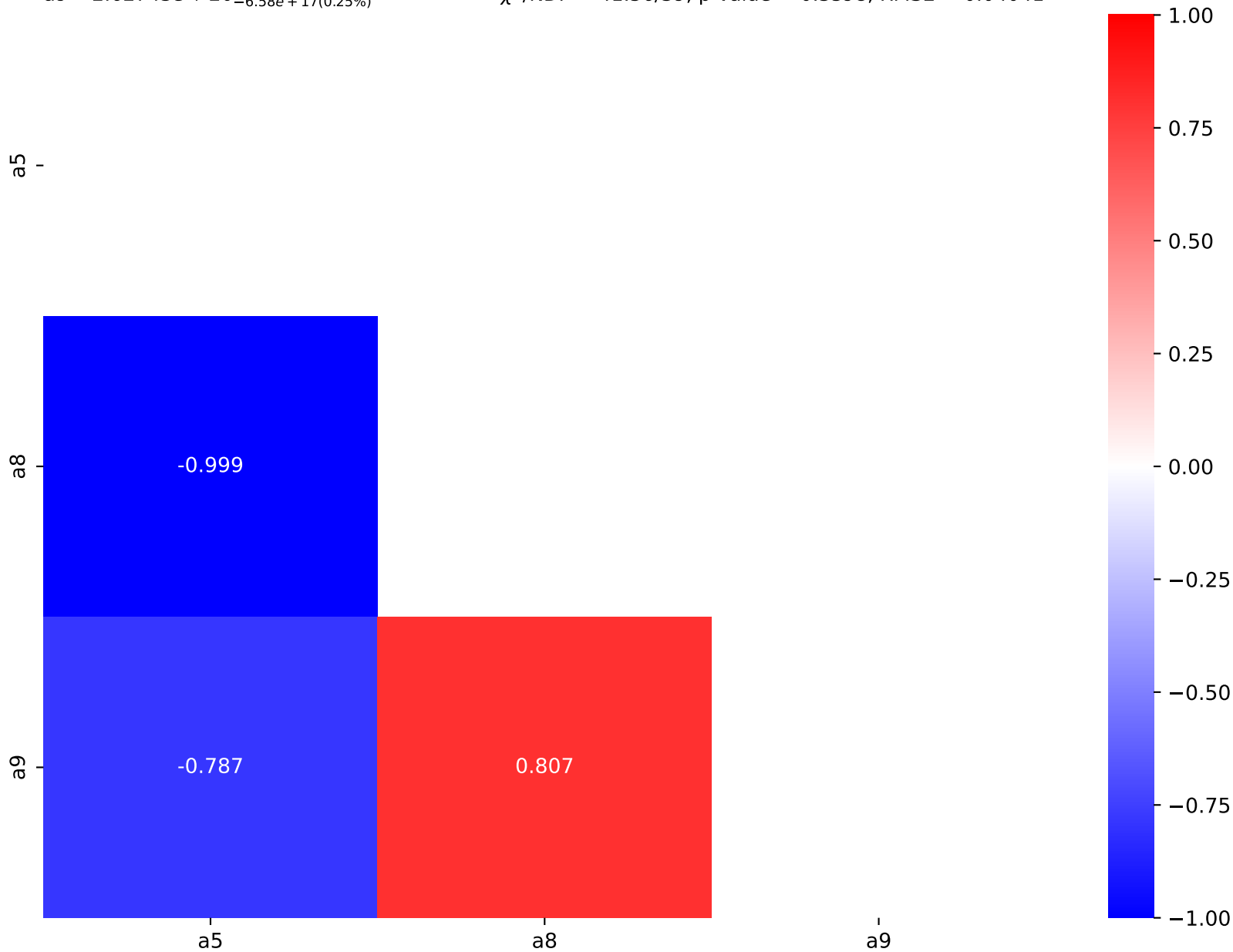
$$a_5 = 7.6729e-05^{+5.47e-06(7.13\%)}_{-5.47e-06(7.13\%)}, \quad a_6 = 0.000572,$$

$$a_7 = 0.00927, \quad a_8 = 0.411471^{+0.031(7.53\%)}_{-0.031(7.53\%)},$$

$$a_9 = 2.62743e+20^{+6.58e+17(0.25\%)}_{-6.58e+17(0.25\%)}$$

$$\chi^2/\text{NDF} = 41.56/39, \quad \text{p-value} = 0.3598, \quad \text{RMSE} = 0.04041$$

Candidate #17



Candidate function #16

$$a_8(a_7x_0(a_4x_0(a_3x_0^2(a_2x_0^5 + a_4x_0) + a_5x_0 + a_6) + a_4x_0) + x_0)^{a_1}$$

$$a_1 = -5.64, \quad a_2 = 2.0000000000000002e-20,$$

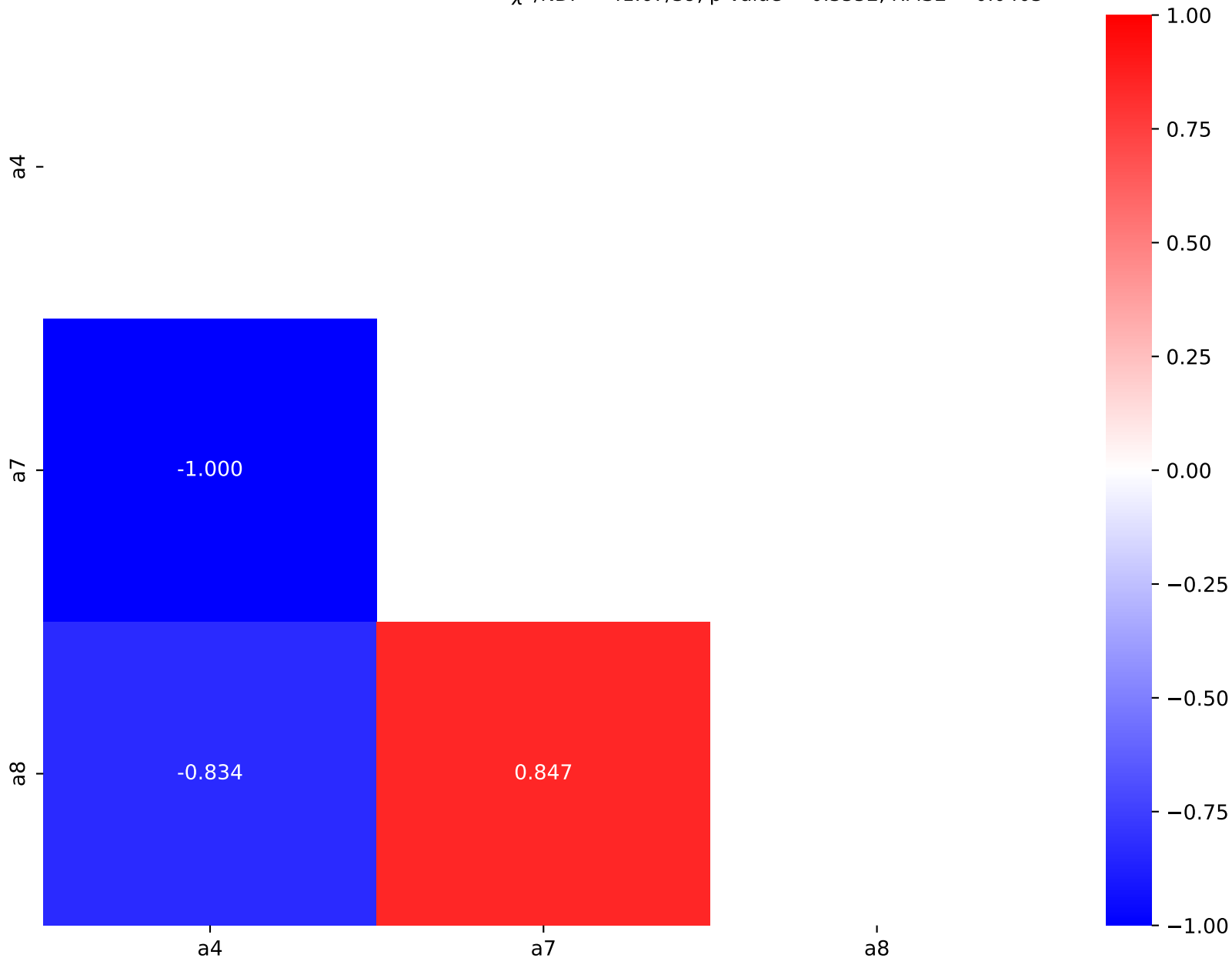
$$a_3 = 4.4e-08, \quad a_4 = 7.64229e-05^{+6.89e-06(9.02\%)}_{-6.89e-06(9.02\%)},$$

$$a_5 = 0.000572, \quad a_6 = 0.00915,$$

$$a_7 = 0.413139^{+0.0393(9.51\%)}_{-0.0393(9.51\%)}, \quad a_8 = 2.62736e+20^{+7.33e+17(0.279\%)}_{-7.33e+17(0.279\%)}$$

Candidate #16

$$\chi^2/\text{NDF} = 41.67/39, \quad \text{p-value} = 0.3552, \quad \text{RMSE} = 0.0403$$



