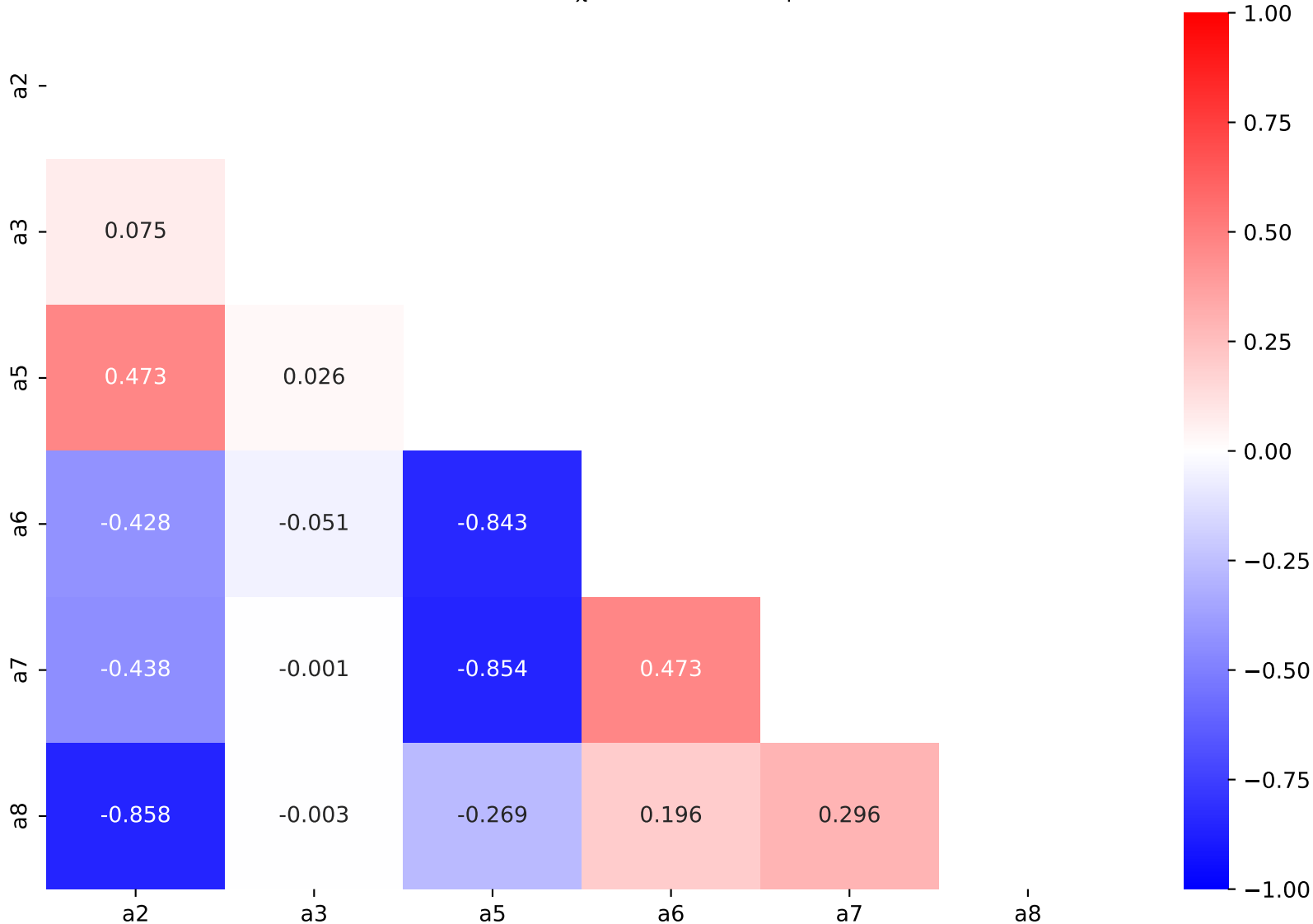


Candidate function #39

$$164.796 \cdot (a_5 \cdot \exp(((x_0 - 12.5) \cdot 0.00210526)) + a_6 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526) \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526)) + (a_8 \cdot \text{gauss}(a_2) \cdot \text{gauss}(a_4 + 3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_8 \cdot \text{gauss}((a_1 + 6 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot (a_3 + ((x_0 - 12.5) \cdot 0.00210526)))) \cdot \tanh(a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$
$$a_1 = -17.9, a_2 = -0.778236^{+0.026(3.34\%)}_{-0.026(3.34\%)},$$
$$a_3 = -0.167018^{+0.00124(0.742\%)}_{-0.00124(0.742\%)}, a_4 = -0.141,$$
$$a_5 = -0.0795683^{+0.0157(19.7\%)}_{-0.0157(19.7\%)}, a_6 = 0.138973^{+0.0206(14.8\%)}_{-0.0206(14.8\%)},$$
$$a_7 = 0.373675^{+0.0583(15.6\%)}_{-0.0583(15.6\%)}, a_8 = 4.93766^{+0.0759(1.54\%)}_{-0.0759(1.54\%)}$$
Candidate #39 $\chi^2/\text{NDF} = 4.752/14$, p-value = 0.989, RMSE = 7.825

Candidate function #38

$$164.796 \cdot (a_5 \cdot \exp(((x_0 - 12.5) \cdot 0.00210526)) + a_6 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526) \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526)) + (a_8 \cdot \text{gauss}(a_2) \cdot \text{gauss}(a_4 + 3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_8 \cdot \text{gauss}((a_1 + 6 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot (a_3 + ((x_0 - 12.5) \cdot 0.00210526)))) \cdot \tanh(a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$a_1 = -17.7$, $a_2 = -0.779618^{+0.0261(3.35\%)}_{-0.0261(3.35\%)}$,

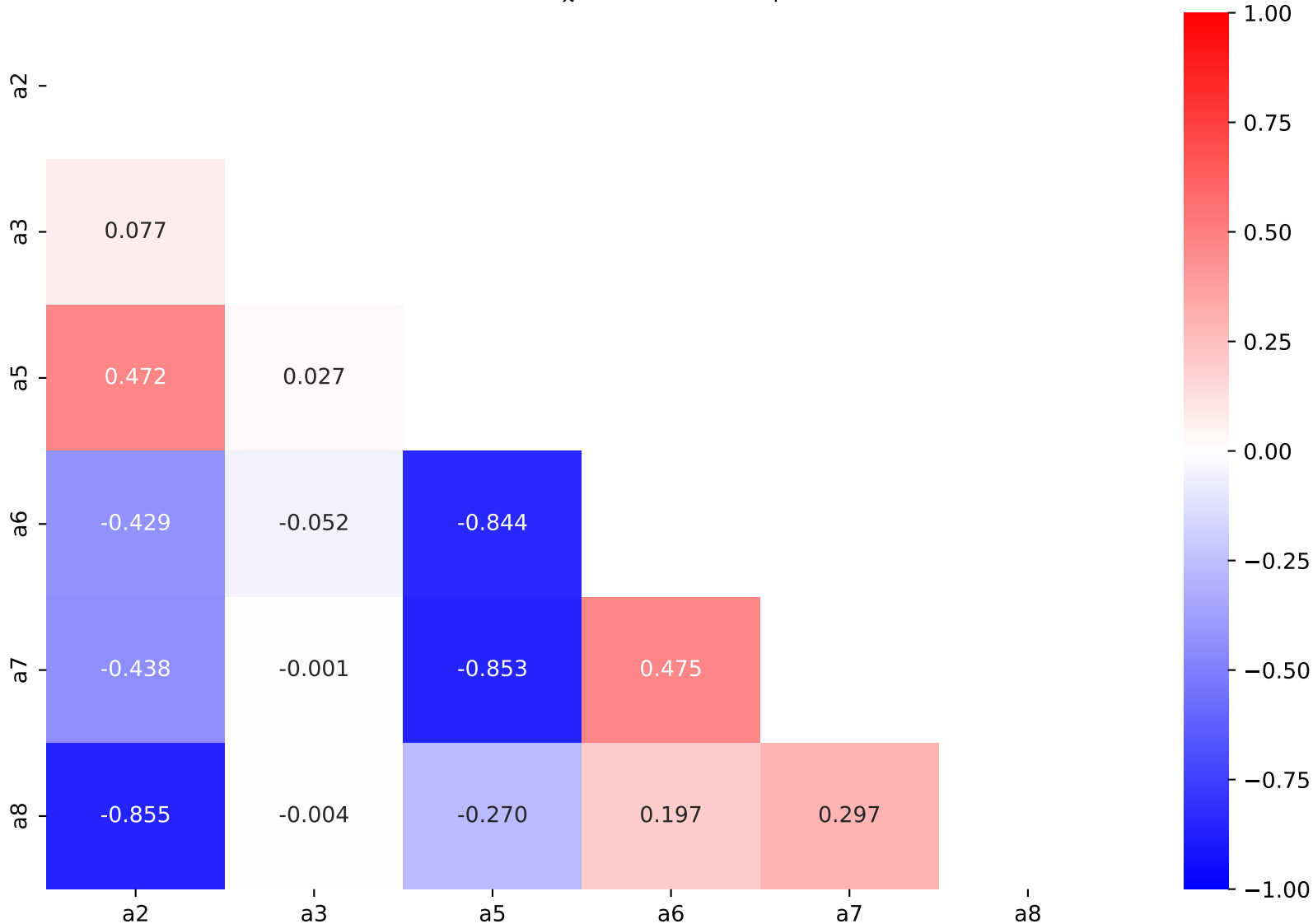
$a_3 = -0.166906^{+0.00125(0.749\%)}_{-0.00125(0.749\%)}$, $a_4 = -0.141$,

$a_5 = -0.0805602^{+0.0157(19.5\%)}_{-0.0157(19.5\%)}$, $a_6 = 0.13999^{+0.0205(14.6\%)}_{-0.0205(14.6\%)}$,

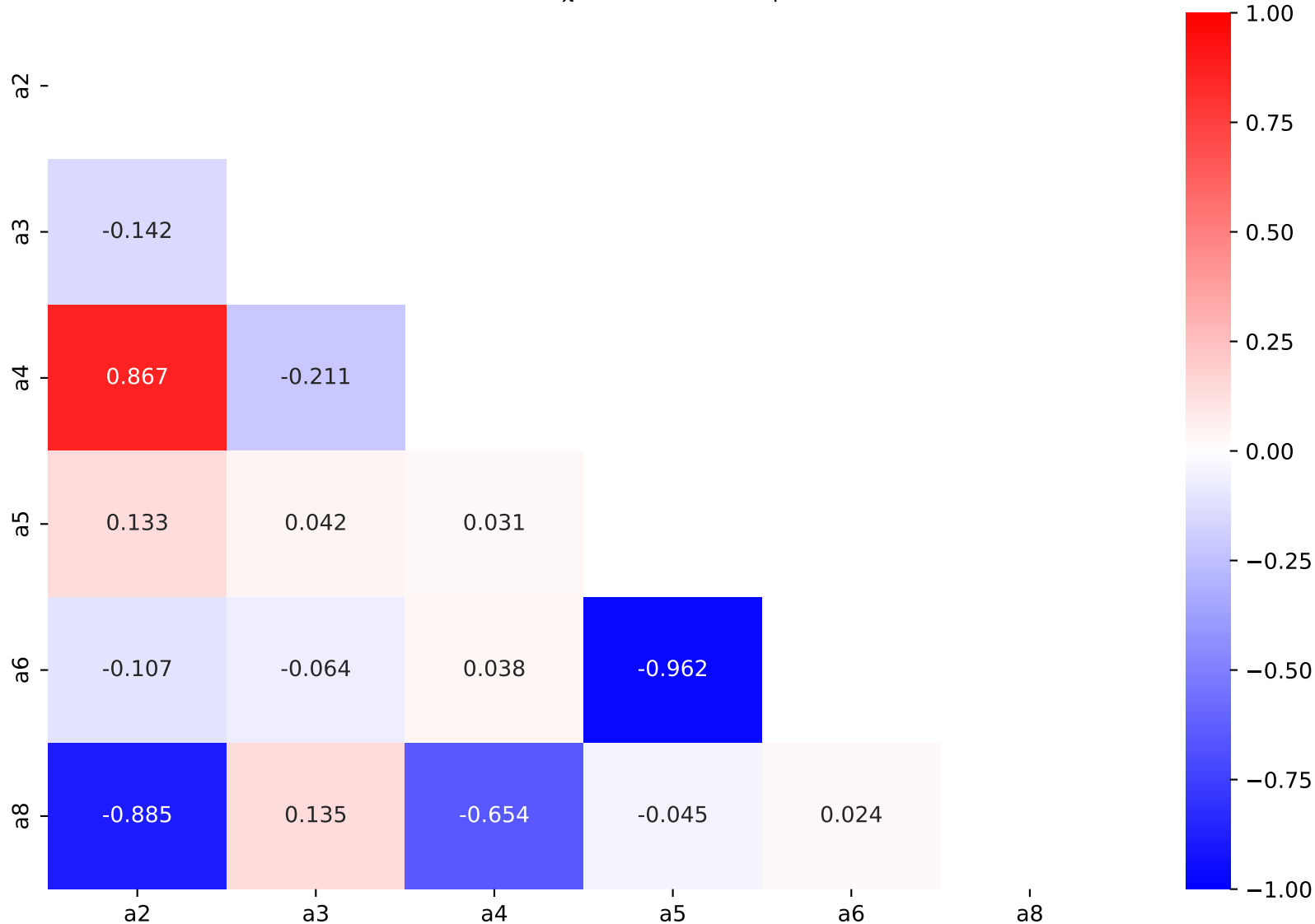
$a_7 = 0.377537^{+0.0582(15.4\%)}_{-0.0582(15.4\%)}$, $a_8 = 4.92628^{+0.0755(1.53\%)}_{-0.0755(1.53\%)}$

Candidate #38

$\chi^2/\text{NDF} = 4.728/14$, p-value = 0.9892, RMSE = 8.091



Candidate function #37

$$164.796 * (a5 * \exp(((x0 - 12.5) * 0.00210526)) + a6 + a7 * ((x0 - 12.5) * 0.00210526) * \text{gauss}(((x0 - 12.5) * 0.00210526)) + (a8 * \text{gauss}(a2) * \text{gauss}(a4 + 3 * ((x0 - 12.5) * 0.00210526)) + a8 * \text{gauss}((a1 + 5 * ((x0 - 12.5) * 0.00210526)) * (a3 + ((x0 - 12.5) * 0.00210526)))) * \tanh(a8 * ((x0 - 12.5) * 0.00210526)))$$
$$a1 = -17.7, a2 = -0.789533^{+0.0466(5.9\%)}_{-0.0466(5.9\%)},$$
$$a3 = -0.16706^{+0.0013(0.778\%)}_{-0.0013(0.778\%)}, a4 = -0.152208^{+0.0282(18.5\%)}_{-0.0282(18.5\%)},$$
$$a5 = -0.0748574^{+0.00832(11.1\%)}_{-0.00832(11.1\%)}, a6 = 0.135081^{+0.0185(13.7\%)}_{-0.0185(13.7\%)},$$
$$a7 = 0.353, a8 = 4.95092^{+0.0973(1.97\%)}_{-0.0973(1.97\%)}$$
Candidate #37 $\chi^2/\text{NDF} = 4.957/14$, p-value = 0.9864, RMSE = 7.998

Candidate function #36

$164.796 \cdot (a_5 \cdot \exp(((x_0 - 12.5) \cdot 0.00210526)) + a_6 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526) \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526)) + (a_8 \cdot \text{gauss}(a_2) \cdot \text{gauss}(a_4 + 3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_8 \cdot \text{gauss}((a_1 + 4 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot (a_3 + ((x_0 - 12.5) \cdot 0.00210526)))) \cdot \tanh(a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$

$a_1 = -17.7$, $a_2 = -0.783374^{+0.0481(6.14\%)}_{-0.0481(6.14\%)}$,

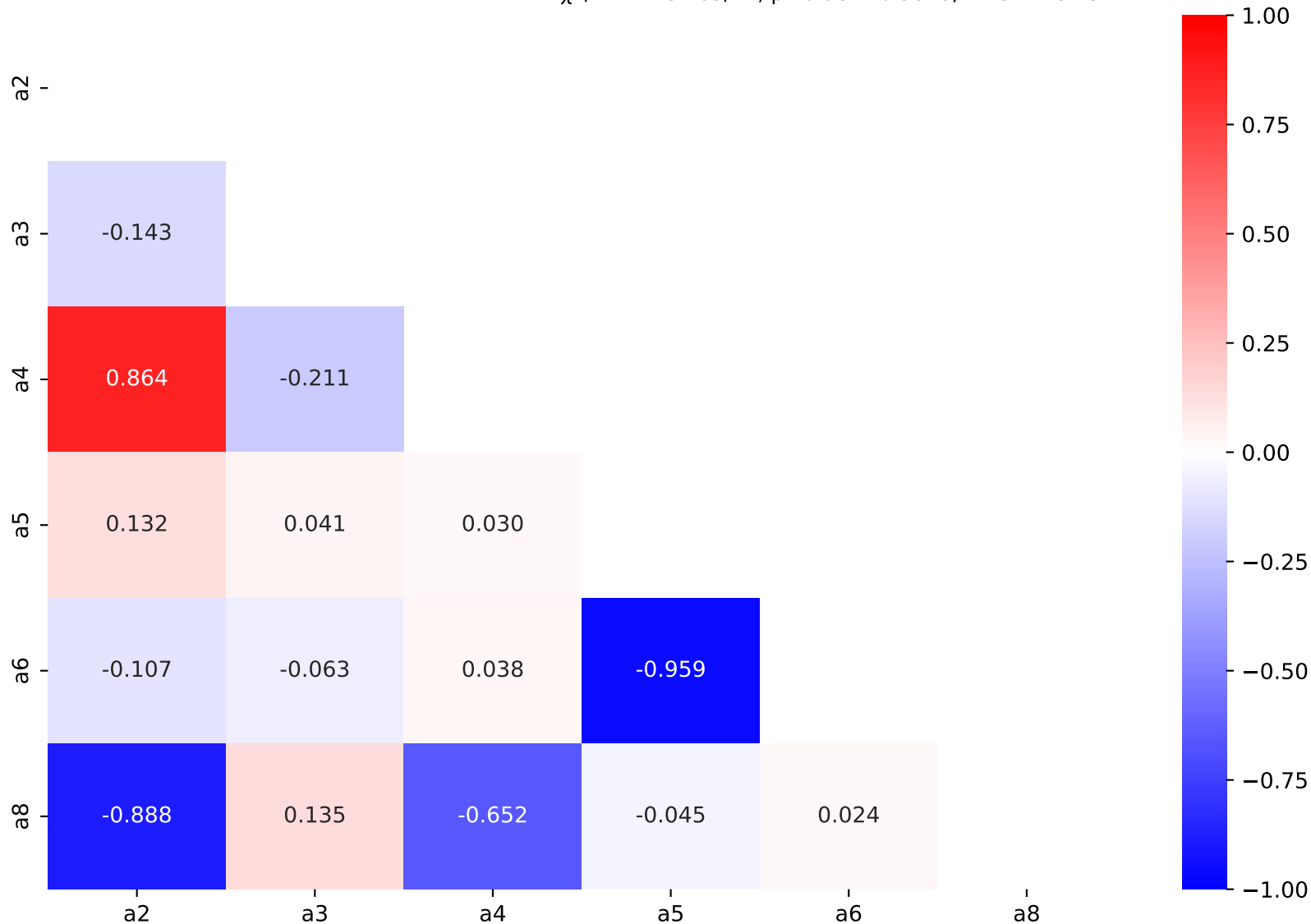
$a_3 = -0.167347^{+0.00133(0.795\%)}_{-0.00133(0.795\%)}$, $a_4 = -0.148857^{+0.0289(19.4\%)}_{-0.0289(19.4\%)}$,