Candidate function #15

$$a7*(a6*x0*(a4*x0 + a5*x0*(a3*x0**2*(a2*x0**5 + a4*x0) + a4*x0)) + x0)**a1$$

$$a1 = -5.64, \quad a2 = 2.0000000000000002e - 20,$$

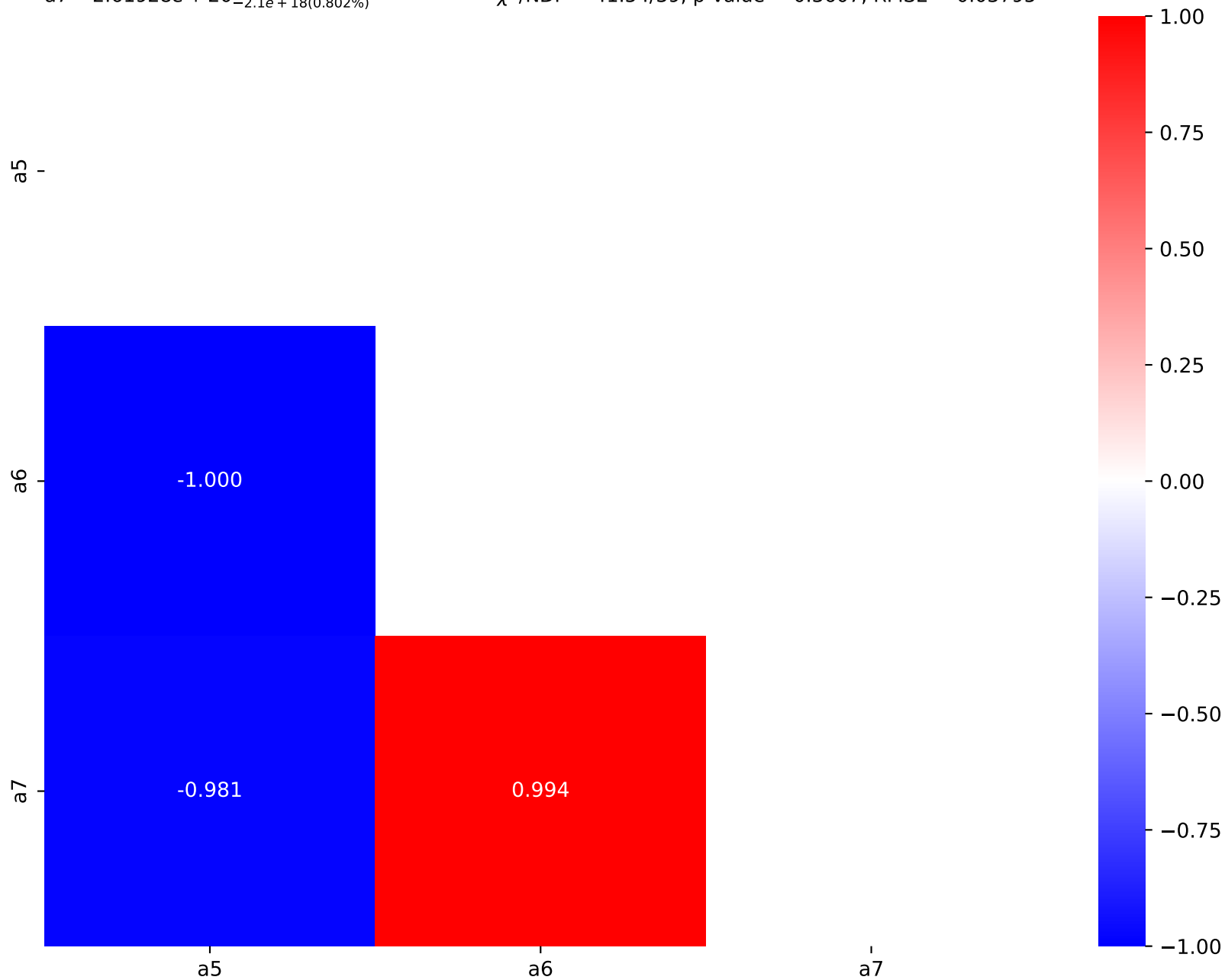
$$a3 = 5.92e - 09, \quad a4 = 7.69e - 05,$$

$$a5 = 0.00057826^{+3.16e-05(5.46\%)}_{-3.16e-05(5.46\%)}, \quad a6 = 0.407912^{+0.017(4.17\%)}_{-0.017(4.17\%)},$$

$$a7 = 2.61928e + 20^{+2.1e+18(0.802\%)}_{-2.1e+18(0.802\%)}$$

Candidate #15

$$\chi^2/\text{NDF} = 41.54/39, \quad \text{p-value} = 0.3607, \quad \text{RMSE} = 0.03795$$



Candidate function #14

$$a7*(a6*x0*(a4*x0 + a5*x0*(a3*x0**2*(a2*x0**4 + a4*x0) + a4*x0)) + x0)**a1$$

$$a1 = -5.64, \quad a2 = 1.06e-16,$$

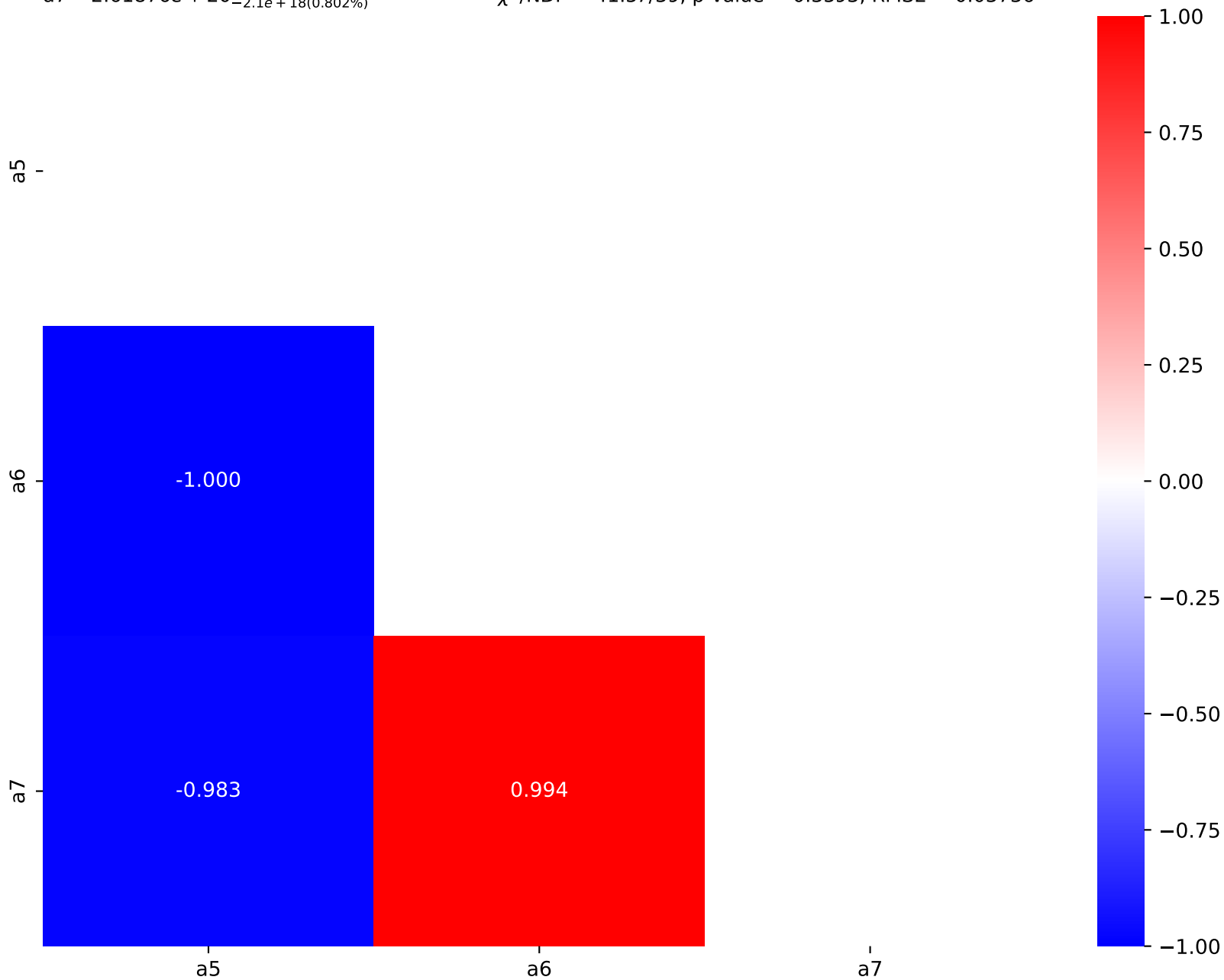
$$a3 = 5.92e-09, \quad a4 = 7.69e-05,$$

$$a5 = 0.00057743^{+3.15e-05(5.46\%)}_{-3.15e-05(5.46\%)}, \quad a6 = 0.408045^{+0.017(4.17\%)}_{-0.017(4.17\%)},$$

$$a7 = 2.61876e+20^{+2.1e+18(0.802\%)}_{-2.1e+18(0.802\%)}$$

Candidate #14

$$\chi^2/\text{NDF} = 41.57/39, \quad \text{p-value} = 0.3593, \quad \text{RMSE} = 0.03736$$



Candidate function #13

$$a7*(a6*x0*(a4*x0 + a5*x0*(a3*x0**2*(a2*x0**3 + a4*x0) + a4*x0)) + x0)**a1$$

$$a1 = -5.64, \quad a2 = 5.76e-13,$$

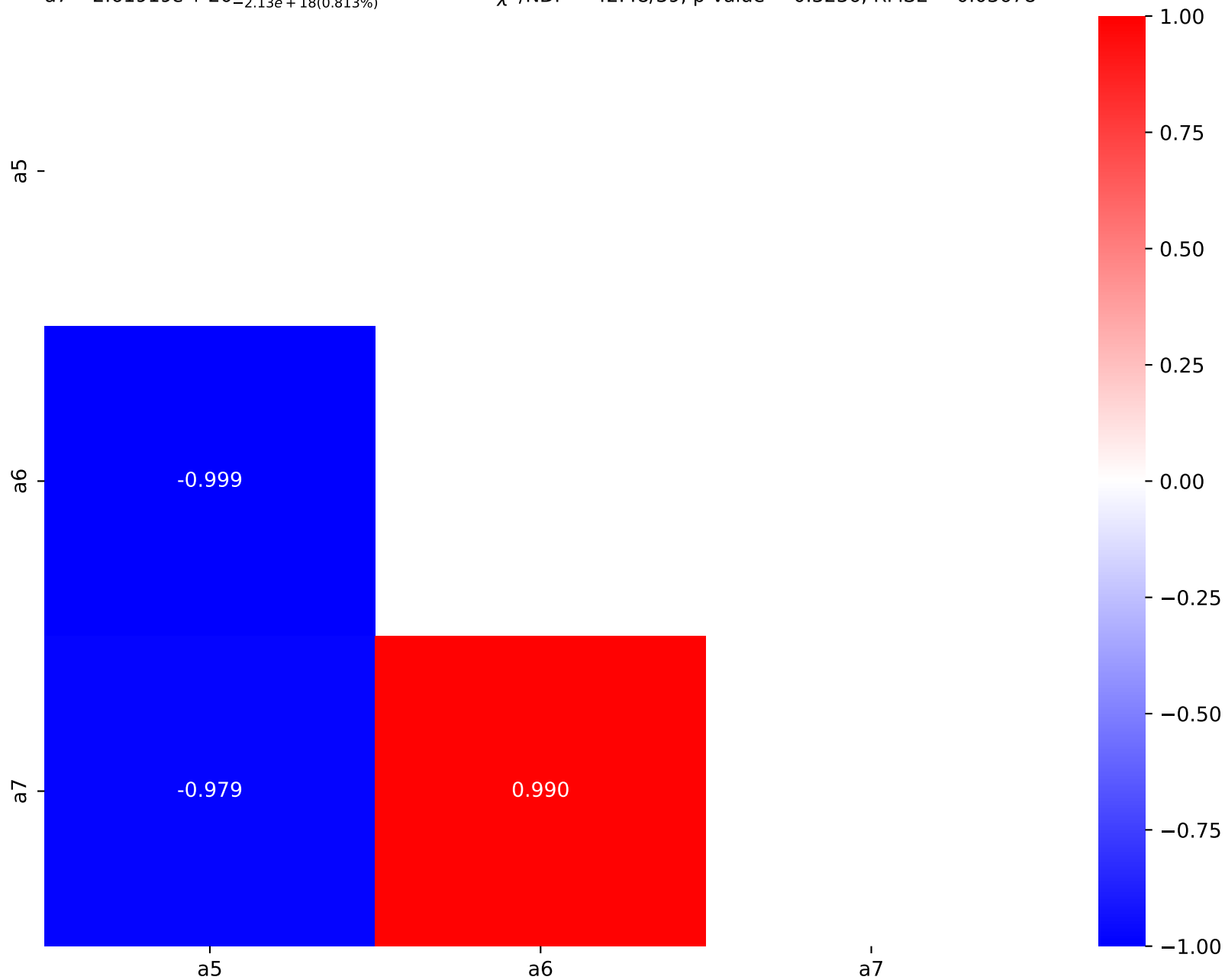
$$a3 = 5.92e-09, \quad a4 = 7.69e-05,$$

$$a5 = 0.000573849^{+3.16e-05(5.51\%)}_{-3.16e-05(5.51\%)}, \quad a6 = 0.409393^{+0.0172(4.2\%)}_{-0.0172(4.2\%)},$$

$$a7 = 2.61919e+20^{+2.13e+18(0.813\%)}_{-2.13e+18(0.813\%)}$$

$$\chi^2/\text{NDF} = 42.48/39, \quad \text{p-value} = 0.3236, \quad \text{RMSE} = 0.03678$$

Candidate #13



Candidate function #12

$$a7*(x0*(a4*x0 + a6*x0*(a3*x0**2*(a2*x0**3 + a5*x0) + a5*x0)) + x0)**a1$$

$$a1 = -5.64, \quad a2 = 4.55e-13,$$

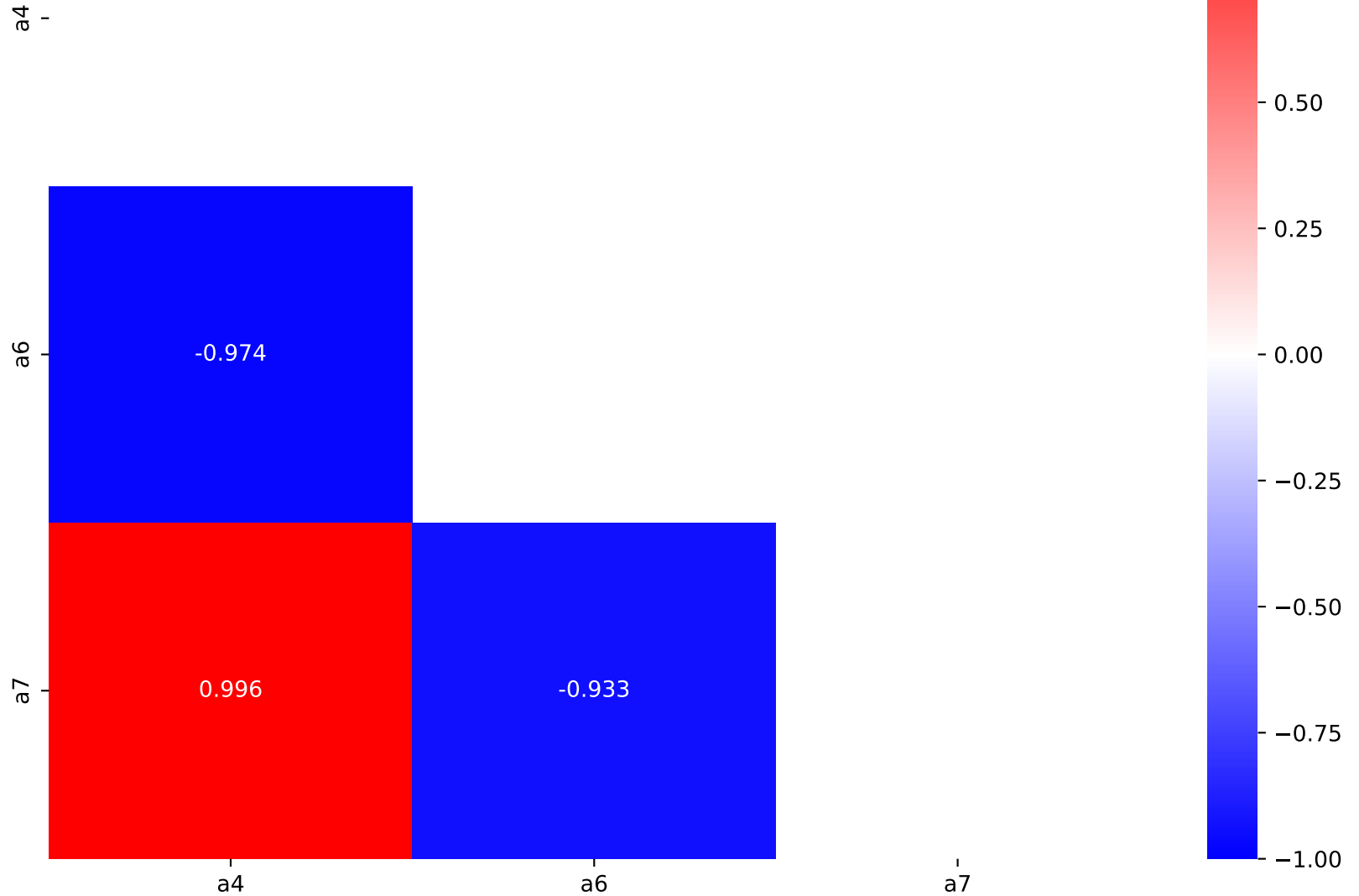
$$a3 = 5.92e-09, \quad a4 = 3.08548e-05^{+1.33e-06(4.31\%)}_{-1.33e-06(4.31\%)},$$

$$a5 = 7.69e-05, \quad a6 = 0.000236736^{+3.15e-06(1.33\%)}_{-3.15e-06(1.33\%)},$$

$$a7 = 2.61039e+20^{+2.13e+18(0.816\%)}_{-2.13e+18(0.816\%)}$$

$$\chi^2/\text{NDF} = 42.64/39, \quad \text{p-value} = 0.3175, \quad \text{RMSE} = 0.03548$$