$a_5 = -0.0746733^{+0.00858(11.5\%)}_{-0.00858(11.5\%)}$, $a_6 = 0.134664^{+0.0191(14.2\%)}_{-0.0191(14.2\%)}$,

$a_7 = 0.353$, $a_8 = 4.95222^{+0.1(2.02\%)}_{-0.1(2.02\%)}$

Candidate #36

$\chi^2/\text{NDF} = 5.263/14$, p-value = 0.9818, RMSE = 8.152



Candidate function #35

$$164.796 \cdot (a_5 \cdot \exp(((x_0 - 12.5) \cdot 0.00210526)) + a_6 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526) \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526)) + (a_8 \cdot \text{gauss}(a_2) \cdot \text{gauss}(a_4 + 3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_8 \cdot \text{gauss}((a_1 + 4 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot (a_3 + ((x_0 - 12.5) \cdot 0.00210526)))) \cdot \tanh(a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$a_1 = -17.7$, $a_2 = -0.783374^{+0.0481(6.14\%)}_{-0.0481(6.14\%)}$,

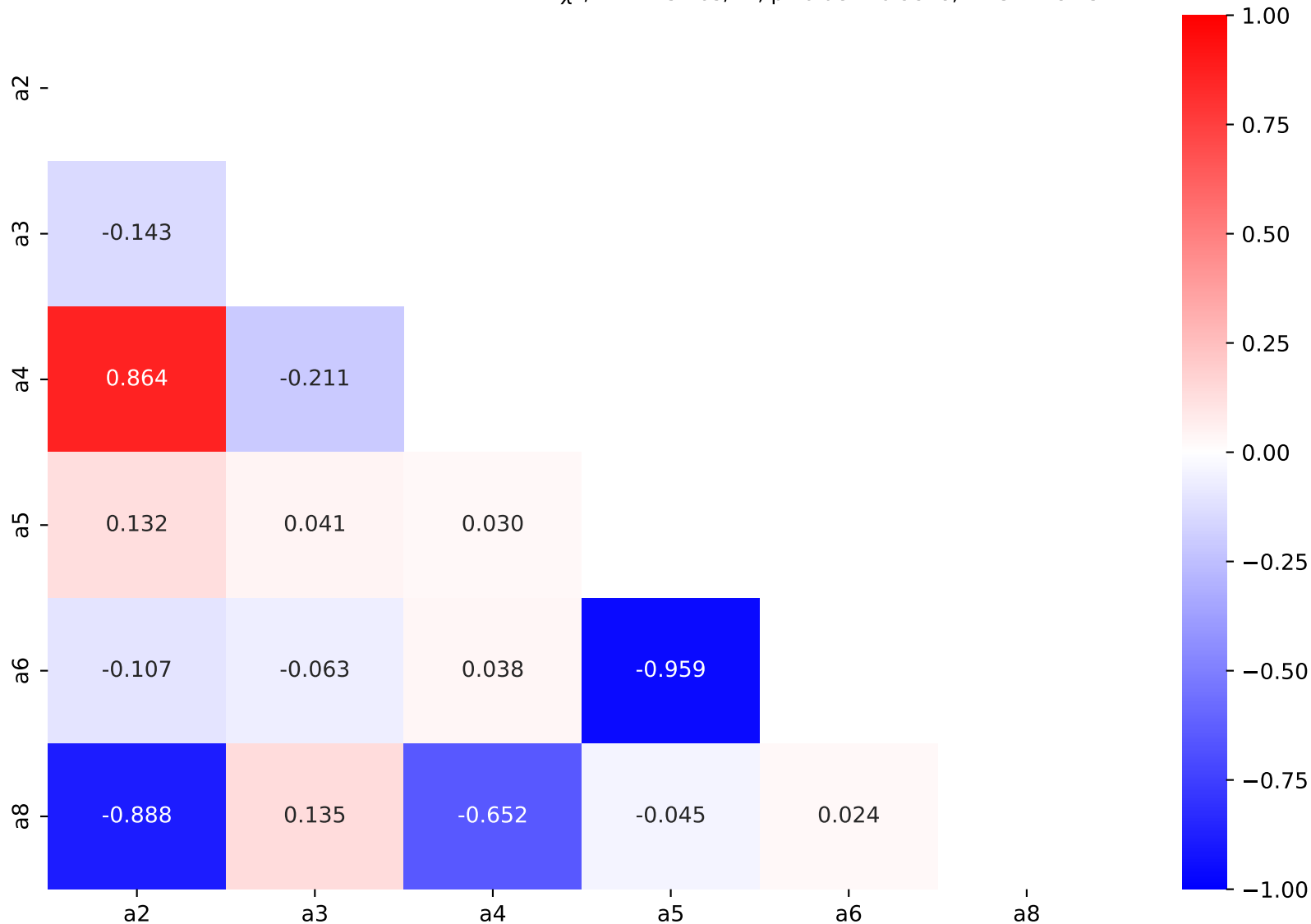
$a_3 = -0.167347^{+0.00133(0.795\%)}_{-0.00133(0.795\%)}$, $a_4 = -0.148857^{+0.0289(19.4\%)}_{-0.0289(19.4\%)}$,

$a_5 = -0.0746733^{+0.00858(11.5\%)}_{-0.00858(11.5\%)}$, $a_6 = 0.134664^{+0.0191(14.2\%)}_{-0.0191(14.2\%)}$,

$a_7 = 0.353$, $a_8 = 4.95222^{+0.1(2.02\%)}_{-0.1(2.02\%)}$

Candidate #35

$\chi^2/\text{NDF} = 5.263/14$, p-value = 0.9818, RMSE = 8.152



Candidate function #34

$164.796 \cdot (a_5 \cdot \exp(((x_0 - 12.5) \cdot 0.00210526)) + a_6 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526) \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526)) + (a_8 \cdot \text{gauss}(a_2) \cdot \text{gauss}(a_4 + 3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_8 \cdot \text{gauss}((a_1 + 4 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot (a_3 + ((x_0 - 12.5) \cdot 0.00210526)))) \cdot \tanh(a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$

$a_1 = -17.2$, $a_2 = -0.799399^{+0.0475(5.94\%)}_{-0.0475(5.94\%)}$,

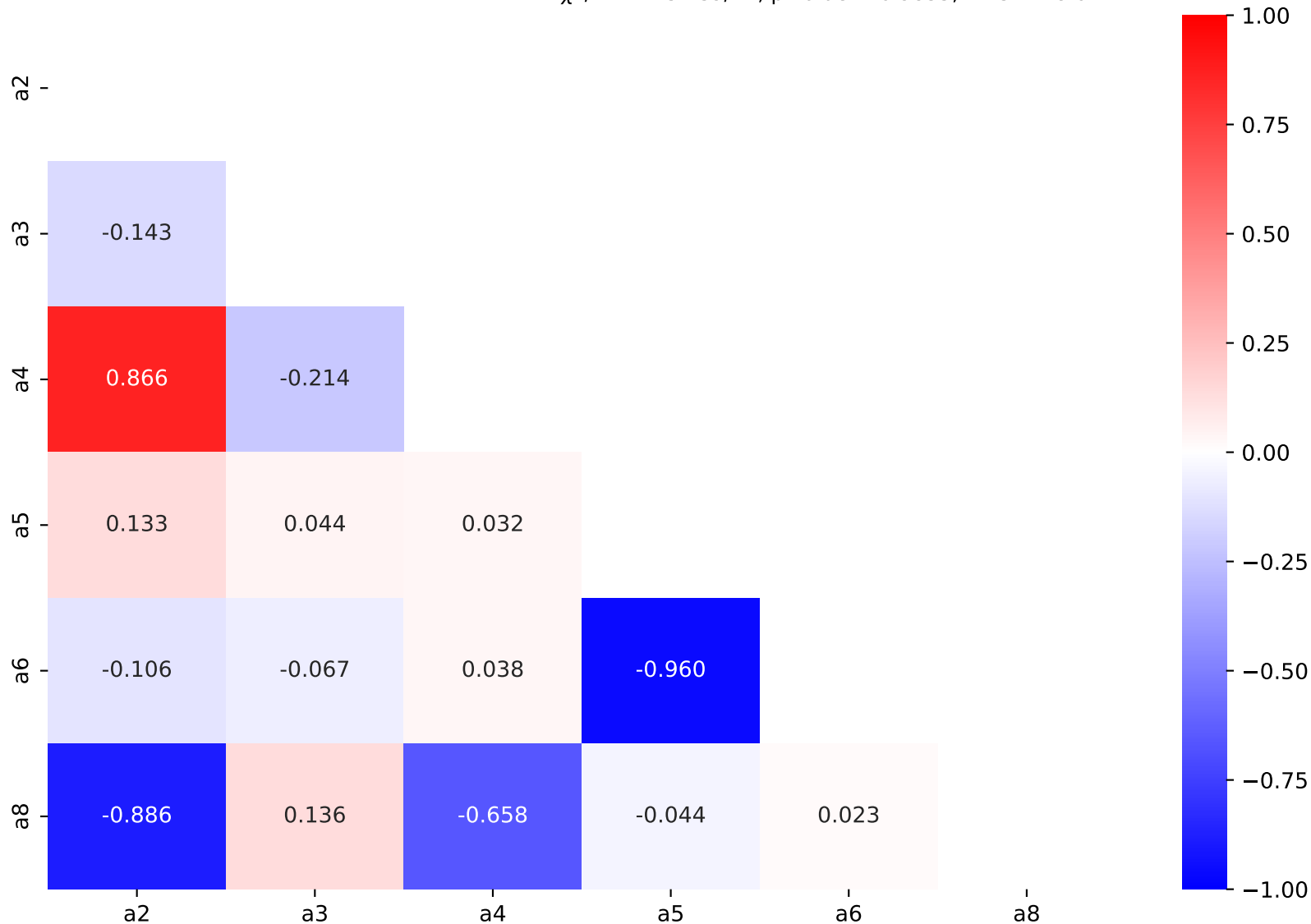
$a_3 = -0.166991^{+0.00133(0.796\%)}_{-0.00133(0.796\%)}$, $a_4 = -0.159247^{+0.0293(18.4\%)}_{-0.0293(18.4\%)}$,

$a_5 = -0.0749998^{+0.00849(11.3\%)}_{-0.00849(11.3\%)}$, $a_6 = 0.135265^{+0.0189(14.0\%)}_{-0.0189(14.0\%)}$,

$a_7 = 0.353$, $a_8 = 4.94249^{+0.0991(2.01\%)}_{-0.0991(2.01\%)}$

Candidate #34

$\chi^2/\text{NDF} = 5.159/14$, p-value = 0.9835, RMSE = 8.644



Candidate function #33

$164.796 \cdot (a_5 \cdot \exp(((x_0 - 12.5) \cdot 0.00210526)) + a_6 + a_7 \cdot ((x_0 - 12.5) \cdot 0.00210526) \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526)) + (a_8 \cdot \text{gauss}(a_2) \cdot \text{gauss}(a_4 + 3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_8 \cdot \text{gauss}((a_1 + 3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot (a_3 + ((x_0 - 12.5) \cdot 0.00210526)))) \cdot \tanh(a_8 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$

$a_1 = -17.2$, $a_2 = -0.792978^{+0.0487(6.14\%)}_{-0.0487(6.14\%)}$,

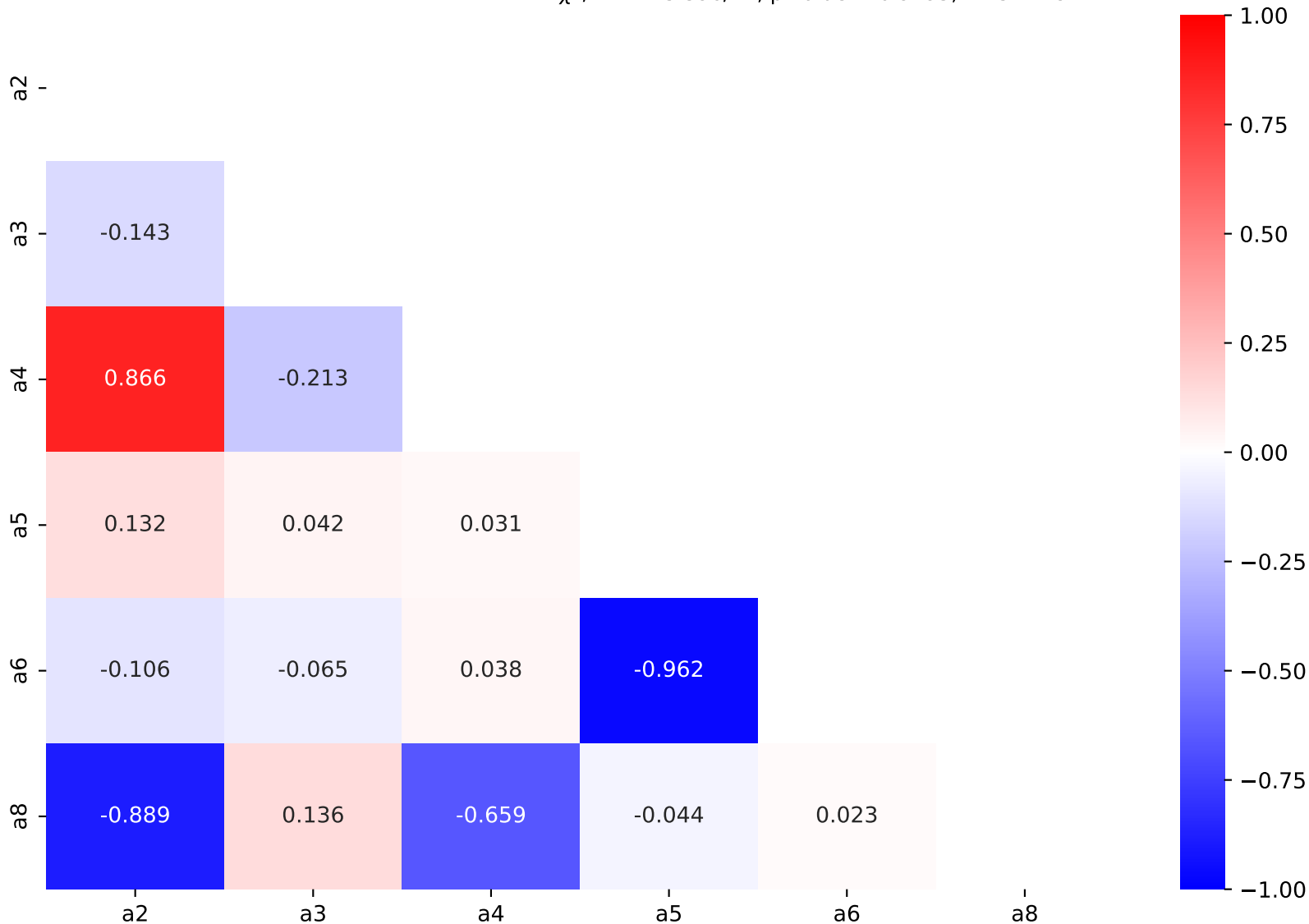
$a_3 = -0.167284^{+0.00136(0.813\%)}_{-0.00136(0.813\%)}$, $a_4 = -0.155699^{+0.0297(19.1\%)}_{-0.0297(19.1\%)}$,

$a_5 = -0.0748126^{+0.00868(11.6\%)}_{-0.00868(11.6\%)}$, $a_6 = 0.134843^{+0.0193(14.3\%)}_{-0.0193(14.3\%)}$,

$a_7 = 0.353$, $a_8 = 4.94369^{+0.101(2.04\%)}_{-0.101(2.04\%)}$

Candidate #33

$\chi^2/\text{NDF} = 5.396/14$, p-value = 0.9795, RMSE = 8.711



Candidate function #32

$$164.796*(a3*((x0 - 12.5) * 0.00210526) + a4 + a6*\text{gauss}(((x0 - 12.5) * 0.00210526)*(a1 + ((x0 - 12.5) * 0.00210526))))*\tanh(((x0 - 12.5) * 0.00210526)*(a5 + 8*((x0 - 12.5) * 0.00210526)))) + a6*\text{gauss}(a2 + a7*((x0 - 12.5) * 0.00210526)))$$

$$a1 = -3.24139^{+0.0359(1.11\%)}_{-0.0359(1.11\%)}, a2 = -3.07747^{+0.135(4.39\%)}_{-0.135(4.39\%)},$$