Candidate #12



Candidate function #11

$$a7*(a5*x0*(a3*x0*(a2*x0**3 + a3*x0)*(a4*x0 + a6) + a3*x0) + x0)**a1$$

$$a1 = -5.65, \quad a2 = 4.55e-13,$$

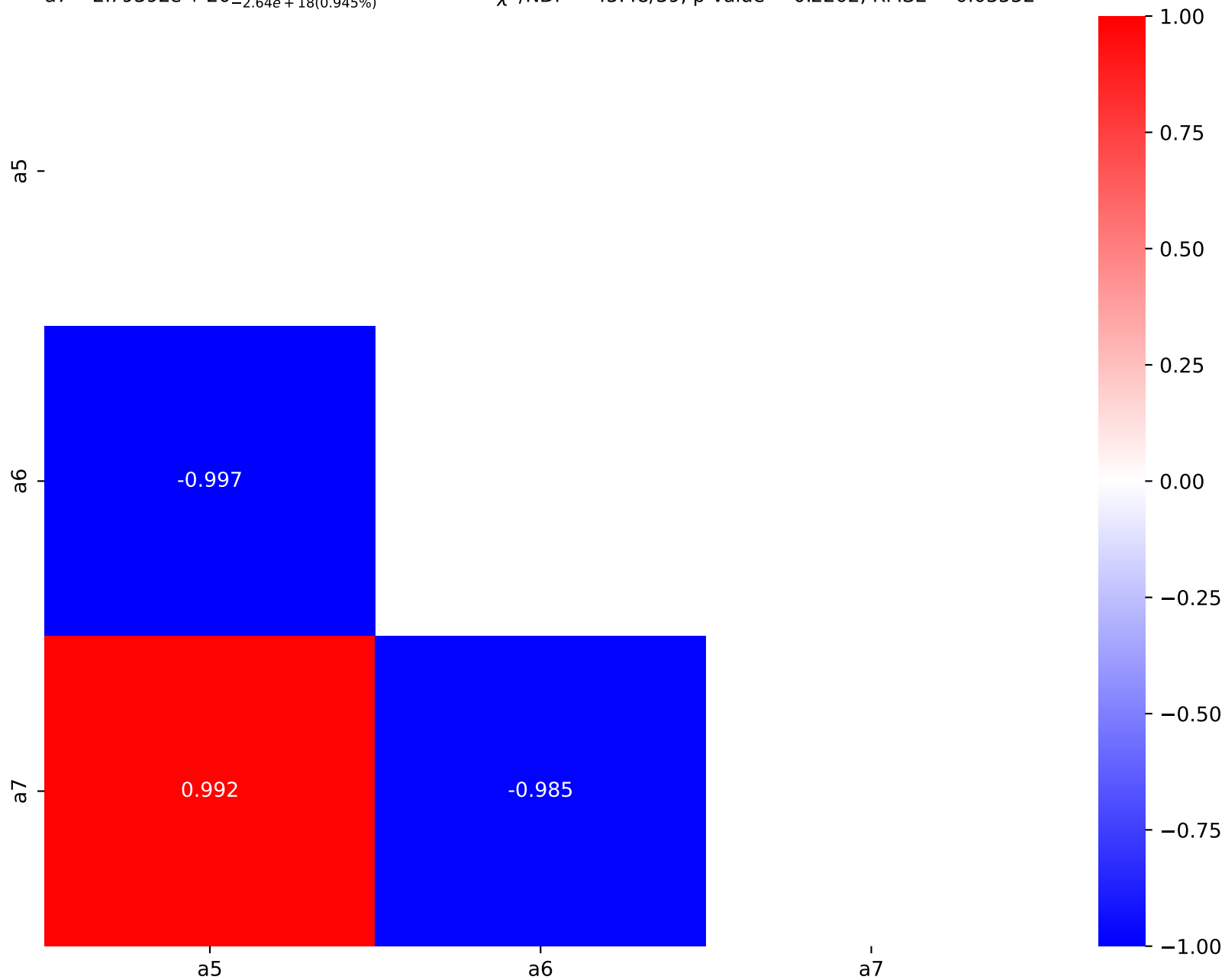
$$a3 = 7.69e-05, \quad a4 = 8.98e-05,$$

$$a5 = 0.40515^{+0.0209(5.16\%)}_{-0.0209(5.16\%)}, \quad a6 = 7.16935^{+0.507(7.07\%)}_{-0.507(7.07\%)},$$

$$a7 = 2.79392e+20^{+2.64e+18(0.945\%)}_{-2.64e+18(0.945\%)}$$

Candidate #11

$$\chi^2/\text{NDF} = 45.48/39, \quad \text{p-value} = 0.2202, \quad \text{RMSE} = 0.03552$$



Candidate function #10

$$a_6 \cdot (x_0 \cdot (a_3 \cdot x_0 \cdot (a_2 \cdot x_0^3 + a_4 \cdot x_0) \cdot (a_4 \cdot x_0 + a_5) + a_3 \cdot x_0) + x_0) \cdot a_1$$

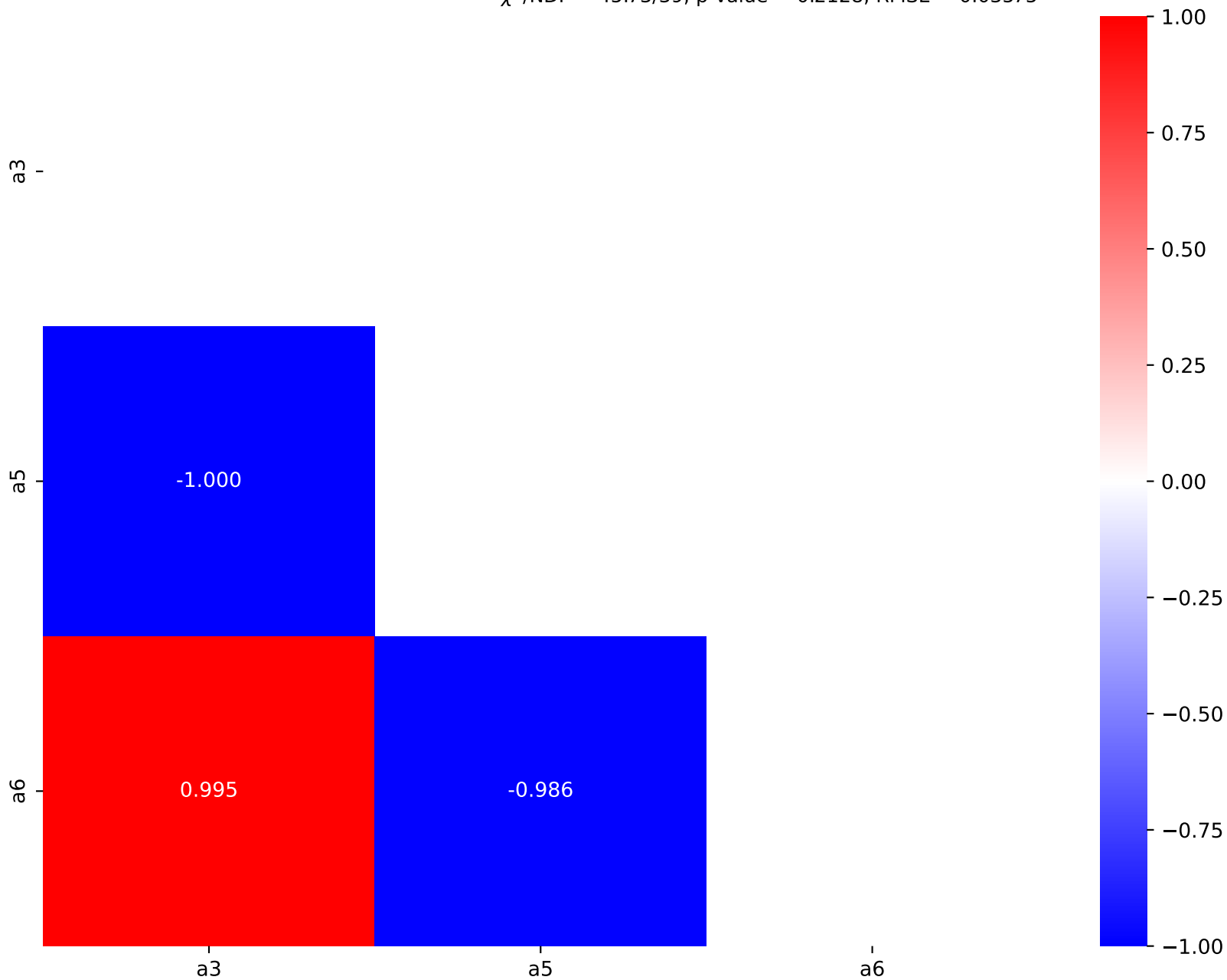
$$a_1 = -5.66, \quad a_2 = 4.55e-13,$$

$$a_3 = 2.90315e-05^{+1.56e-06(5.37\%)}_{-1.56e-06(5.37\%)}, \quad a_4 = 7.69e-05,$$

$$a_5 = 7.8163^{+0.562(7.19\%)}_{-0.562(7.19\%)}, \quad a_6 = 2.96622e+20^{+2.76e+18(0.93\%)}_{-2.76e+18(0.93\%)}$$

Candidate #10

$$\chi^2/\text{NDF} = 45.73/39, \quad \text{p-value} = 0.2128, \quad \text{RMSE} = 0.03575$$



Candidate function #9

$$a_6 \cdot (a_5 \cdot x_0 \cdot (a_3 \cdot x_0 + a_4 \cdot x_0 \cdot (a_2 \cdot x_0^2 + a_3 \cdot x_0)) + x_0) \cdot a_1$$

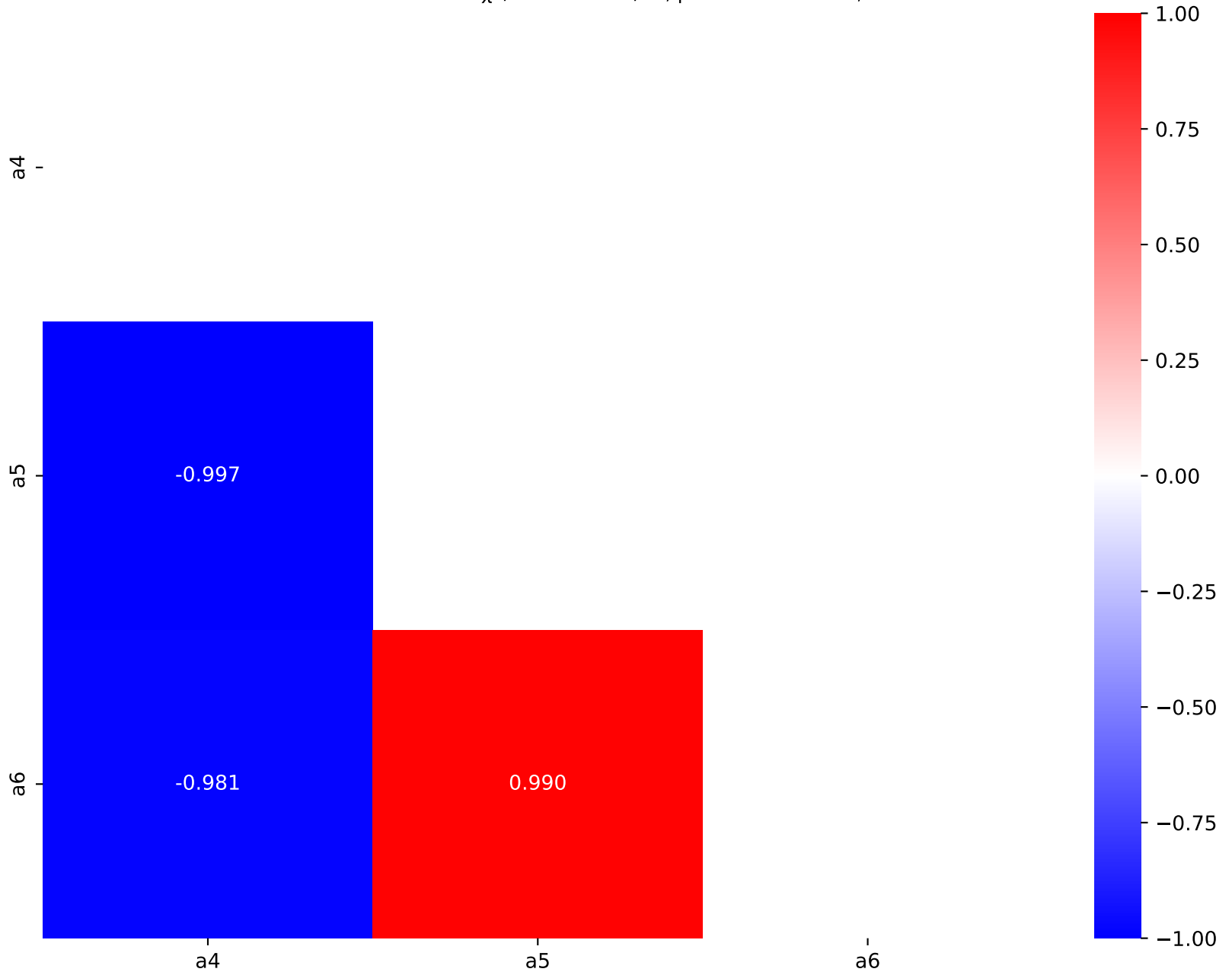
$$a_1 = -5.7, \quad a_2 = 5.92e-09,$$

$$a_3 = 7.69e-05, \quad a_4 = 0.000551201^{+3.6e-05(6.53\%)}_{-3.6e-05(6.53\%)},$$

$$a_5 = 0.344921^{+0.0177(5.13\%)}_{-0.0177(5.13\%)}, \quad a_6 = 3.83357e+20^{+3.36e+18(0.876\%)}_{-3.36e+18(0.876\%)}$$

Candidate #9

$$\chi^2/\text{NDF} = 52.37/39, \quad \text{p-value} = 0.07459, \quad \text{RMSE} = 0.03545$$



Candidate function #8

$$a_6 \cdot (a_5 \cdot x_0 \cdot (a_3 \cdot x_0 + a_4 \cdot x_0 \cdot (a_2 \cdot x_0^2 + a_3 \cdot x_0)) + x_0) \cdot a_1$$

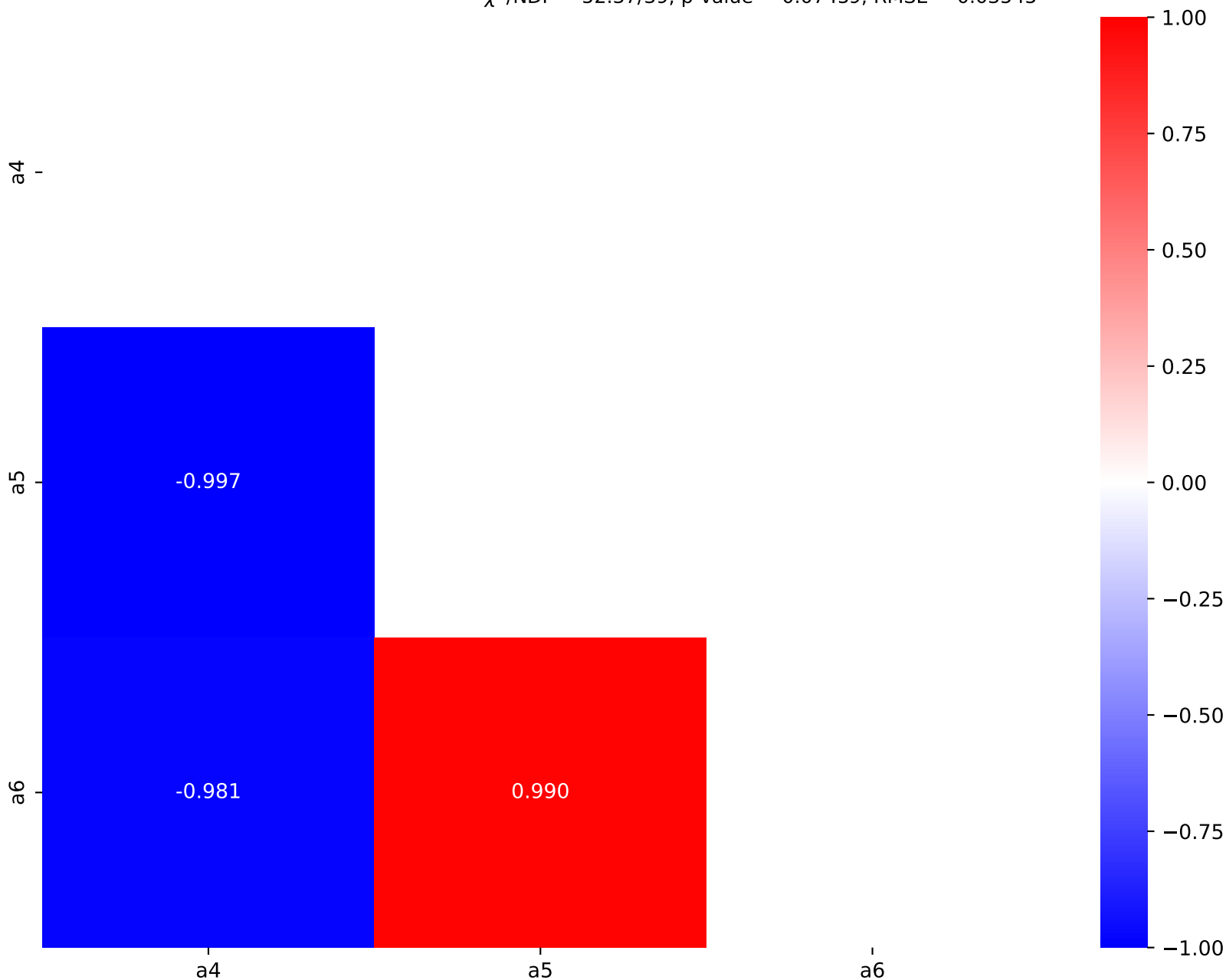
$$a_1 = -5.7, \quad a_2 = 5.92e-09,$$

$$a_3 = 7.69e-05, \quad a_4 = 0.000551201^{+3.6e-05(6.53\%)}_{-3.6e-05(6.53\%)},$$

$$a_5 = 0.344921^{+0.0177(5.13\%)}_{-0.0177(5.13\%)}, \quad a_6 = 3.83357e+20^{+3.36e+18(0.876\%)}_{-3.36e+18(0.876\%)}$$