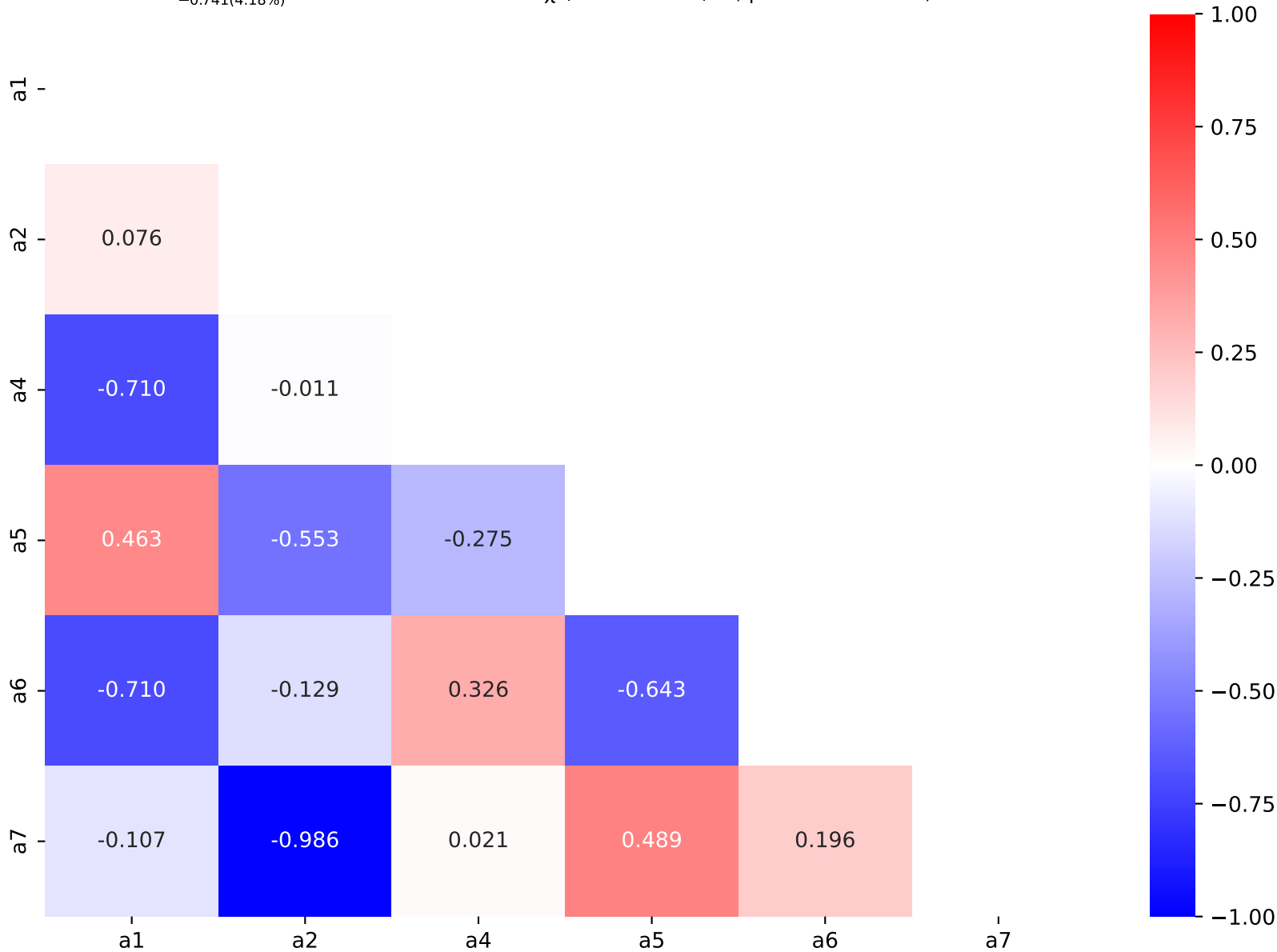
$$a3 = -0.00637, a4 = 0.0575278^{+0.00781(13.6\%)}_{-0.00781(13.6\%)},$$

$$a5 = 3.33033^{+0.376(11.3\%)}_{-0.376(11.3\%)}, a6 = 3.40896^{+0.0983(2.88\%)}_{-0.0983(2.88\%)},$$

$$a7 = 17.7139^{+0.741(4.18\%)}_{-0.741(4.18\%)}$$

Candidate #32

$$\chi^2/\text{NDF} = 5.717/14, \text{p-value} = 0.9731, \text{RMSE} = 8.421$$



Candidate function #31

$$164.796 \cdot (a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_4 + a_5 \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_1 + ((x_0 - 12.5) \cdot 0.00210526)))) \cdot \tanh(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_5 + 7 \cdot ((x_0 - 12.5) \cdot 0.00210526))) + a_5 \cdot \text{gauss}(a_2 + a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

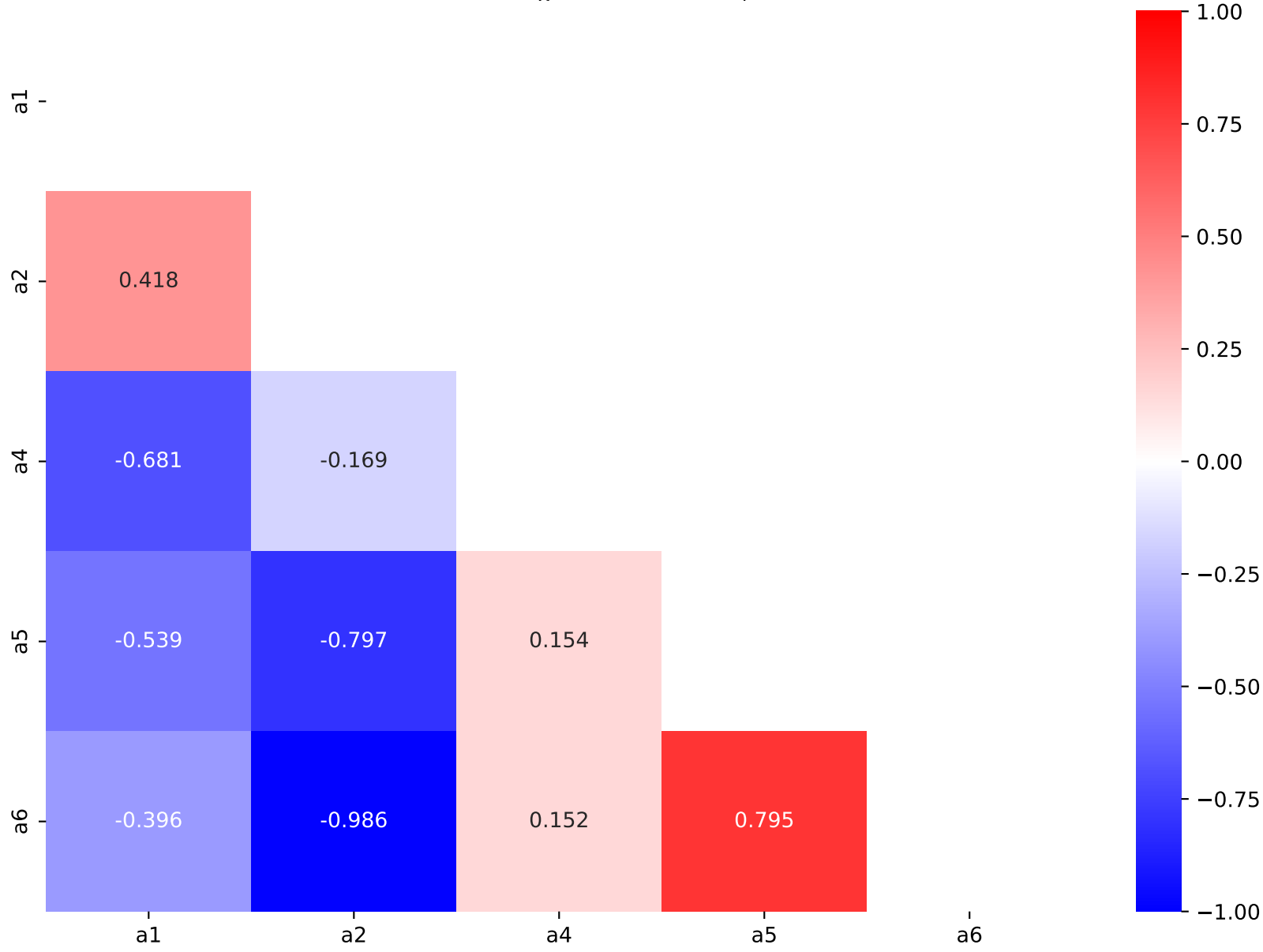
$a_1 = -3.24089^{+0.0299(0.923\%)}_{-0.0299(0.923\%)}, a_2 = -3.07188^{+0.12(3.91\%)}_{-0.12(3.91\%)},$

$a_3 = -0.00637, a_4 = 0.0571771^{+0.0074(12.9\%)}_{-0.0074(12.9\%)},$

$a_5 = 3.41896^{+0.063(1.84\%)}_{-0.063(1.84\%)}, a_6 = 17.6616^{+0.681(3.86\%)}_{-0.681(3.86\%)}$

Candidate #31

$\chi^2/\text{NDF} = 6.053/15, \text{p-value} = 0.9788, \text{RMSE} = 8.795$



Candidate function #30

$164.796 * (a_3 + a_4 * \text{gauss}(((x_0 - 12.5) * 0.00210526) * (a_1 + ((x_0 - 12.5) * 0.00210526))) * \tanh(((x_0 - 12.5) * 0.00210526) * (a_4 + 7 * ((x_0 - 12.5) * 0.00210526)))) + a_4 * \text{gauss}(a_2 + a_5 * ((x_0 - 12.5) * 0.00210526)))$

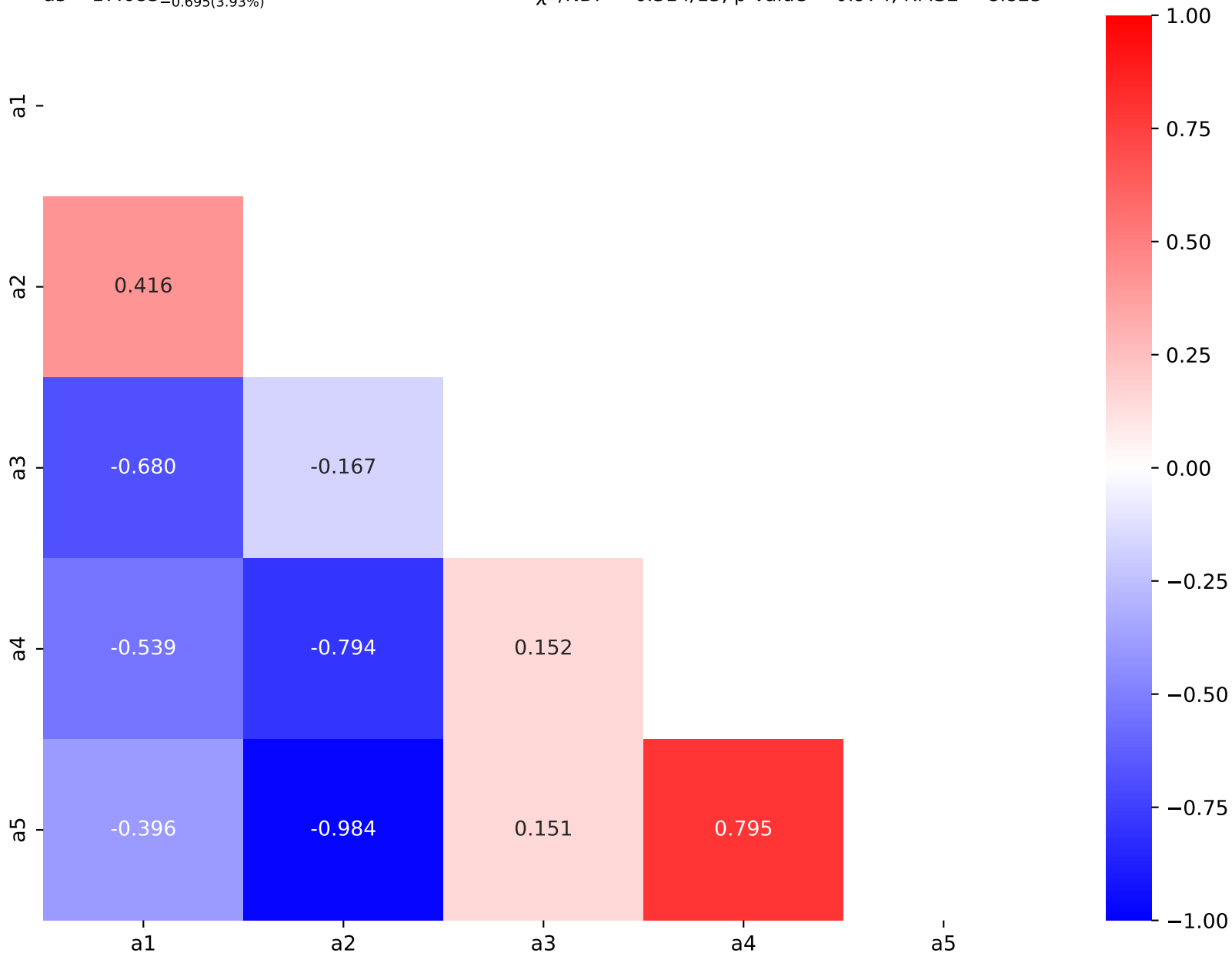
$a_1 = -3.24339^{+0.0305(0.94\%)}_{-0.0305(0.94\%)}$, $a_2 = -3.07549^{+0.123(4.0\%)}_{-0.123(4.0\%)}$,

$a_3 = 0.0531396^{+0.00755(14.2\%)}_{-0.00755(14.2\%)}$, $a_4 = 3.42562^{+0.0644(1.88\%)}_{-0.0644(1.88\%)}$,

$a_5 = 17.683^{+0.695(3.93\%)}_{-0.695(3.93\%)}$

Candidate #30

$\chi^2/\text{NDF} = 6.314/15$, p-value = 0.974, RMSE = 8.825



Candidate function #29

$164.796 \cdot (a_3 + a_4 \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_1 + ((x_0 - 12.5) \cdot 0.00210526))) \cdot \tanh(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_4 + 6 \cdot ((x_0 - 12.5) \cdot 0.00210526))) + a_4 \cdot \text{gauss}(a_2 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$

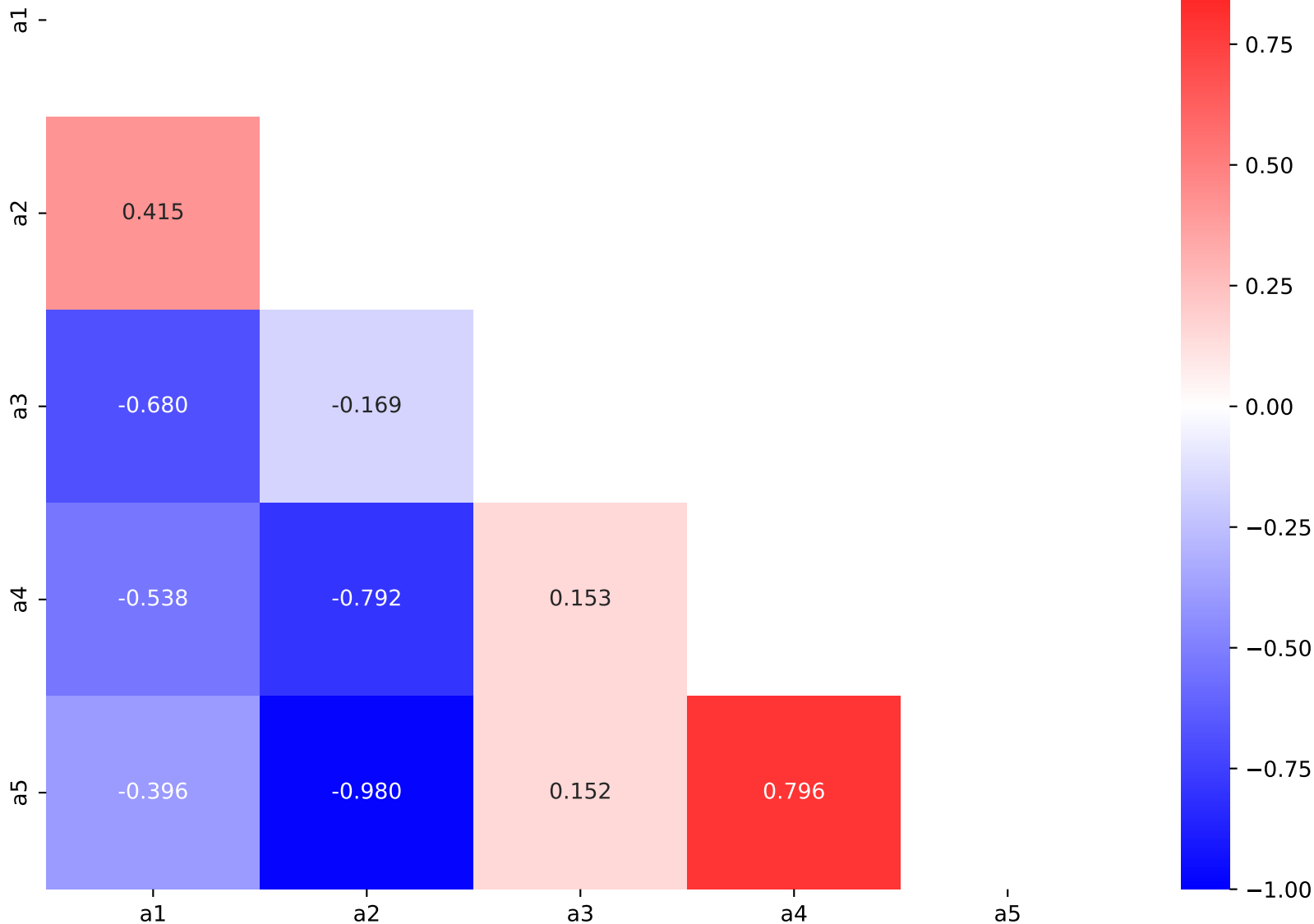
$a_1 = -3.24591^{+0.0314(0.967\%)}_{-0.0314(0.967\%)}$, $a_2 = -3.05965^{+0.125(4.09\%)}_{-0.125(4.09\%)}$,

$a_3 = 0.053118^{+0.00778(14.6\%)}_{-0.00778(14.6\%)}$, $a_4 = 3.4503^{+0.0662(1.92\%)}_{-0.0662(1.92\%)}$,

$a_5 = 17.5793^{+0.705(4.01\%)}_{-0.705(4.01\%)}$

Candidate #29

$\chi^2/\text{NDF} = 6.718/15$, p-value = 0.965, RMSE = 9.247



Candidate function #28

$164.796 \cdot (a_3 + a_4 \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_1 + ((x_0 - 12.5) \cdot 0.00210526))) \cdot \tanh(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_4 + 5 \cdot ((x_0 - 12.5) \cdot 0.00210526)))) + a_4 \cdot \text{gauss}(a_2 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$