Candidate #8

$$\chi^2/\text{NDF} = 52.37/39, \quad \text{p-value} = 0.07459, \quad \text{RMSE} = 0.03545$$



Candidate function #7

$$a_6 \cdot (a_5 \cdot x_0 + x_0 \cdot (a_2 + a_4 \cdot x_0) \cdot (a_3 + a_4 \cdot x_0)) \cdot a_1$$

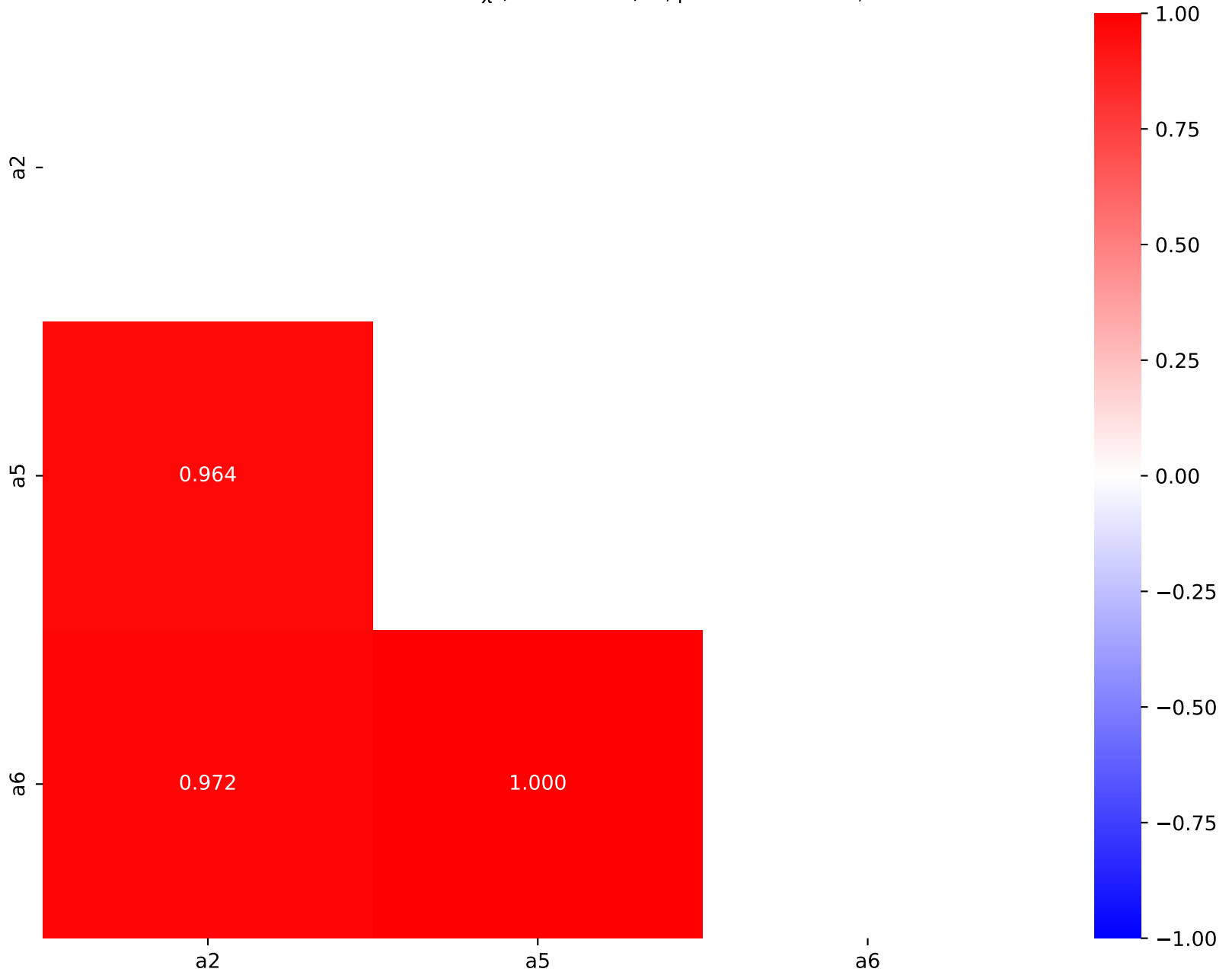
$$a_1 = -6.0, \quad a_2 = -0.0756072^{+0.00373(4.93\%)}_{-0.00373(4.93\%)},$$

$$a_3 = -0.0272, \quad a_4 = 7.69e-05,$$

$$a_5 = 0.260647^{+0.00366(1.4\%)}_{-0.00366(1.4\%)}, \quad a_6 = 7.683e+17^{+6.98e+16(9.08\%)}_{-6.98e+16(9.08\%)}$$

Candidate #7

$$\chi^2/\text{NDF} = 61.99/39, \quad \text{p-value} = 0.01102, \quad \text{RMSE} = 0.04453$$



Candidate function #6

$$a6*(x0*(a2 + a5*x0)*(a3 + a4*x0) + x0)**a1$$

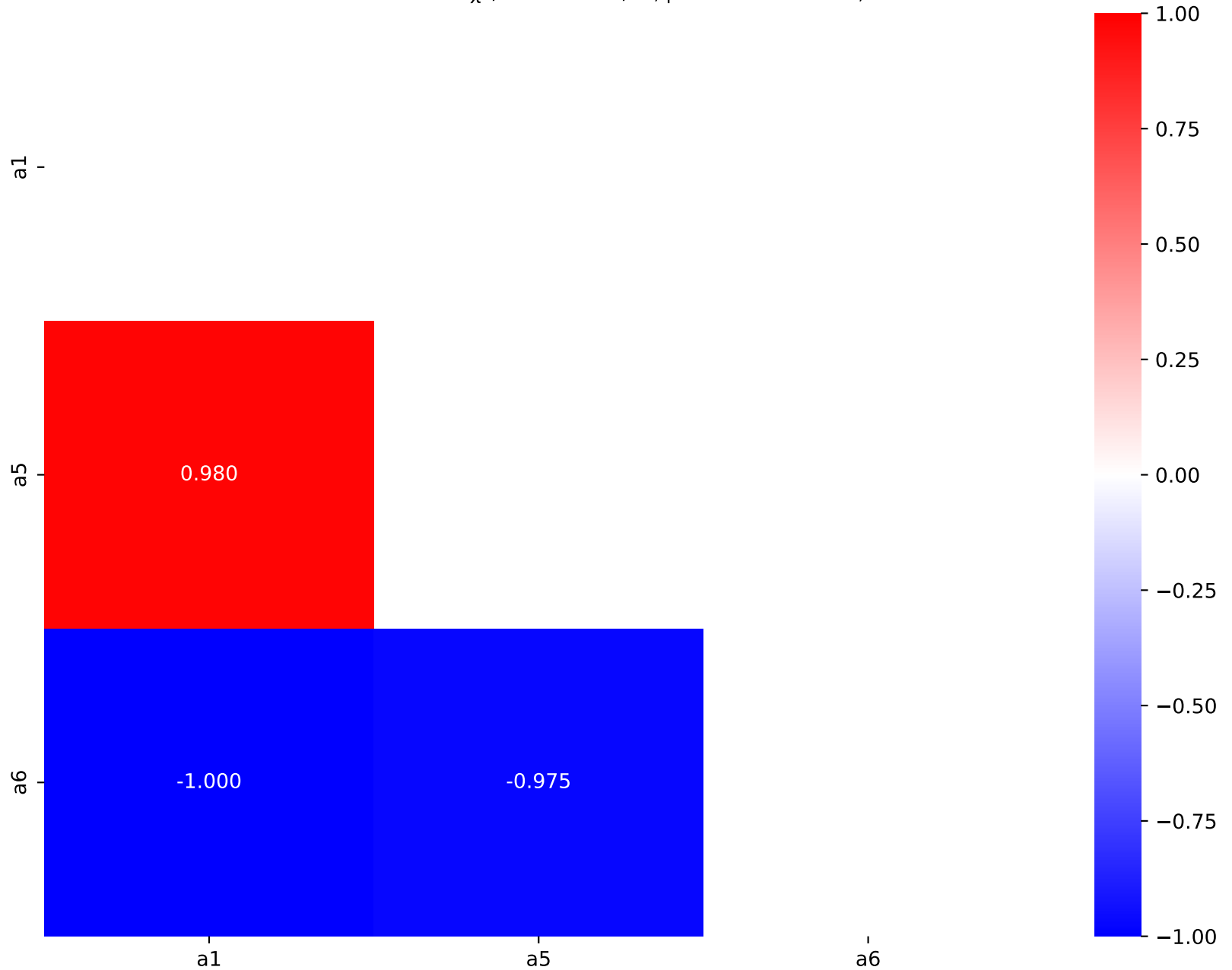
$$a1 = -5.91978^{+0.0124(0.209\%)}_{-0.0124(0.209\%)}, \quad a2 = -0.116,$$

$$a3 = -0.0423, \quad a4 = 7.69e-05,$$

$$a5 = 0.000295233^{+4.38e-06(1.48\%)}_{-4.38e-06(1.48\%)}, \quad a6 = 1.44531e+21^{+1.29e+20(8.93\%)}_{-1.29e+20(8.93\%)}$$