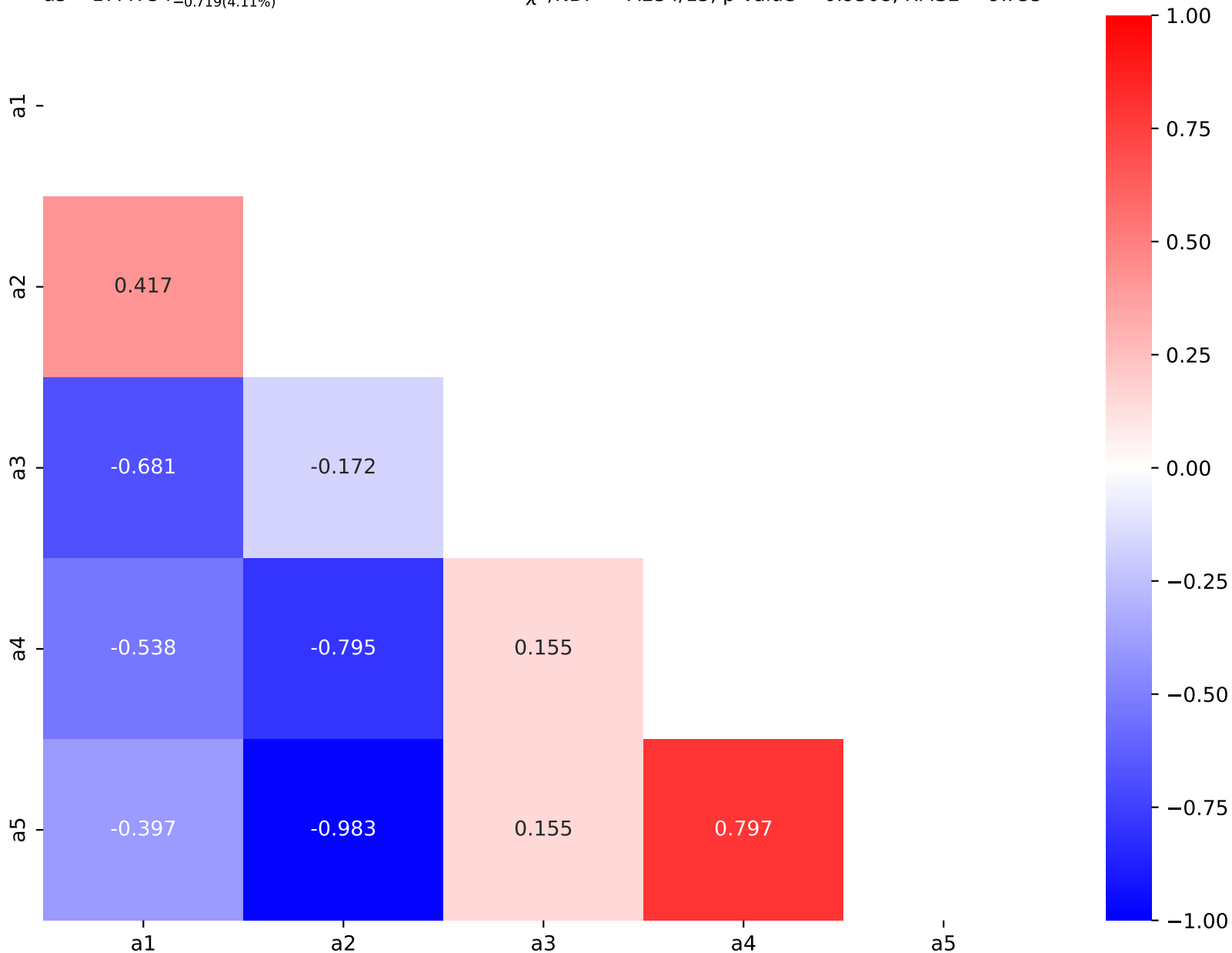
$a_1 = -3.24777^{+0.0325(1.0\%)}_{-0.0325(1.0\%)}$, $a_2 = -3.04431^{+0.127(4.17\%)}_{-0.127(4.17\%)}$,

$a_3 = 0.0529738^{+0.00808(15.3\%)}_{-0.00808(15.3\%)}$, $a_4 = 3.47677^{+0.0684(1.97\%)}_{-0.0684(1.97\%)}$,

$a_5 = 17.4754^{+0.719(4.11\%)}_{-0.719(4.11\%)}$

Candidate #28

$\chi^2/\text{NDF} = 7.234/15$, p-value = 0.9508, RMSE = 9.755



Candidate function #27

$$164.796 \cdot (a_3 + a_6 \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_2 + ((x_0 - 12.5) \cdot 0.00210526))) \cdot \tanh(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_5 + 4 \cdot ((x_0 - 12.5) \cdot 0.00210526))) + a_6 \cdot \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_4))$$

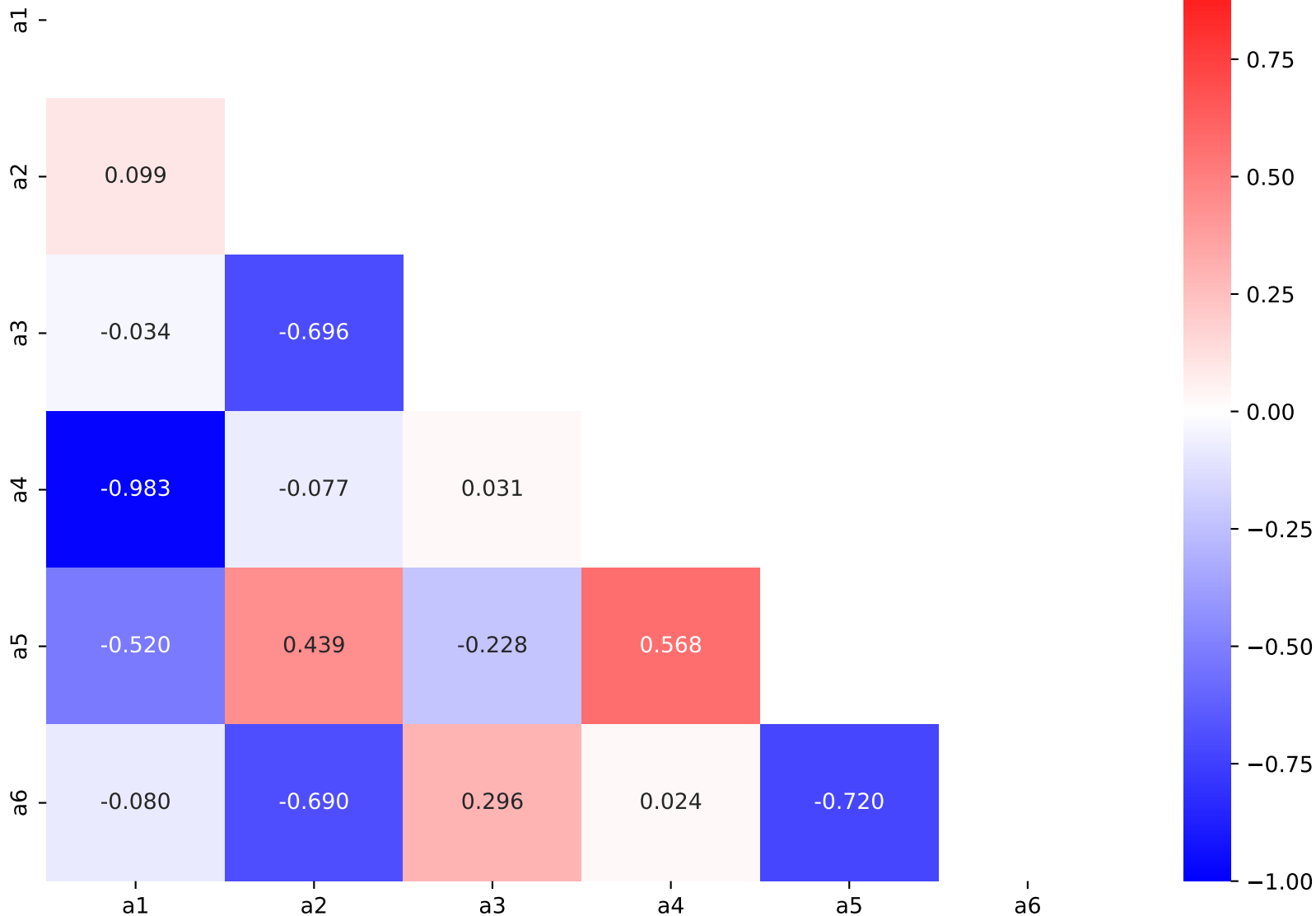
$a_1 = -17.4302^{+0.845(4.85\%)}_{-0.845(4.85\%)}$, $a_2 = -3.24527^{+0.0411(1.27\%)}_{-0.0411(1.27\%)}$,

$a_3 = 0.0522961^{+0.00906(17.3\%)}_{-0.00906(17.3\%)}$, $a_4 = 3.04118^{+0.154(5.06\%)}_{-0.154(5.06\%)}$,

$a_5 = 3.57612^{+0.454(12.7\%)}_{-0.454(12.7\%)}$, $a_6 = 3.48837^{+0.129(3.7\%)}_{-0.129(3.7\%)}$

Candidate #27

$\chi^2/\text{NDF} = 7.875/14$, p-value = 0.8957, RMSE = 10.32



Candidate function #26

$$164.796 * (a_3 + (a_5 + \tanh(((x_0 - 12.5) * 0.00210526))) * (\text{gauss}(a_2 + a_7 * ((x_0 - 12.5) * 0.00210526)) + \text{gauss}(a_4 + ((x_0 - 12.5) * 0.00210526)) * (a_1 + ((x_0 - 12.5) * 0.00210526)))) * \tanh(((x_0 - 12.5) * 0.00210526) * (a_6 + ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -3.63, a_2 = -3.02609^{+0.163(5.39\%)}_{-0.163(5.39\%)},$$

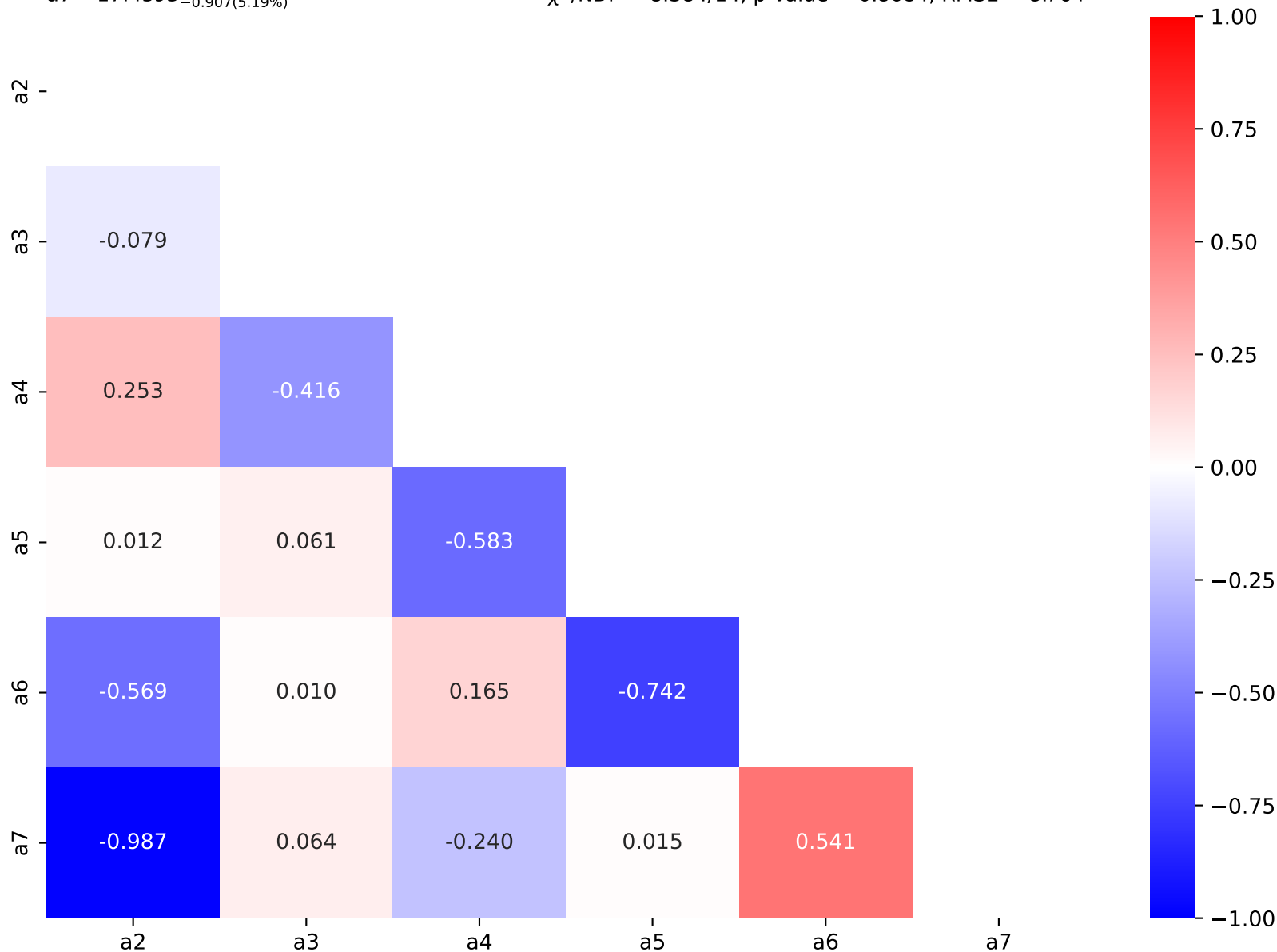
$$a_3 = 0.0697239^{+0.00716(10.3\%)}_{-0.00716(10.3\%)}, a_4 = 0.168159^{+0.0188(11.2\%)}_{-0.0188(11.2\%)},$$

$$a_5 = 3.21832^{+0.155(4.82\%)}_{-0.155(4.82\%)}, a_6 = 3.74371^{+0.473(12.6\%)}_{-0.473(12.6\%)},$$

$$a_7 = 17.4593^{+0.907(5.19\%)}_{-0.907(5.19\%)}$$

Candidate #26

$$\chi^2/\text{NDF} = 8.384/14, \text{p-value} = 0.8684, \text{RMSE} = 8.764$$



Candidate function #25

$$164.796 * (a_3 + (a_5 + \tanh(((x_0 - 12.5) * 0.00210526))) * (\text{gauss}(a_2 + a_7 * ((x_0 - 12.5) * 0.00210526)) + \text{gauss}(a_4 + ((x_0 - 12.5) * 0.00210526)) * (a_1 + ((x_0 - 12.5) * 0.00210526)))) * \tanh(((x_0 - 12.5) * 0.00210526) * (a_6 + ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -3.63, a_2 = -3.02608^{+0.163(5.39\%)}_{-0.163(5.39\%)},$$

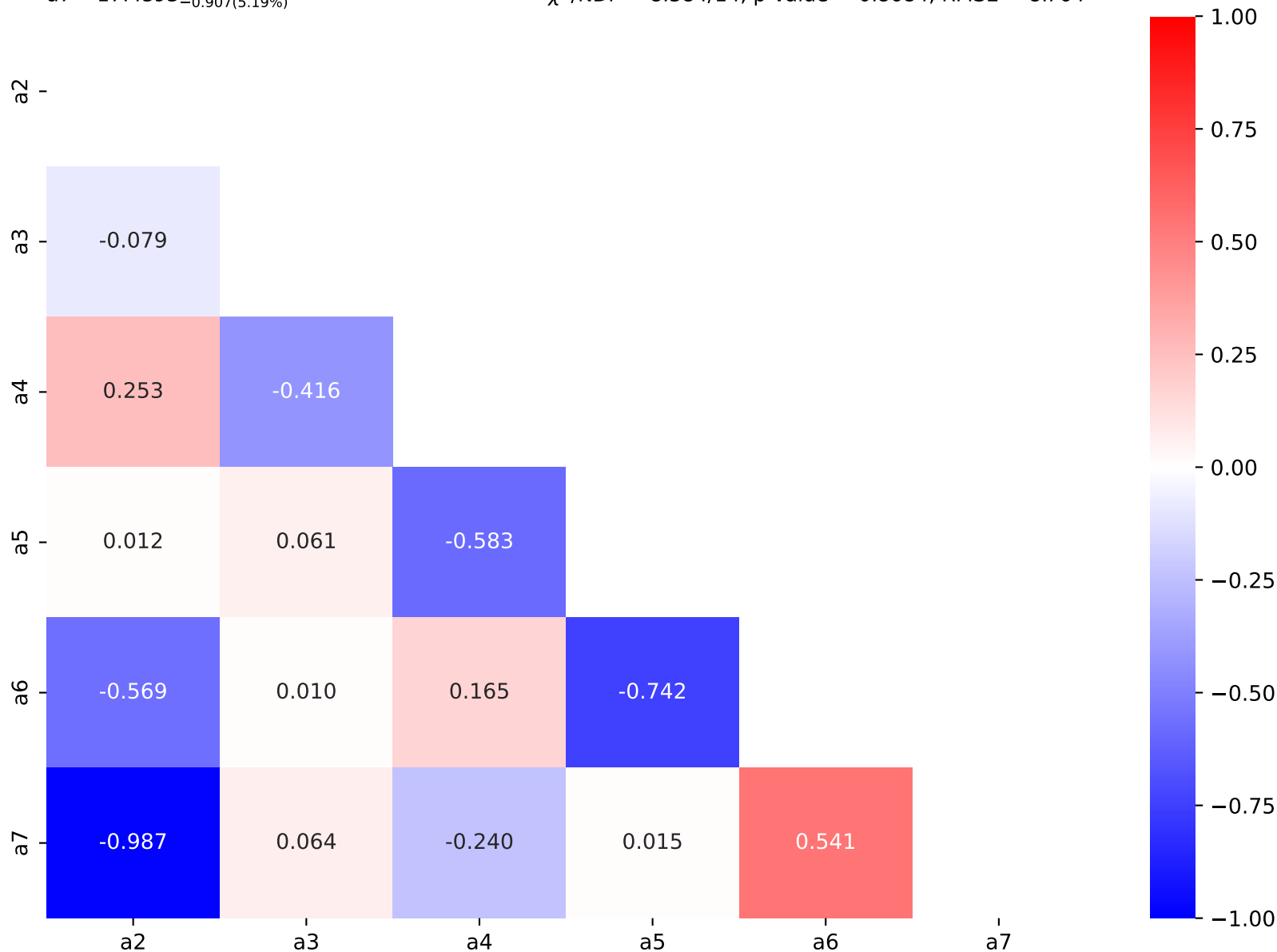
$$a_3 = 0.0697239^{+0.00716(10.3\%)}_{-0.00716(10.3\%)}, a_4 = 0.168159^{+0.0188(11.2\%)}_{-0.0188(11.2\%)},$$