Candidate #6

$$\chi^2/\text{NDF} = 62.99/39, \text{ p-value} = 0.008821, \text{ RMSE} = 0.03672$$



Candidate function #5

$$a_5(a_4x_0^2(a_2 + a_3x_0) + x_0)a_1$$

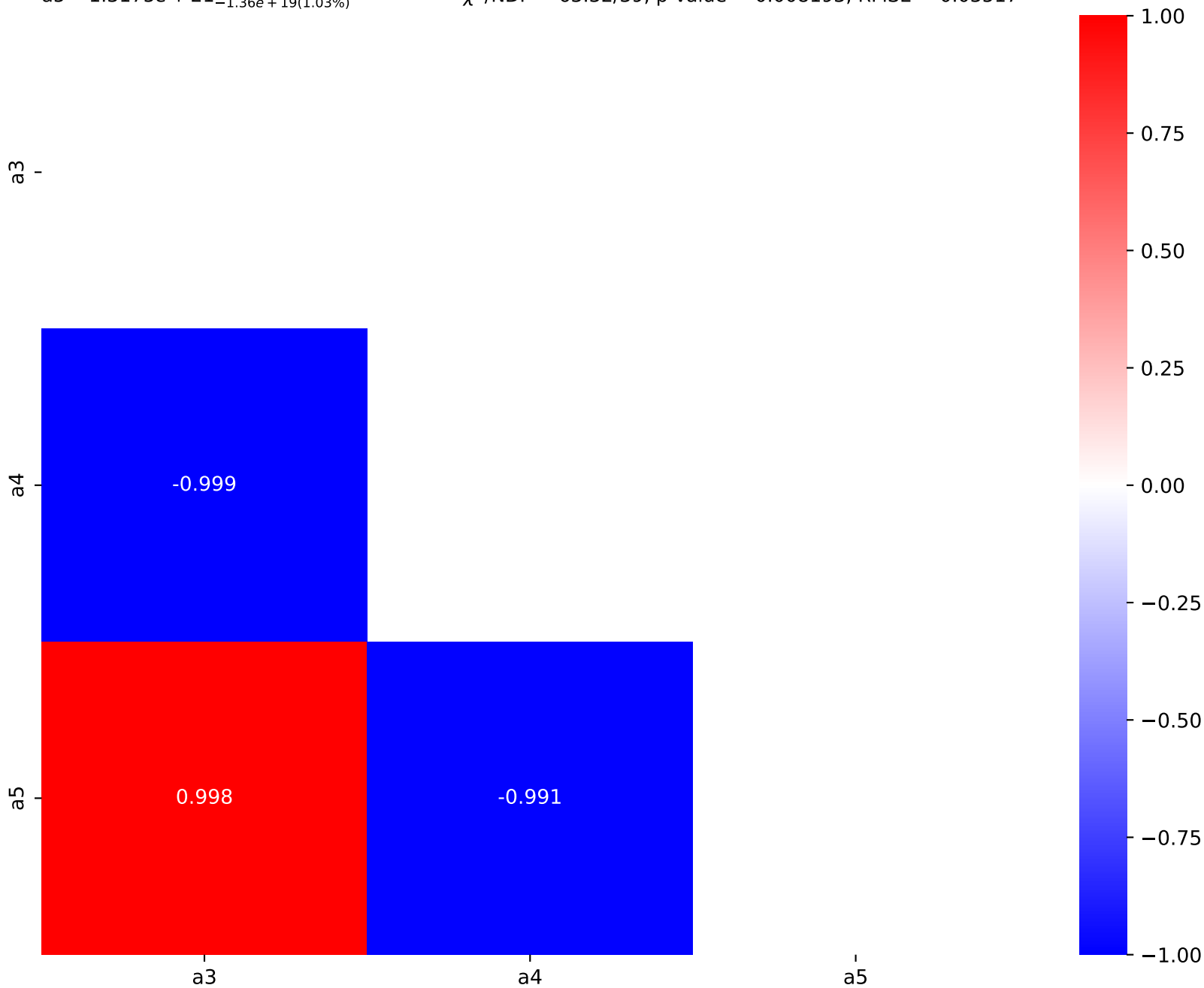
$$a_1 = -5.91, \quad a_2 = -0.0738,$$

$$a_3 = 8.17716e-05^{+5.18e-06(6.33\%)}_{-5.18e-06(6.33\%)}, \quad a_4 = 0.000277021^{+2.14e-05(7.73\%)}_{-2.14e-05(7.73\%)},$$

$$a_5 = 1.3175e+21^{+1.36e+19(1.03\%)}_{-1.36e+19(1.03\%)}$$

$$\chi^2/\text{NDF} = 63.32/39, \quad \text{p-value} = 0.008193, \quad \text{RMSE} = 0.03517$$

Candidate #5



Candidate function #4

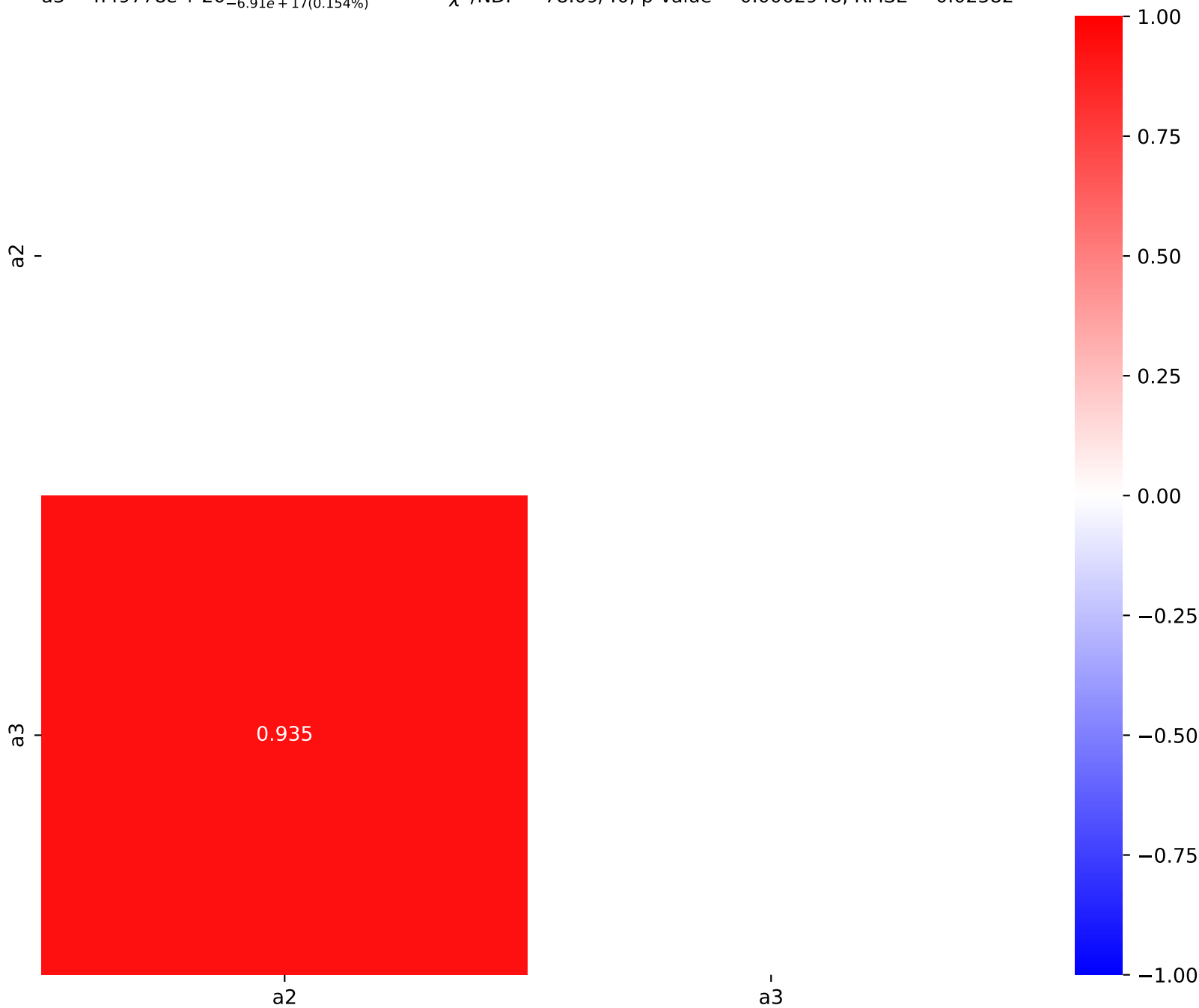
$$a_3(a_2x^3 + x)a_1$$

$$a_1 = -5.74, \quad a_2 = 2.29242e-08^{+7.81e-11(0.341\%)}_{-7.81e-11(0.341\%)},$$

$$a_3 = 4.49778e+20^{+6.91e+17(0.154\%)}_{-6.91e+17(0.154\%)}$$

$\chi^2/\text{NDF} = 78.09/40$, p-value = 0.0002948, RMSE = 0.02582

Candidate #4



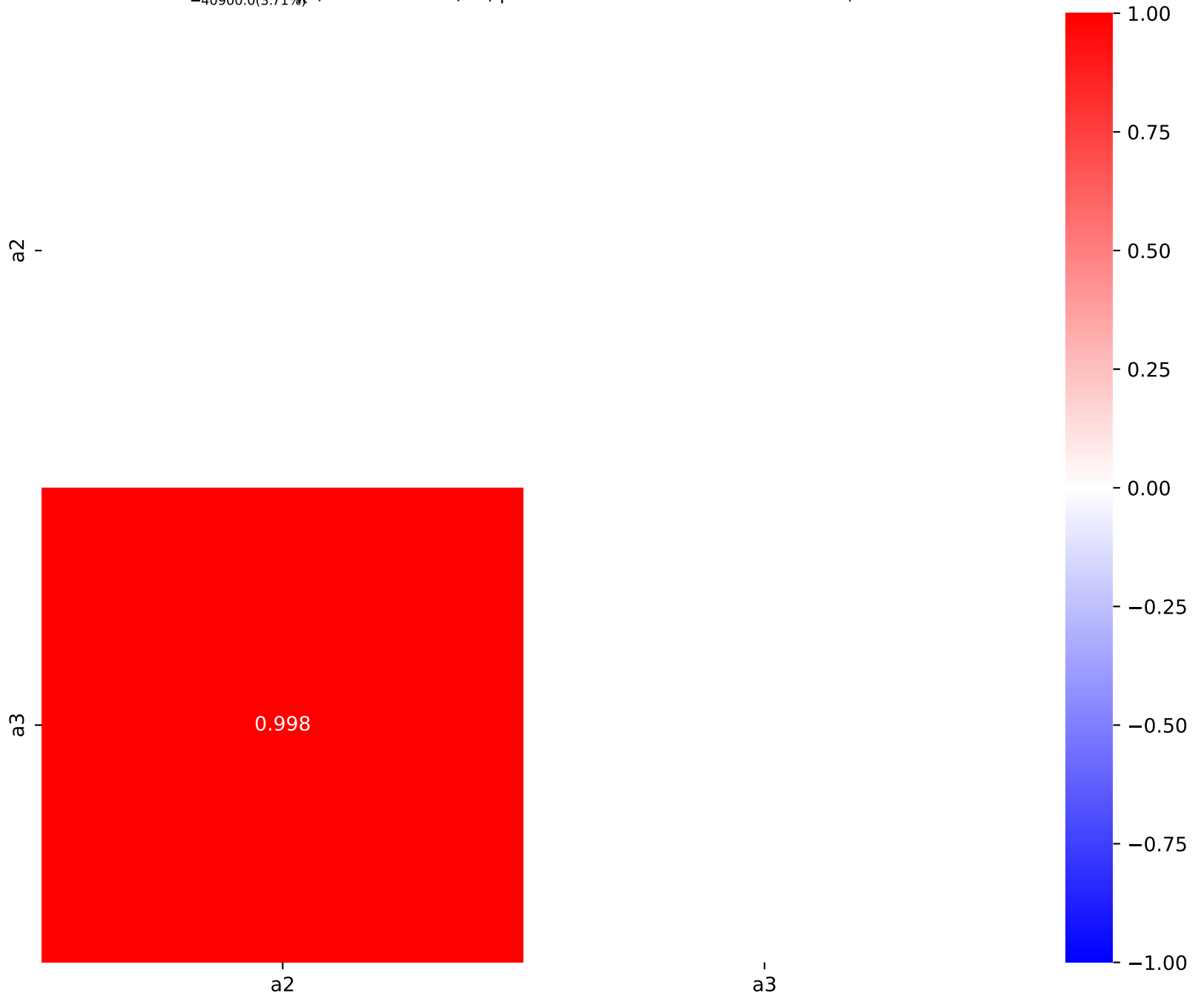
Candidate function #3

$$a3*(a2*x0 + 1)**a1$$

$$a1 = -11.0, \quad a2 = 0.000796547^{+4.53e-06(0.569\%)}_{-4.53e-06(0.569\%)},$$

$$a3 = 1102750.0^{+40900.0(3.71\%)}_{-40900.0(3.71\%)}, \quad \chi^2/\text{NDF} = 1412.0/40, \quad \text{p-value} = 3.264999999999999e-270, \quad \text{RMSE} = 0.2736$$

Candidate #3



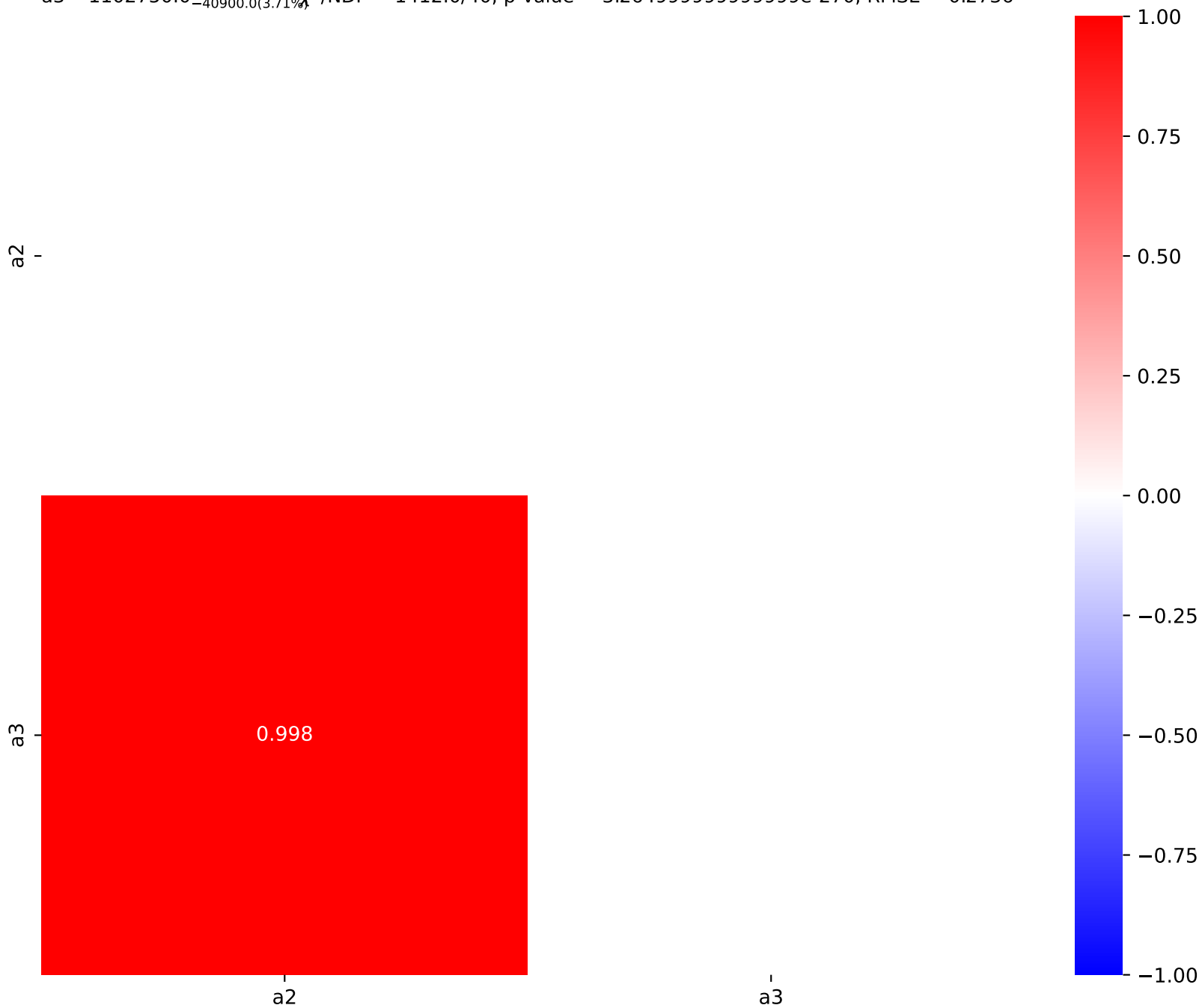
Candidate function #2

$$a3*(a2*x0 + 1)**a1$$

$$a1 = -11.0, \quad a2 = 0.000796547^{+4.53e-06(0.569\%)}_{-4.53e-06(0.569\%)},$$

$$a3 = 1102750.0^{+40900.0(3.71\%)}_{-40900.0(3.71\%)}, \quad \chi^2/\text{NDF} = 1412.0/40, \quad \text{p-value} = 3.264999999999999e-270, \quad \text{RMSE} = 0.2736$$

Candidate #2



Candidate function #1

$a_2 \cdot x_0^{a_1}$

$a_1 = -7.02, \quad a_2 = 4.26379e + 24^{+5.08e + 22(1.19\%)}_{-5.08e + 22(1.19\%)}$

$\chi^2/\text{NDF} = 37870.0/41, \text{ p-value} = 0.0, \text{ RMSE} = 1.497$

Candidate #1



Candidate function #0

$a1*a3**log(a2*x0)$

$a1 = 5.08e-05, a2 = 7.58007e-05^{+1.43e-06(1.89\%)}_{-1.43e-06(1.89\%)},$

$a3 = 0.000894616^{+5.94e-05(6.64\%)}_{-5.94e-05(6.64\%)}$

Candidate #0
 $\chi^2/NDF = 37870.0/40, p\text{-value} = 0.0, RMSE = 1.493$