$$a_5 = 3.21831^{+0.155(4.82\%)}_{-0.155(4.82\%)}, a_6 = 3.7437^{+0.473(12.6\%)}_{-0.473(12.6\%)},$$

$$a_7 = 17.4593^{+0.907(5.19\%)}_{-0.907(5.19\%)}$$

Candidate #25

$$\chi^2/\text{NDF} = 8.384/14, \text{p-value} = 0.8684, \text{RMSE} = 8.764$$



Candidate function #24

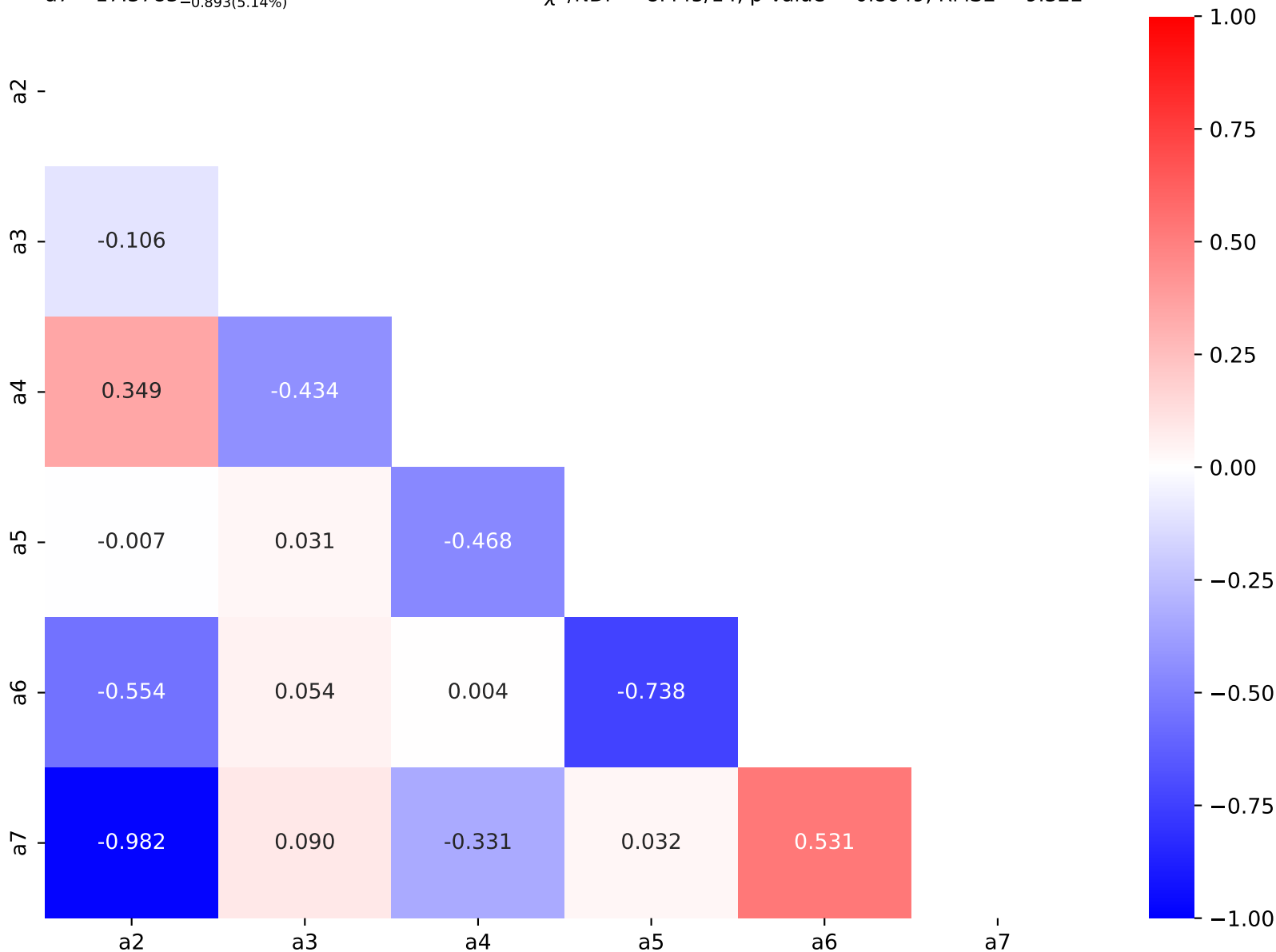
$$164.796 * (a_3 + (a_5 + ((x_0 - 12.5) * 0.00210526)) * (\text{gauss}(a_2 + a_7 * ((x_0 - 12.5) * 0.00210526)) + \text{gauss}(a_4 + ((x_0 - 12.5) * 0.00210526) * (a_1 + ((x_0 - 12.5) * 0.00210526)))) * \tanh(a_6 * ((x_0 - 12.5) * 0.00210526))))$$

$$a_1 = -3.63, a_2 = -3.01684^{+0.161(5.34\%)}_{-0.161(5.34\%)},$$

$$a_3 = 0.0678035^{+0.00725(10.7\%)}_{-0.00725(10.7\%)}, a_4 = 0.172713^{+0.0185(10.7\%)}_{-0.0185(10.7\%)},$$

$$a_5 = 3.23376^{+0.154(4.76\%)}_{-0.154(4.76\%)}, a_6 = 3.81948^{+0.46(12.0\%)}_{-0.46(12.0\%)},$$

$$a_7 = 17.3783^{+0.893(5.14\%)}_{-0.893(5.14\%)}$$

Candidate #24 $\chi^2/\text{NDF} = 8.445/14$, p-value = 0.8649, RMSE = 9.322

Candidate function #23

$$164.796 * (a_3 + (a_5 + ((x_0 - 12.5) * 0.00210526)) * (\text{gauss}(a_2 + a_7 * ((x_0 - 12.5) * 0.00210526)) + \text{gauss}(a_4 + ((x_0 - 12.5) * 0.00210526) * (a_1 + ((x_0 - 12.5) * 0.00210526)))) * \tanh(a_6 * ((x_0 - 12.5) * 0.00210526)))$$

$$a_1 = -3.63, a_2 = -3.01683^{+0.161(5.34\%)}_{-0.161(5.34\%)},$$

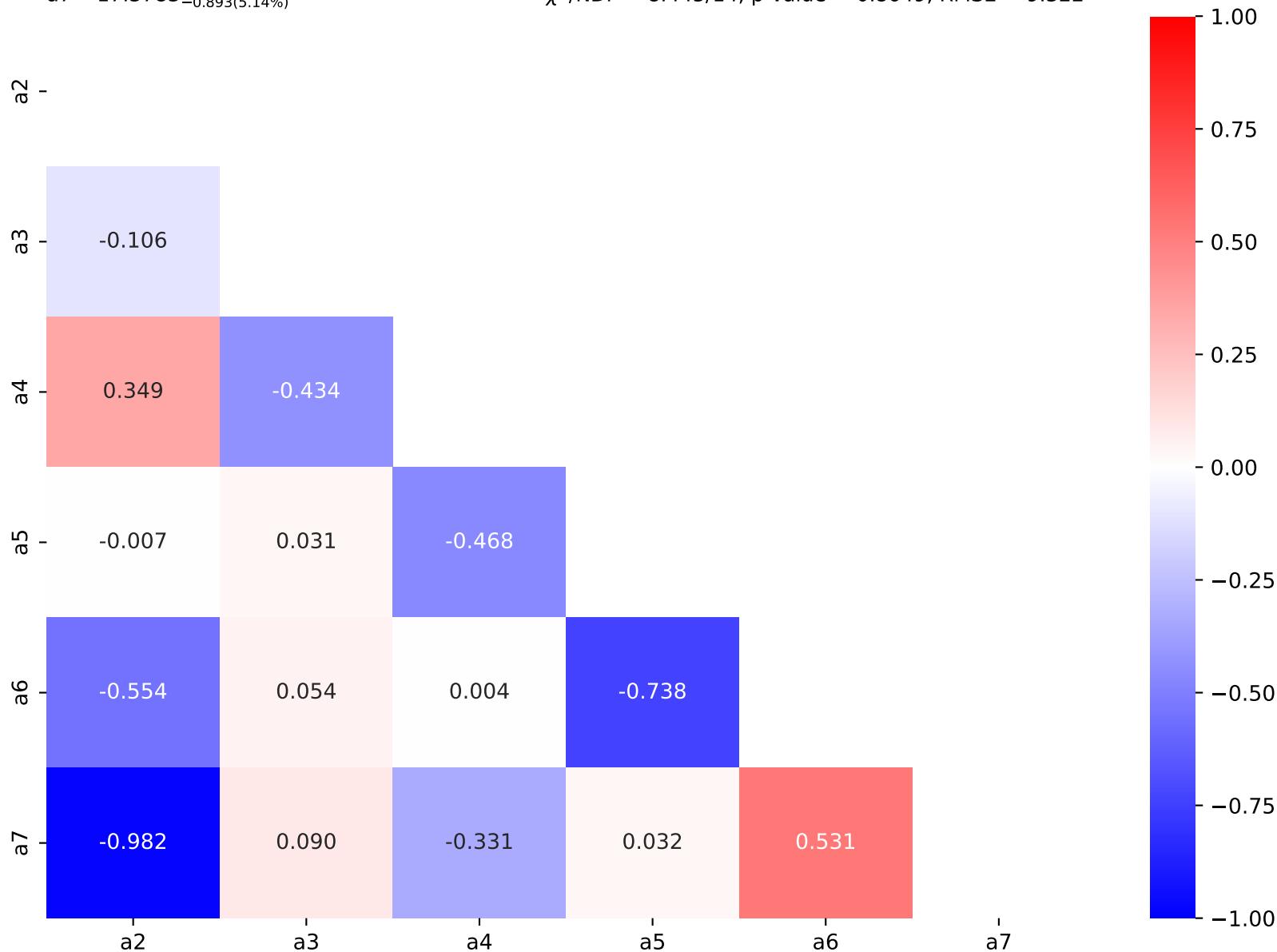
$$a_3 = 0.0678035^{+0.00725(10.7\%)}_{-0.00725(10.7\%)}, a_4 = 0.172713^{+0.0185(10.7\%)}_{-0.0185(10.7\%)},$$

$$a_5 = 3.23376^{+0.154(4.76\%)}_{-0.154(4.76\%)}, a_6 = 3.81948^{+0.46(12.0\%)}_{-0.46(12.0\%)},$$

$$a_7 = 17.3783^{+0.893(5.14\%)}_{-0.893(5.14\%)}$$

Candidate #23

$$\chi^2/\text{NDF} = 8.445/14, \text{p-value} = 0.8649, \text{RMSE} = 9.322$$



Candidate function #22

$$164.796 \cdot (a_4 + a_5 \cdot \text{gauss}(a_2 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \tanh(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_5 \cdot \text{gauss}((a_1 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot (a_3 + ((x_0 - 12.5) \cdot 0.00210526))))$$

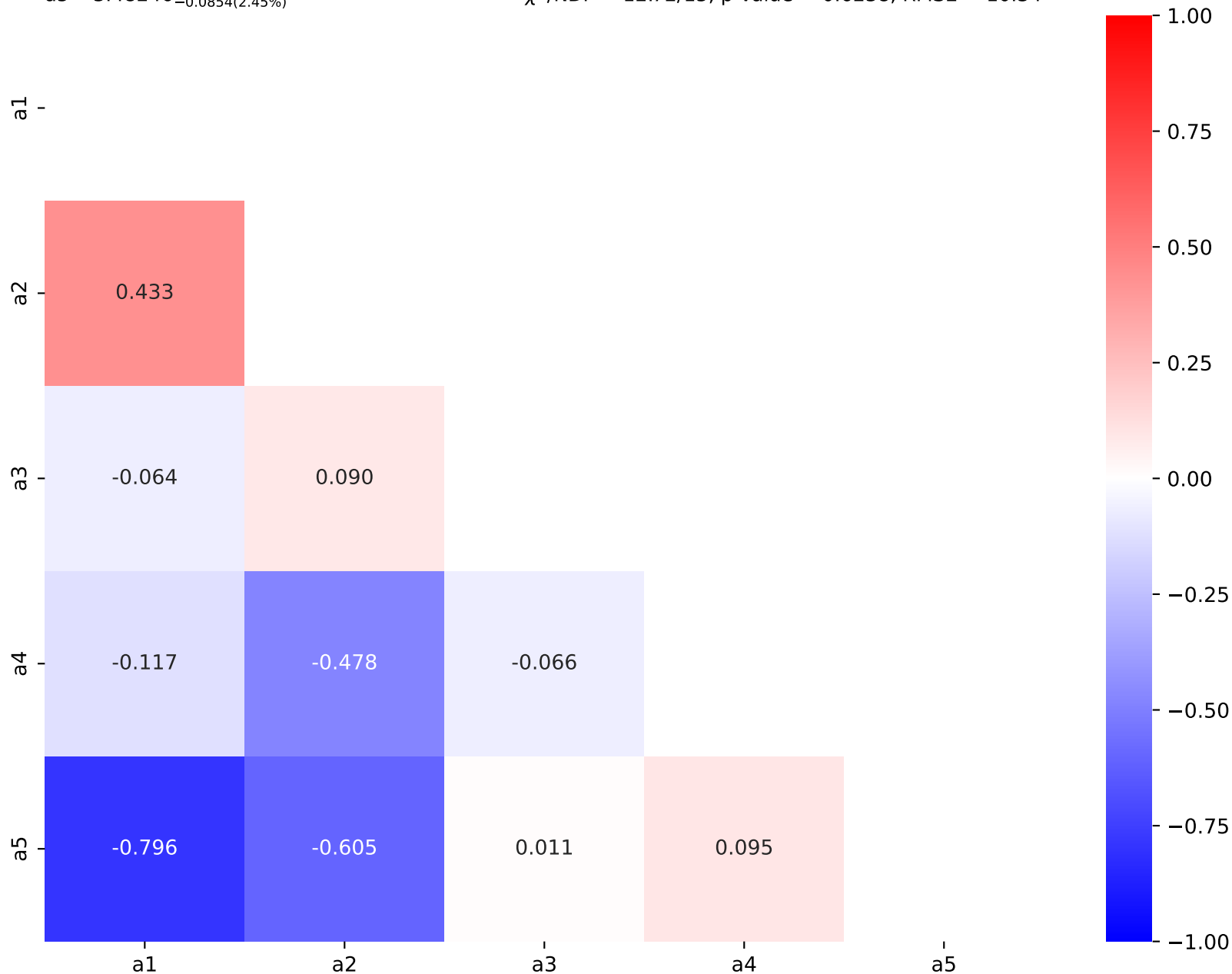
$$a_1 = -17.2441^{+0.863(5.0\%)}_{-0.863(5.0\%)}, \quad a_2 = -2.71795^{+0.0456(1.68\%)}_{-0.0456(1.68\%)},$$

$$a_3 = -0.173846^{+0.00183(1.05\%)}_{-0.00183(1.05\%)}, \quad a_4 = 0.0791052^{+0.00874(11.0\%)}_{-0.00874(11.0\%)},$$

$$a_5 = 3.48246^{+0.0854(2.45\%)}_{-0.0854(2.45\%)}$$

Candidate #22

$$\chi^2/\text{NDF} = 12.72/15, \quad \text{p-value} = 0.6238, \quad \text{RMSE} = 10.34$$



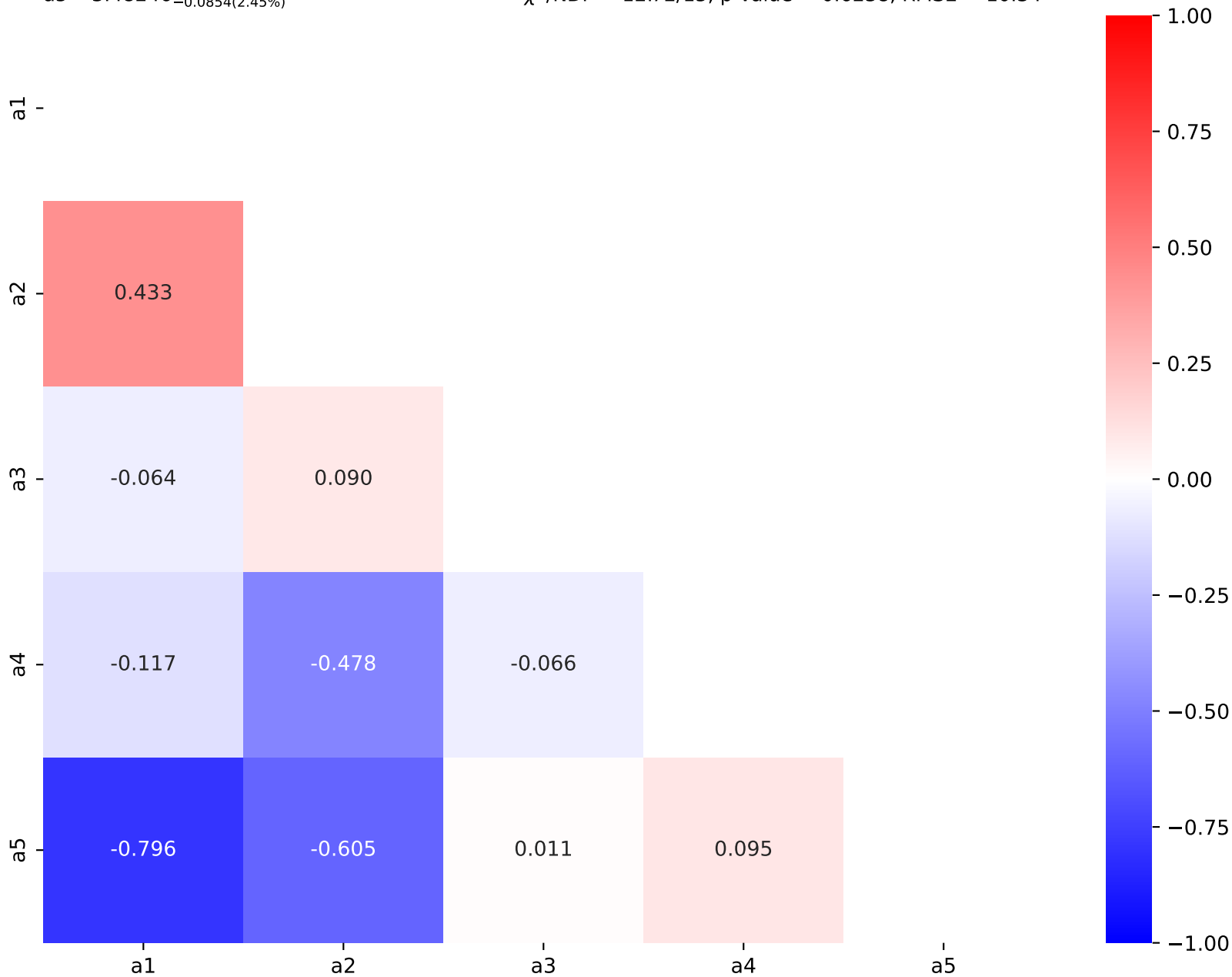
Candidate function #21

$$164.796 \cdot (a_4 + a_5 \cdot \text{gauss}(a_2 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \tanh(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_5 \cdot \text{gauss}((a_1 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot (a_3 + ((x_0 - 12.5) \cdot 0.00210526))))$$

$$a_1 = -17.2441_{-0.863(5.0\%)}^{+0.863(5.0\%)}, \quad a_2 = -2.71795_{-0.0456(1.68\%)}^{+0.0456(1.68\%)}, \\ a_3 = -0.173846_{-0.00183(1.05\%)}^{+0.00183(1.05\%)}, \quad a_4 = 0.0791052_{-0.00874(11.0\%)}^{+0.00874(11.0\%)}, \\ a_5 = 3.48246_{-0.0854(2.45\%)}^{+0.0854(2.45\%)}$$

Candidate #21

$$\chi^2/\text{NDF} = 12.72/15, \quad p\text{-value} = 0.6238, \quad \text{RMSE} = 10.34$$



Candidate function #20

$$164.796 \cdot (a_4 + a_6 \cdot \text{gauss}(a_2 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \tanh(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526))) + a_6 \cdot \text{gauss}((a_1 + ((x_0 - 12.5) \cdot 0.00210526)) \cdot (a_3 + ((x_0 - 12.5) \cdot 0.00210526))))$$

SymbolFit

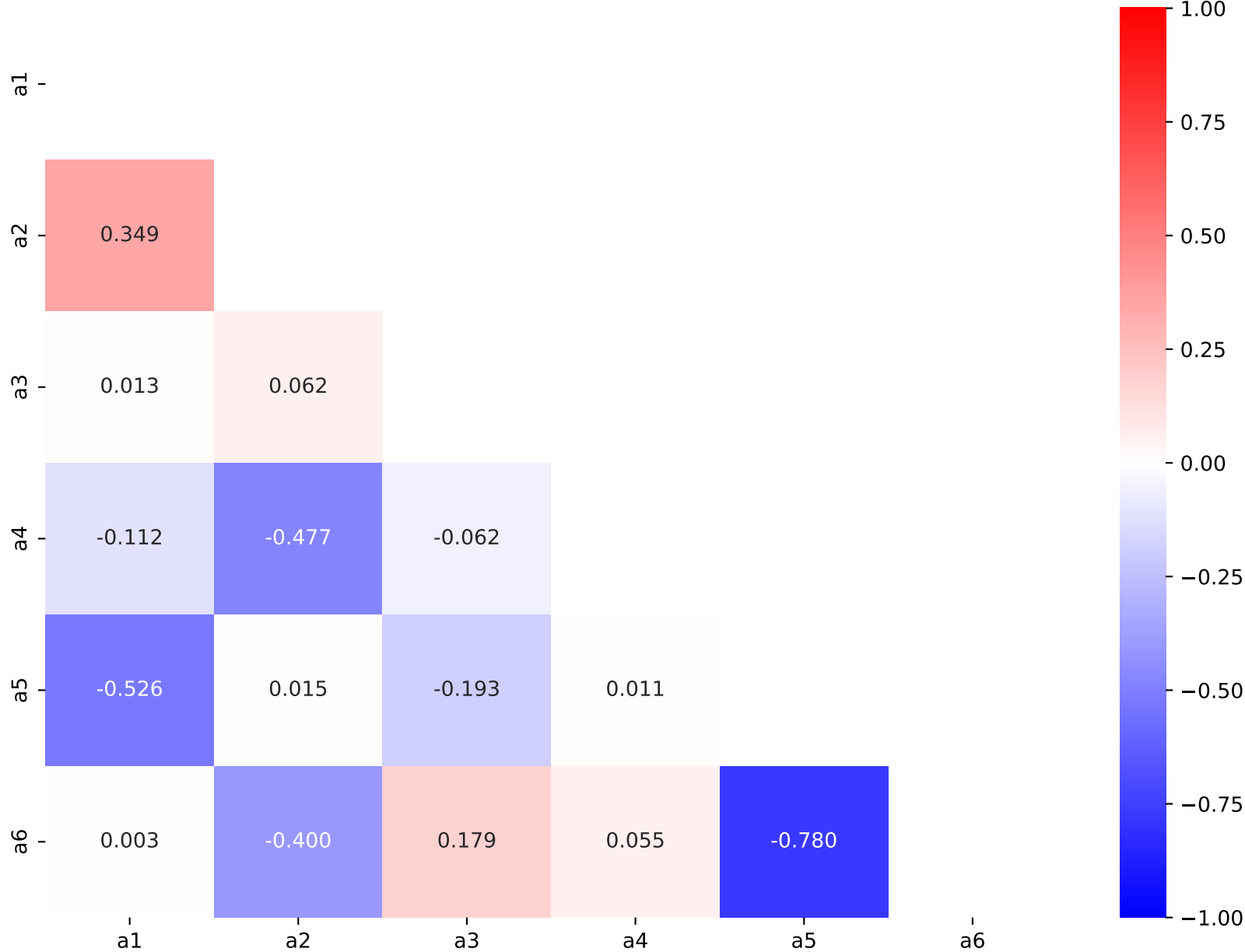
$$a_1 = -16.9446^{+1.02(6.02\%)}_{-1.02(6.02\%)}, \quad a_2 = -2.71726^{+0.0491(1.81\%)}_{-0.0491(1.81\%)},$$

$$a_3 = -0.174303^{+0.00199(1.14\%)}_{-0.00199(1.14\%)}, \quad a_4 = 0.078953^{+0.0093(11.8\%)}_{-0.0093(11.8\%)},$$

$$a_5 = 3.54797^{+0.541(15.2\%)}_{-0.541(15.2\%)}, \quad a_6 = 3.46844^{+0.188(5.42\%)}_{-0.188(5.42\%)}$$

Candidate #20

$$\chi^2/\text{NDF} = 13.45/14, \text{ p-value} = 0.4915, \text{ RMSE} = 11.01$$



Candidate function #19

$$164.796 \cdot (a_4 + a_6 \cdot \text{gauss}(a_2 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \tanh(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526))) + a_6 \cdot \text{gauss}((a_1 + ((x_0 - 12.5) \cdot 0.00210526)) \cdot (a_3 + ((x_0 - 12.5) \cdot 0.00210526))))$$

SymbolFit

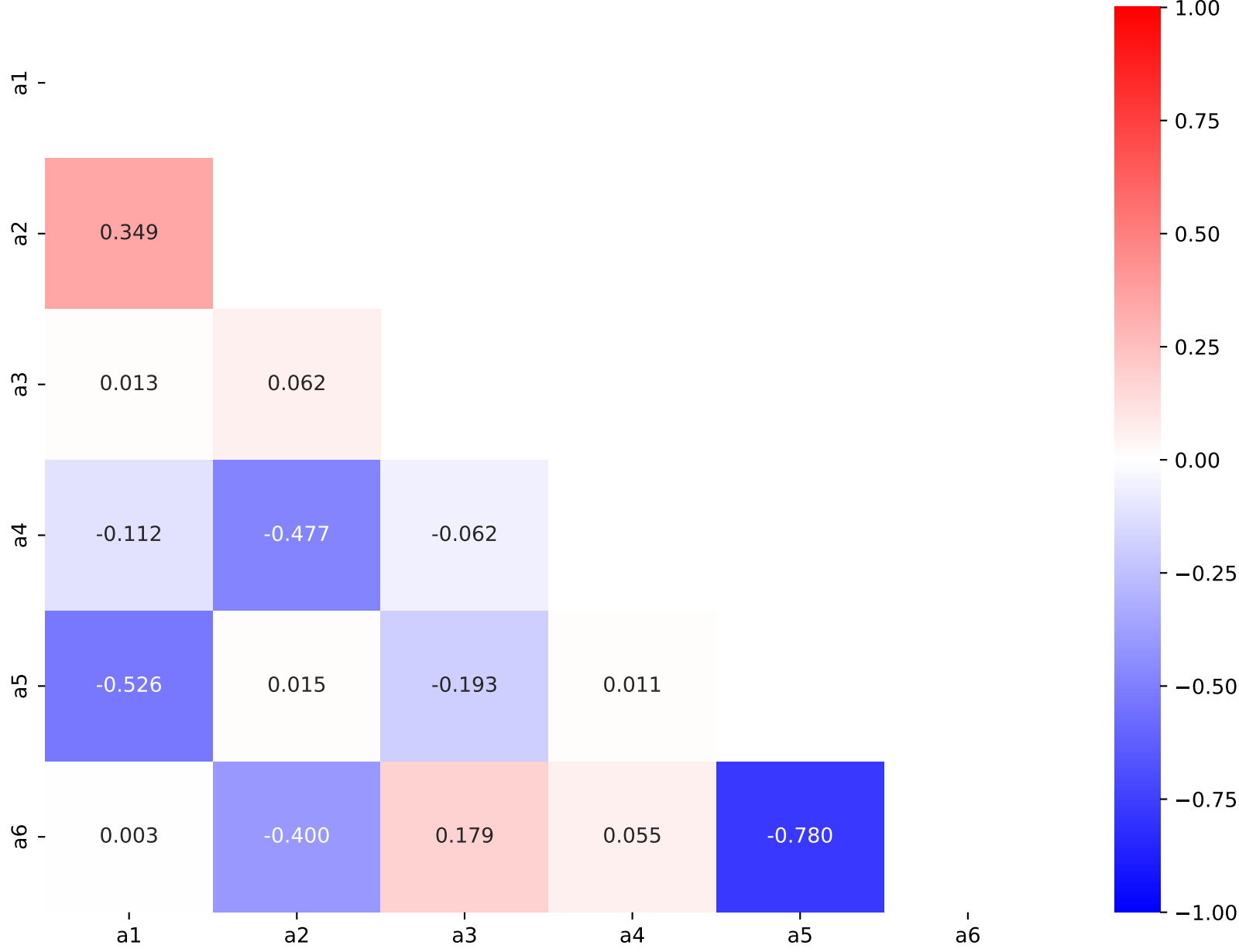
$$a_1 = -16.9446^{+1.02(6.02\%)}_{-1.02(6.02\%)}, \quad a_2 = -2.71726^{+0.0491(1.81\%)}_{-0.0491(1.81\%)},$$

$$a_3 = -0.174303^{+0.00199(1.14\%)}_{-0.00199(1.14\%)}, \quad a_4 = 0.078953^{+0.0093(11.8\%)}_{-0.0093(11.8\%)},$$

$$a_5 = 3.54797^{+0.541(15.2\%)}_{-0.541(15.2\%)}, \quad a_6 = 3.46844^{+0.188(5.42\%)}_{-0.188(5.42\%)}$$

Candidate #19

$$\chi^2/\text{NDF} = 13.45/14, \text{ p-value} = 0.4915, \text{ RMSE} = 11.01$$



Candidate function #18

$$164.796 \cdot (a_2 + a_5 \cdot \text{gauss}(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \tanh(a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526))) + a_5 \cdot \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_4)$$

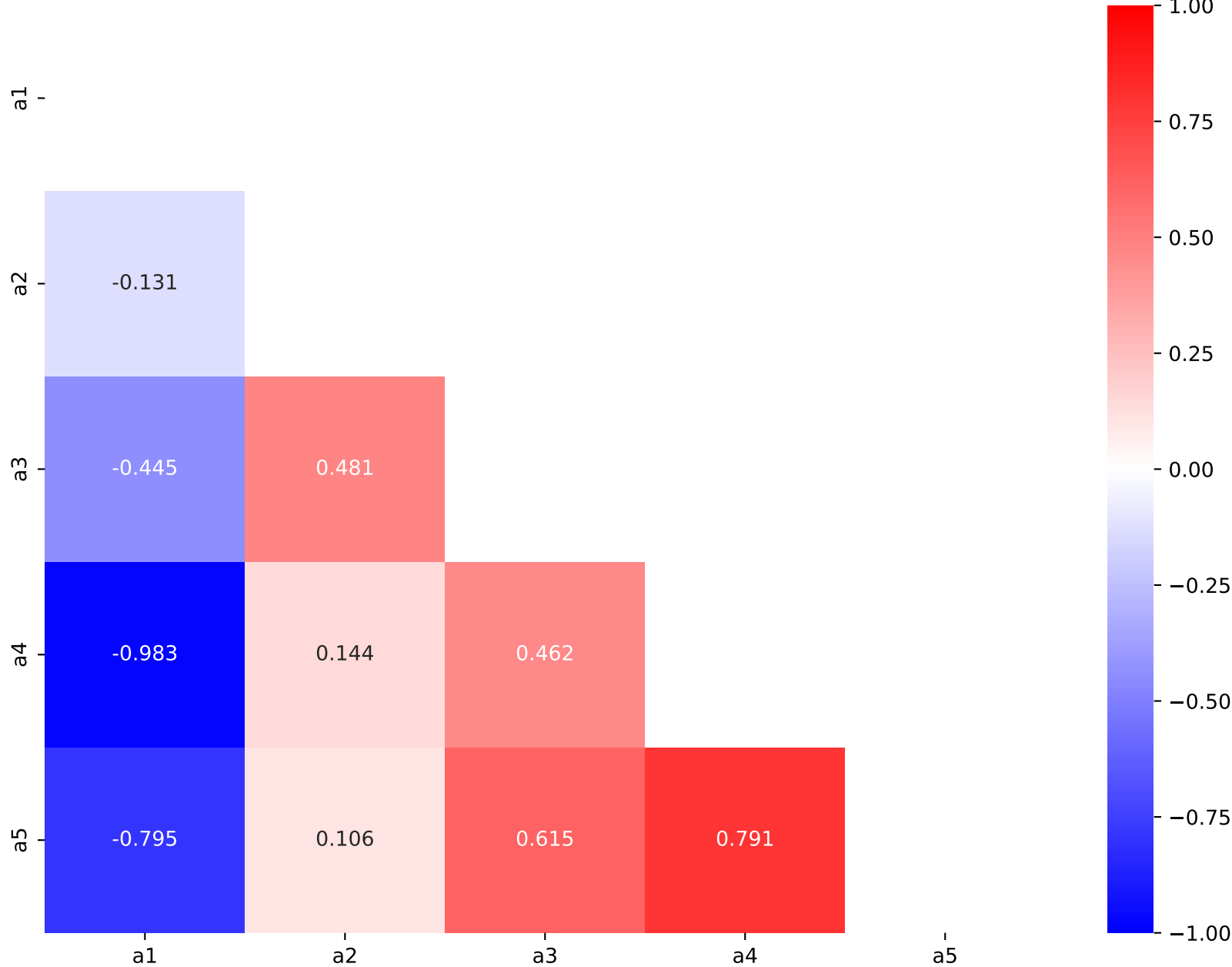
$$a_1 = -16.7582^{+0.906(5.41\%)}_{-0.906(5.41\%)}, \quad a_2 = 0.0788957^{+0.00911(11.5\%)}_{-0.00911(11.5\%)},$$

$$a_3 = 2.71789^{+0.0478(1.76\%)}_{-0.0478(1.76\%)}, \quad a_4 = 2.92336^{+0.158(5.4\%)}_{-0.158(5.4\%)},$$

$$a_5 = 3.48938^{+0.0898(2.57\%)}_{-0.0898(2.57\%)}$$

Candidate #18

$$\chi^2/\text{NDF} = 13.78/15, \quad \text{p-value} = 0.5425, \quad \text{RMSE} = 11.28$$



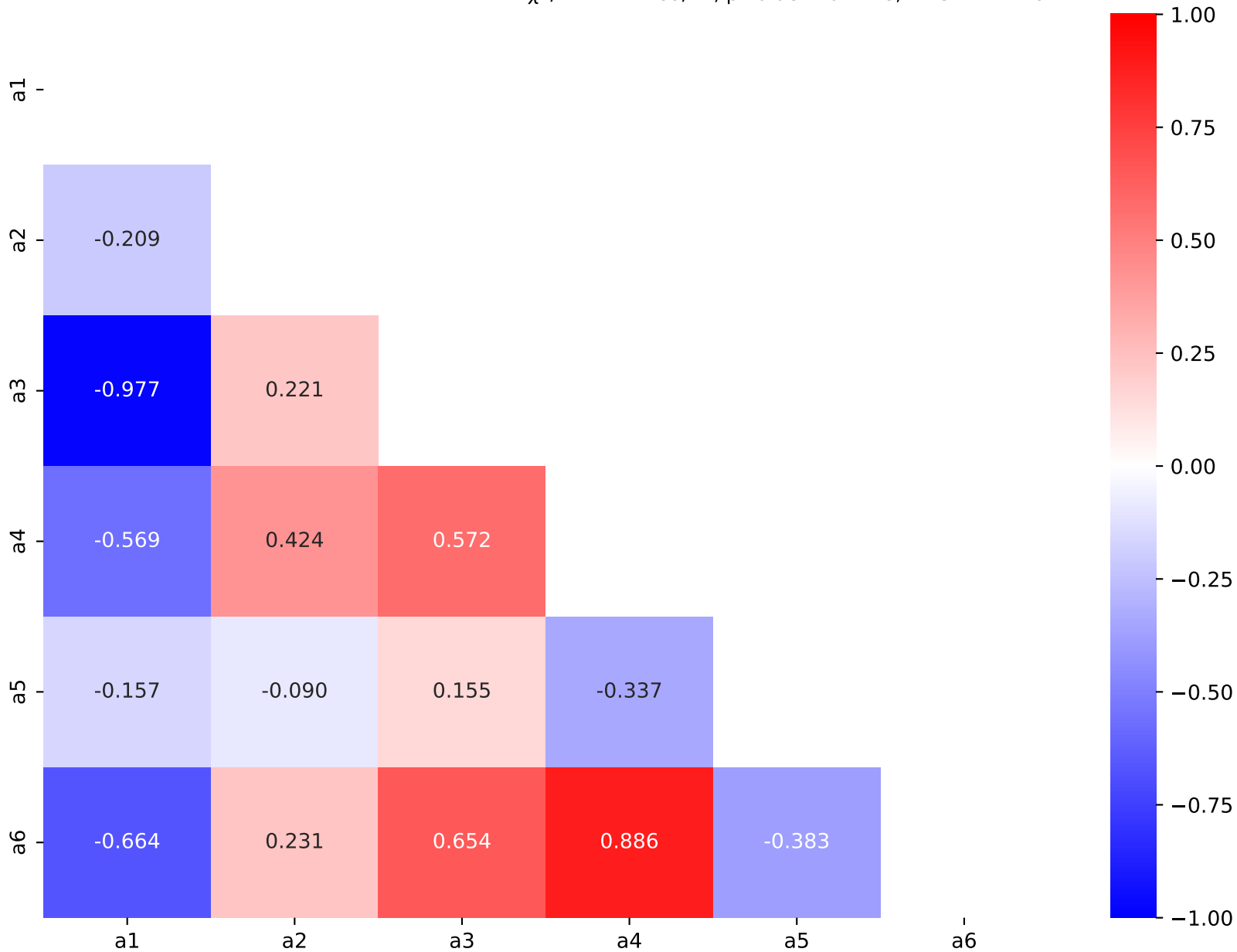
Candidate function #17

$$164.796 \cdot (a_2 + a_5 \cdot \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_3) + a_6 \cdot ((x_0 - 12.5) \cdot 0.00210526) \cdot \text{gauss}(a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -16.0021^{+0.958(5.99\%)}_{-0.958(5.99\%)}, \quad a_2 = 0.0838712^{+0.0107(12.8\%)}_{-0.0107(12.8\%)},$$

$$a_3 = 2.78503^{+0.165(5.92\%)}_{-0.165(5.92\%)}, \quad a_4 = 3.03884^{+0.0876(2.88\%)}_{-0.0876(2.88\%)},$$

$$a_5 = 3.59993^{+0.2(5.56\%)}_{-0.2(5.56\%)}, \quad a_6 = 10.3856^{+1.02(9.82\%)}_{-1.02(9.82\%)}$$

Candidate #17 $\chi^2/\text{NDF} = 17.89/14$, p-value = 0.2118, RMSE = 12.29

Candidate function #16

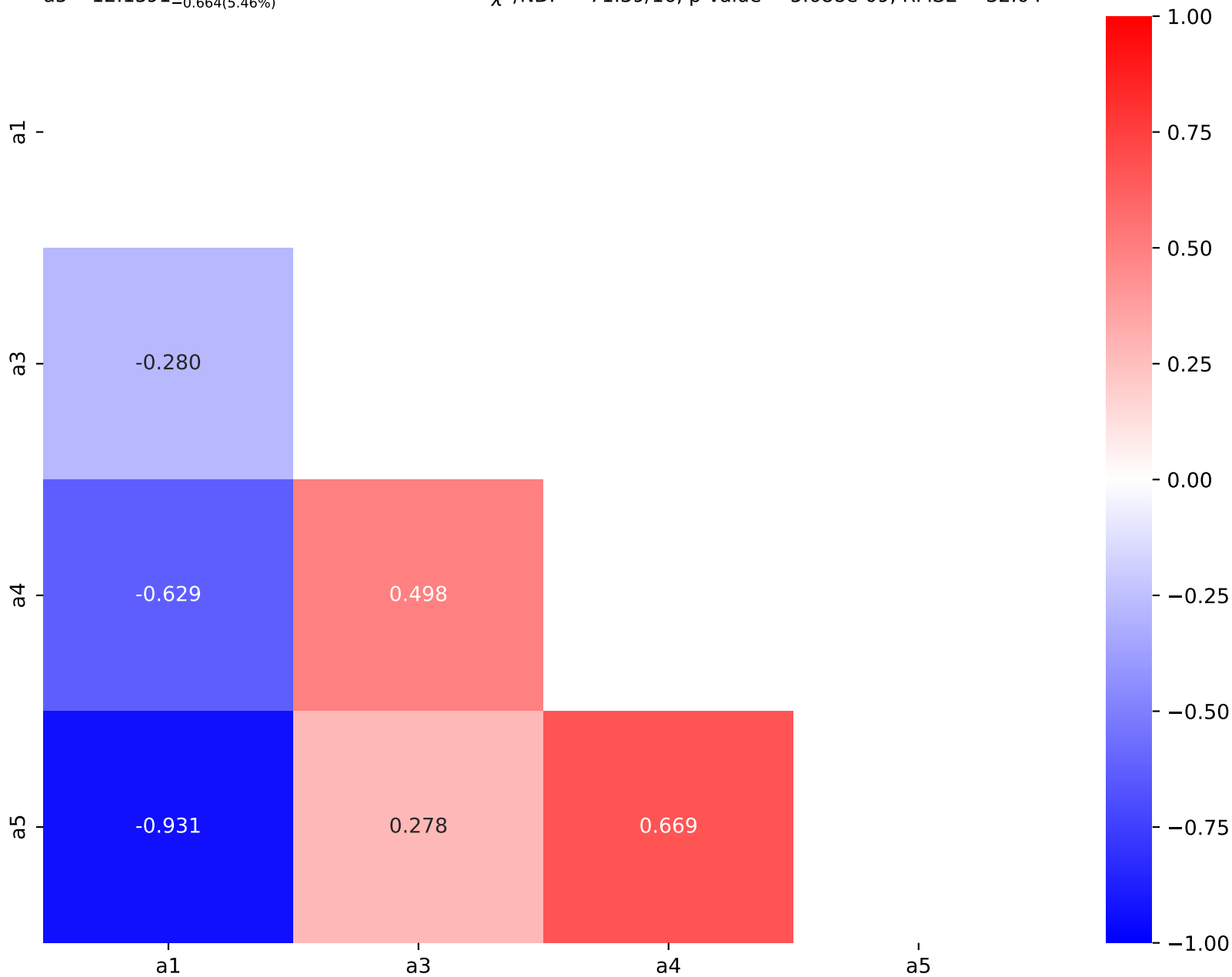
$$164.796 \cdot (a_2 + a_4 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \text{gauss}(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) + a_4 \cdot \text{gauss}(a_1 + a_5 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -2.17625^{+0.116(5.33\%)}_{-0.116(5.33\%)}, \quad a_2 = 0.0387,$$

$$a_3 = 2.34529^{+0.068(2.9\%)}_{-0.068(2.9\%)}, \quad a_4 = 4.18705^{+0.243(5.8\%)}_{-0.243(5.8\%)},$$

$$a_5 = 12.1591^{+0.664(5.46\%)}_{-0.664(5.46\%)}$$

$$\chi^2/\text{NDF} = 71.39/16, \quad \text{p-value} = 5.688\text{e-}09, \quad \text{RMSE} = 32.04$$

Candidate #16

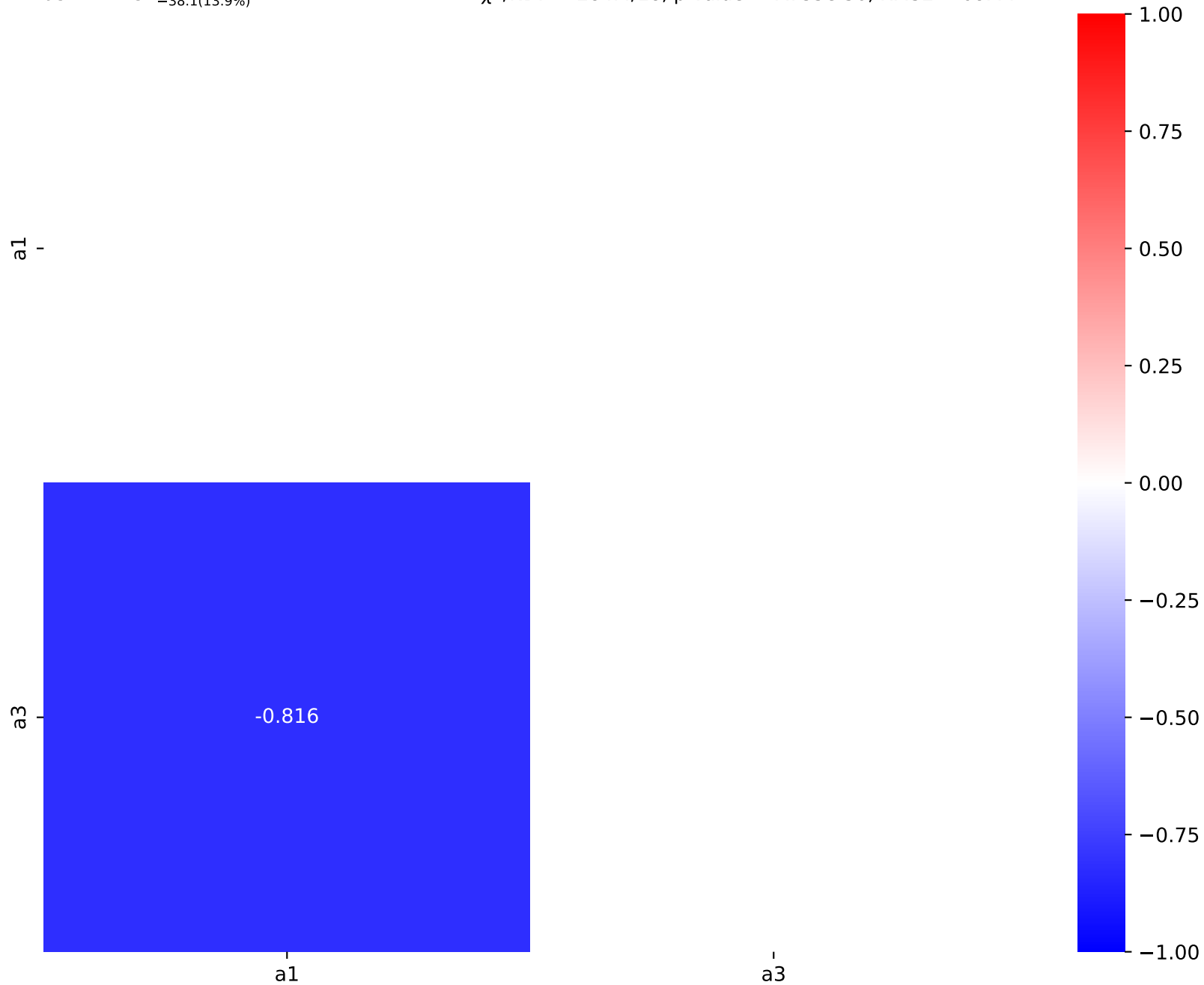
Candidate function #15

$$164.796 \cdot (a_2 + a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_1 + ((x_0 - 12.5) \cdot 0.00210526))) \cdot \tanh(((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -5.53048^{+0.193(3.49\%)}_{-0.193(3.49\%)}, \quad a_2 = 0.125,$$

$$a_3 = 274.32^{+38.1(13.9\%)}_{-38.1(13.9\%)}$$

Candidate #15
 $\chi^2/\text{NDF} = 284.4/18, \text{ p-value} = 7.735\text{e-}50, \text{ RMSE} = 68.44$



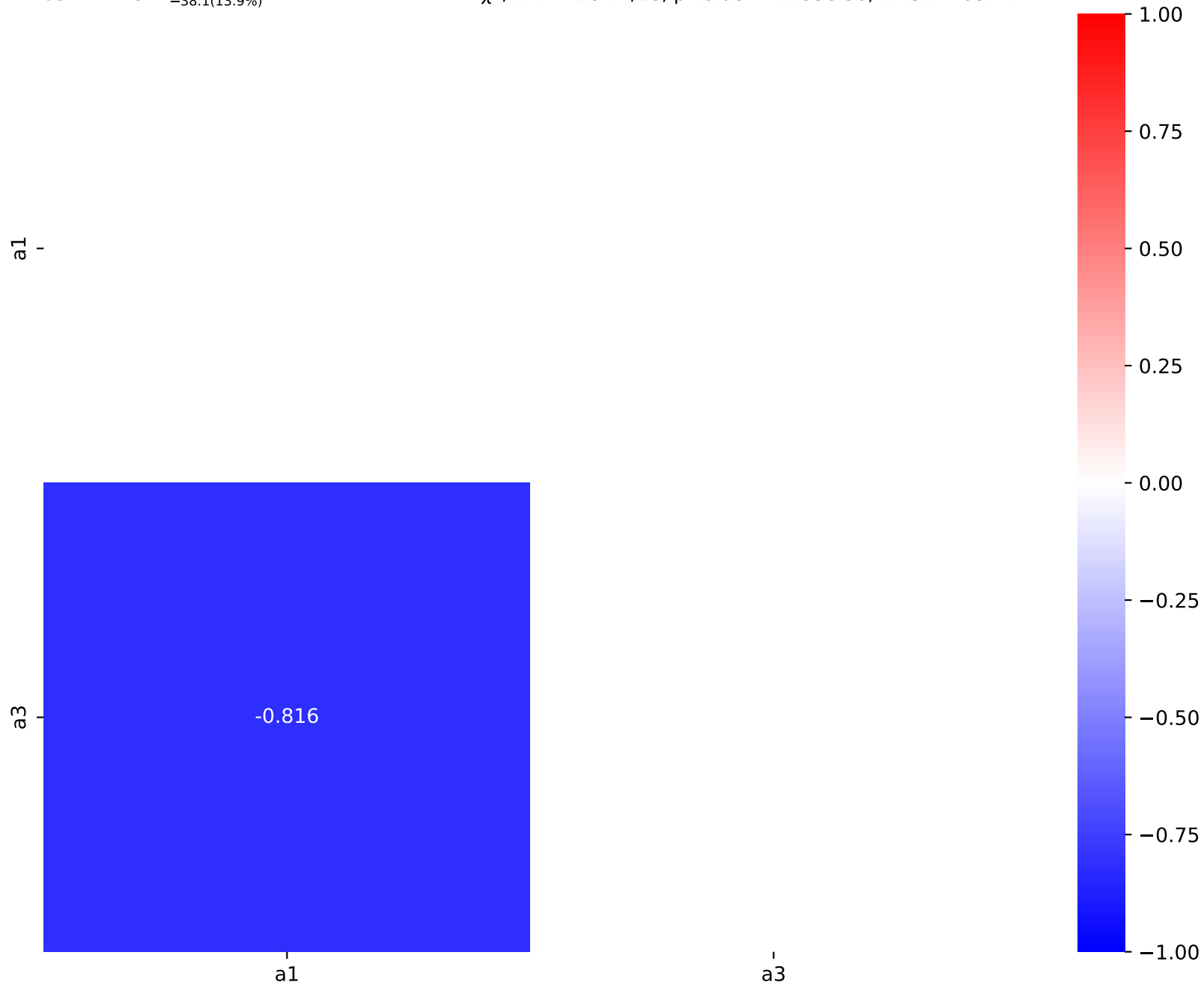
Candidate function #14

$$164.796 \cdot (a_2 + a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526) \cdot (a_1 + ((x_0 - 12.5) \cdot 0.00210526)))$$

$$a_1 = -5.56166^{+0.192(3.45\%)}_{-0.192(3.45\%)}, \quad a_2 = 0.125,$$

$$a_3 = 274.342^{+38.1(13.9\%)}_{-38.1(13.9\%)}$$

Candidate #14
 $\chi^2/\text{NDF} = 284.4/18$, p-value = 7.733e-50, RMSE = 68.44



Candidate function #13

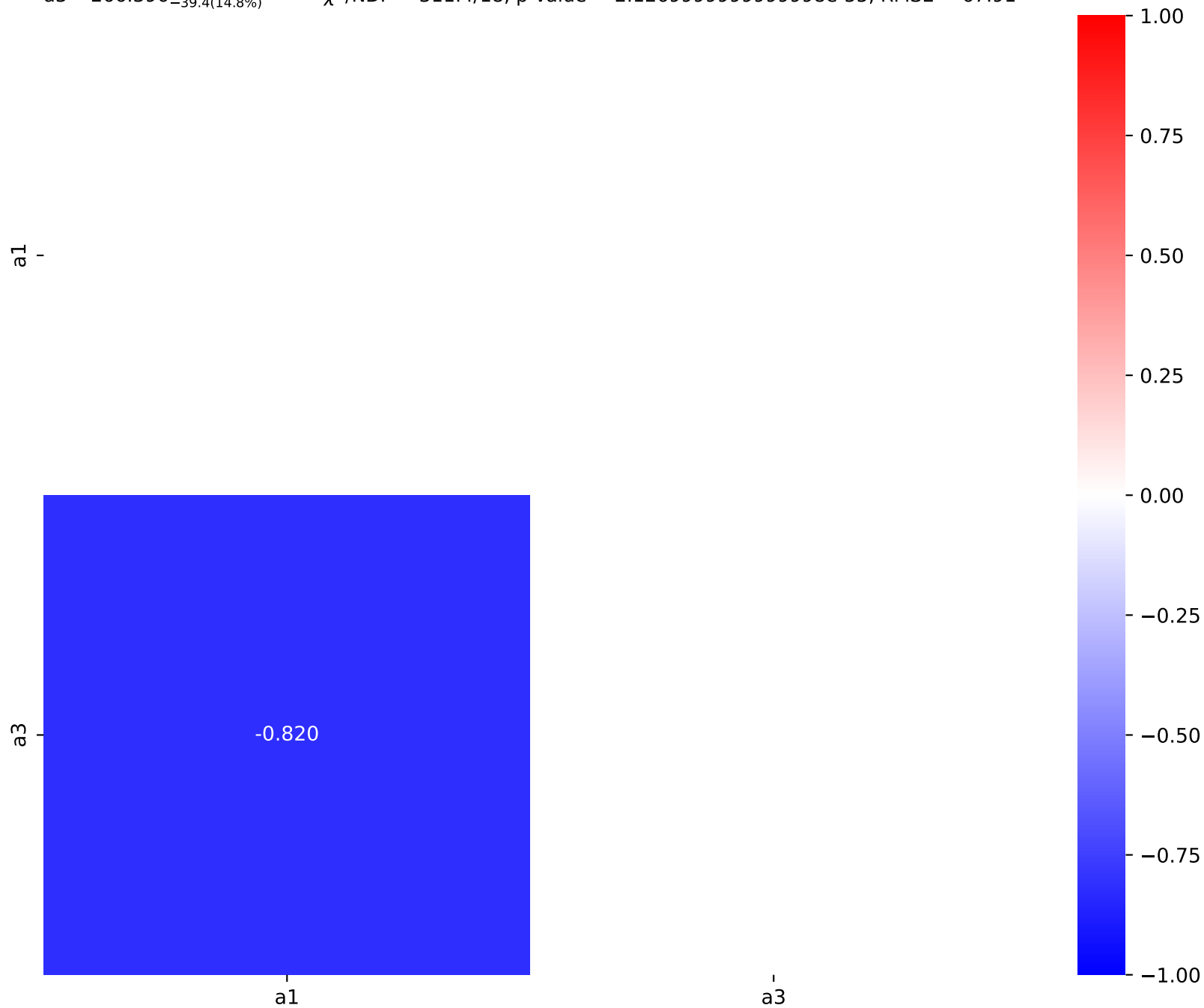
$164.796 \cdot (a_2 + a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526))$

SymbolFit

$a_1 = -5.24934^{+0.216(4.11\%)}_{-0.216(4.11\%)}, \quad a_2 = 0.131,$

Candidate #13

$a_3 = 266.396^{+39.4(14.8\%)}_{-39.4(14.8\%)}, \quad \chi^2/\text{NDF} = 311.4/18, \text{ p-value} = 2.126999999999998\text{e-}55, \text{ RMSE} = 67.91$



Candidate function #12

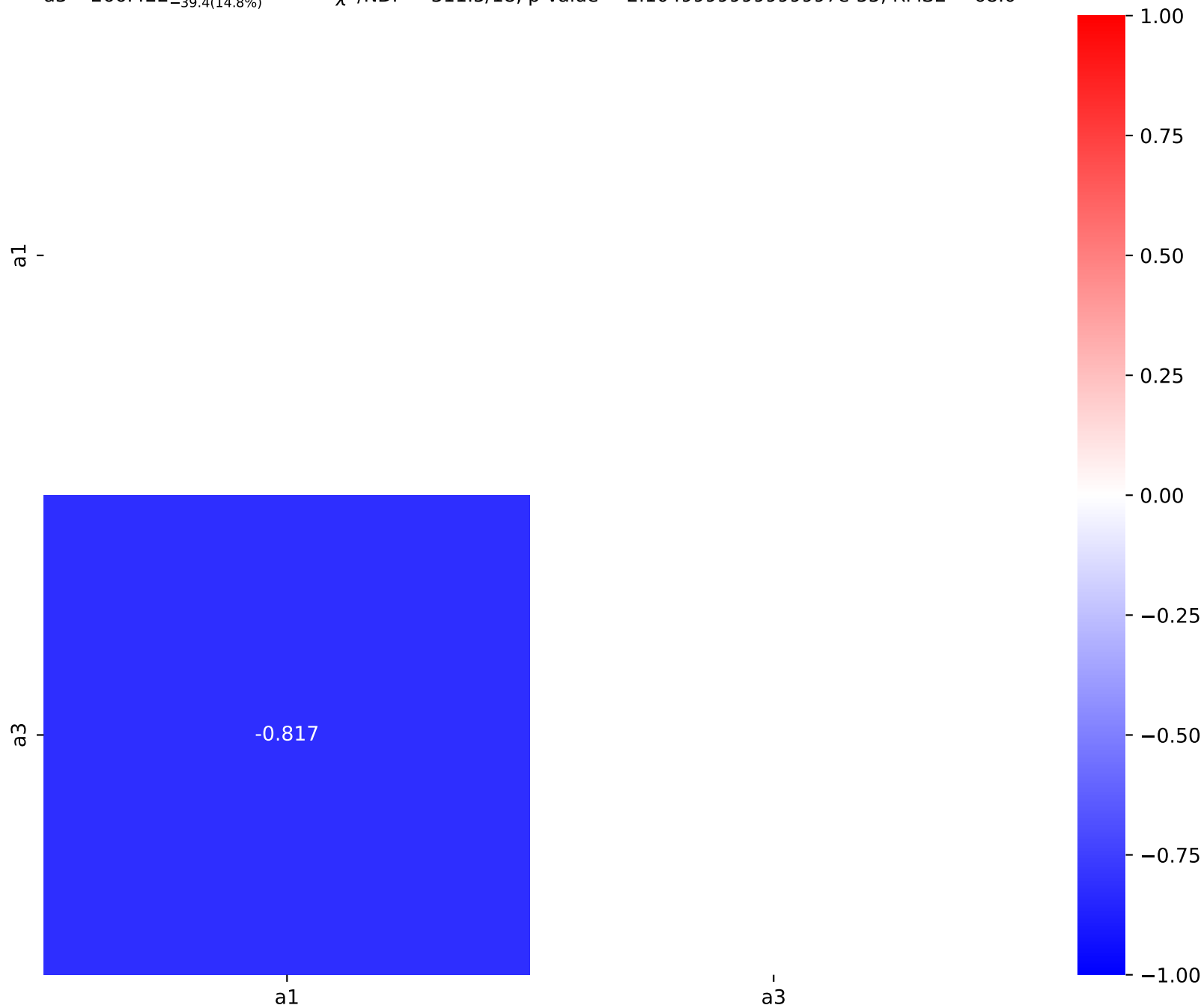
$$164.796 \cdot (a_2 + a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526))$$

SymbolFit

$$a_1 = -5.24678^{+0.216(4.12\%)}_{-0.216(4.12\%)}, \quad a_2 = 0.128,$$

Candidate #12

$$a_3 = 266.422^{+39.4(14.8\%)}_{-39.4(14.8\%)}, \quad \chi^2/\text{NDF} = 311.5/18, \text{ p-value} = 2.104999999999997\text{e-}55, \text{ RMSE} = 68.0$$



Candidate function #11

$$164.796 \cdot (a_1 + a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \text{gauss}(a_2 \cdot ((x_0 - 12.5) \cdot 0.00210526))$$

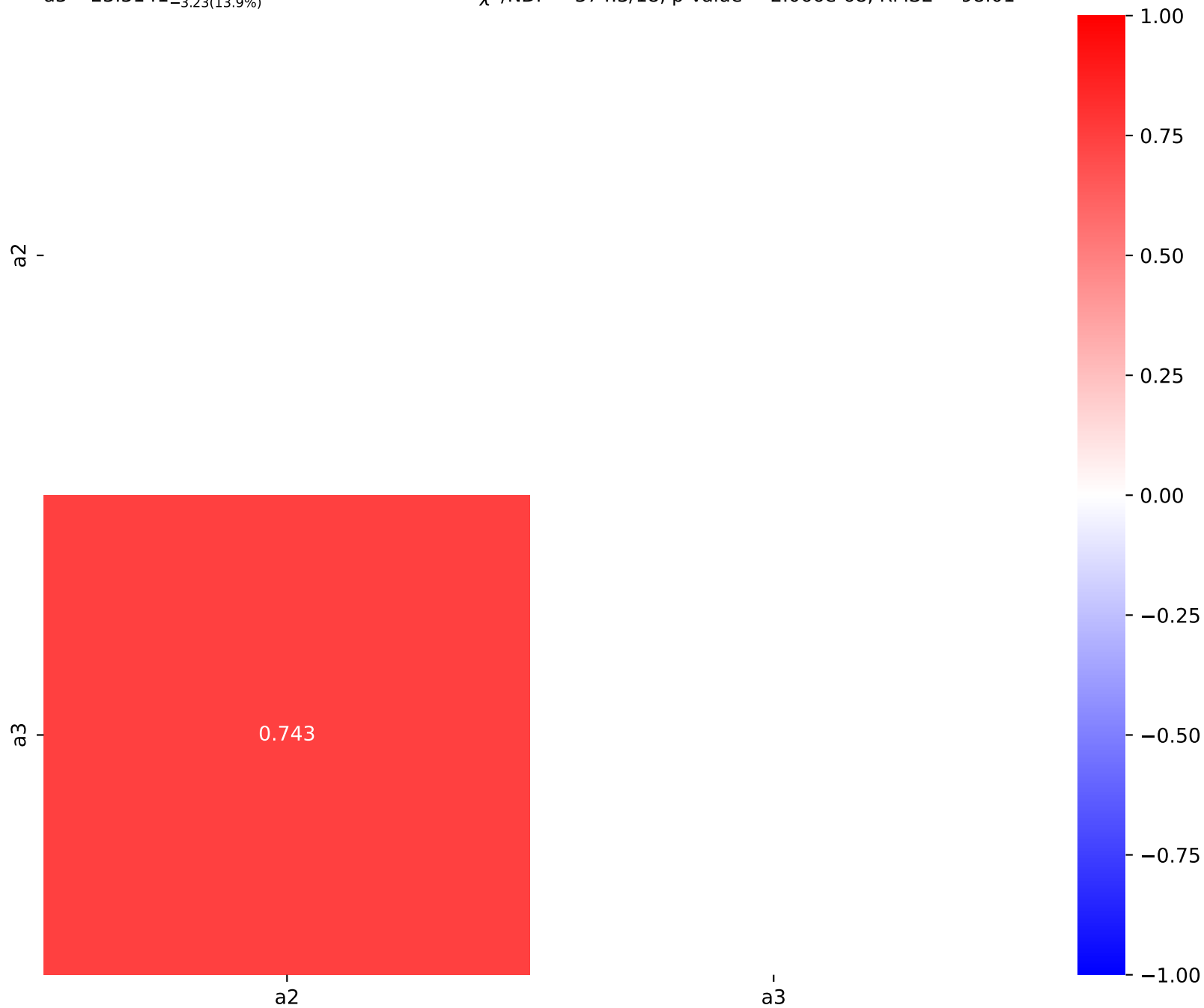
SymbolFit

$$a_1 = 0.101, \quad a_2 = 3.74294^{+0.201(5.37\%)}_{-0.201(5.37\%)},$$

$$a_3 = 23.3141^{+3.23(13.9\%)}_{-3.23(13.9\%)}$$

Candidate #11

$$\chi^2/\text{NDF} = 374.3/18, \text{ p-value} = 2.066\text{e-}68, \text{ RMSE} = 98.01$$



Candidate function #10

$$164.796 \cdot (a_2 \cdot \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526)) \cdot \tanh(a_3 \cdot ((x_0 - 12.5) \cdot 0.00210526)))$$

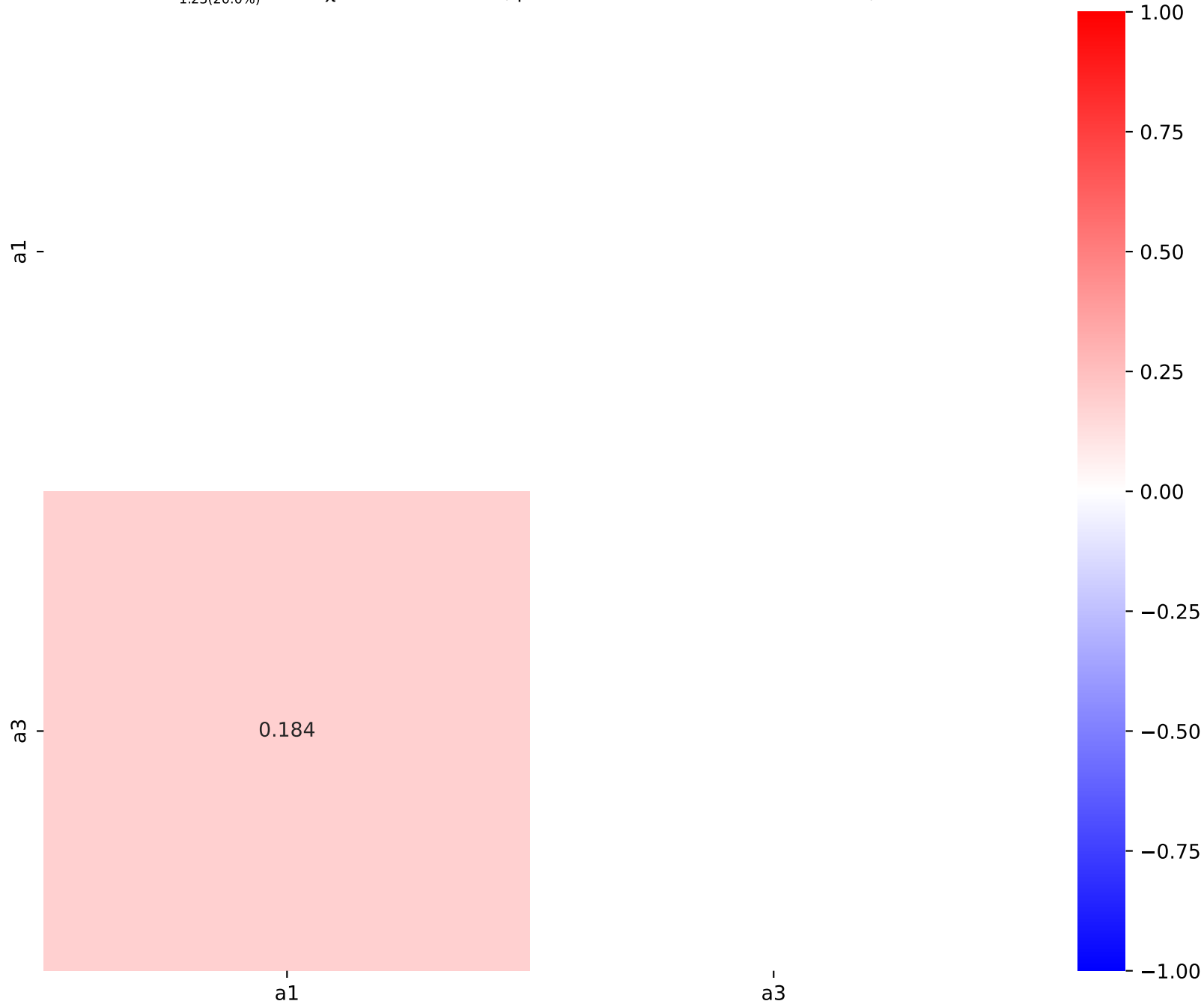
SymbolFit

$$a_1 = 2.74514^{+0.137(4.99\%)}_{-0.137(4.99\%)}, \quad a_2 = 4.1,$$

Candidate #10

$$a_3 = 6.15733^{+1.23(20.0\%)}_{-1.23(20.0\%)}$$

$$\chi^2/\text{NDF} = 465.2/18, \text{ p-value} = 2.156999999999992\text{e-}87, \text{ RMSE} = 105.8$$



Candidate function #9

$164.796 \cdot (a_2 + a_4 \cdot \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_3))$

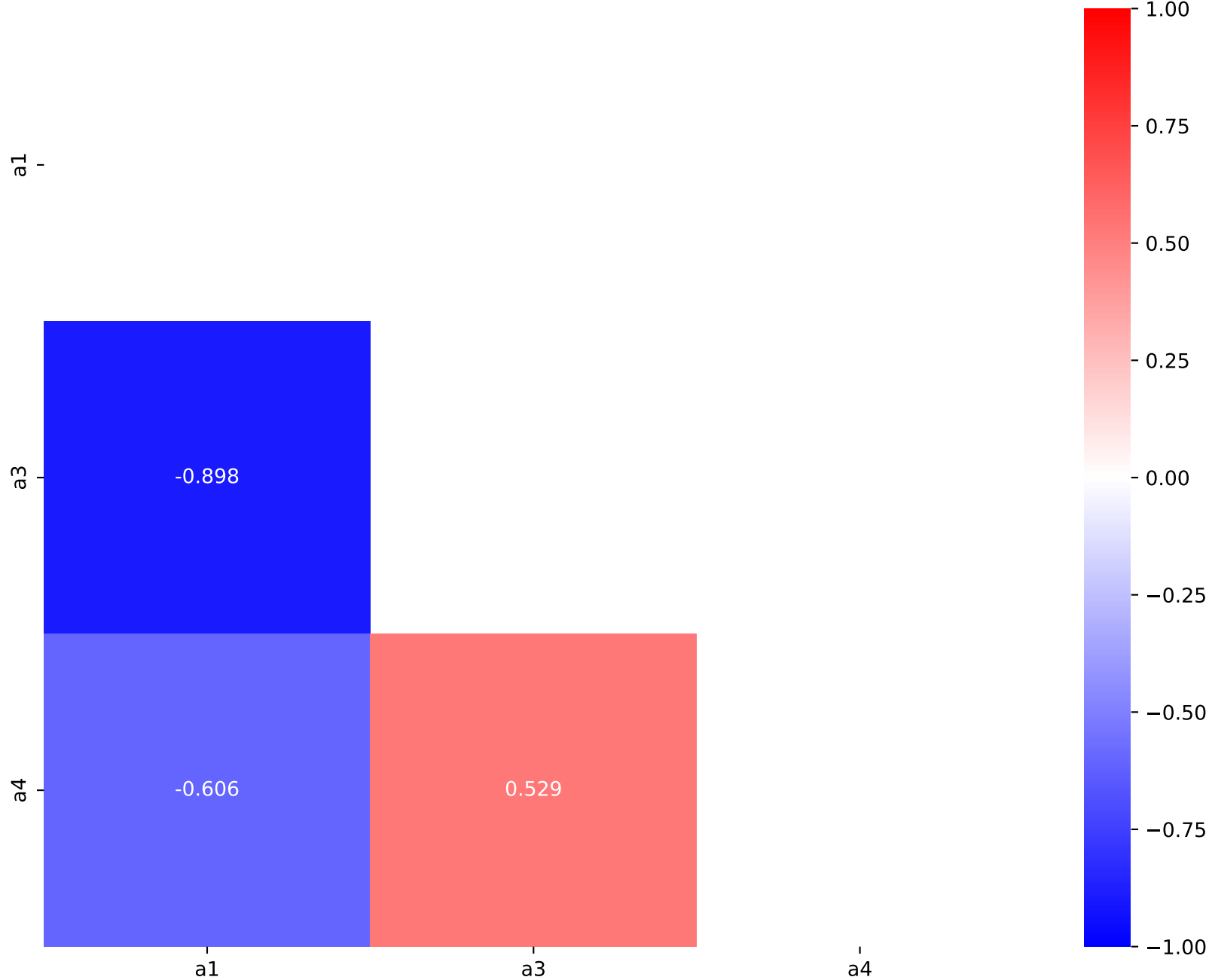
SymbolFit

$a_1 = -10.2064^{+1.07(10.5\%)}_{-1.07(10.5\%)}, a_2 = 0.138,$

$a_3 = 1.98672^{+0.207(10.4\%)}_{-0.207(10.4\%)}, a_4 = 4.26637^{+0.642(15.0\%)}_{-0.642(15.0\%)}$

Candidate #9

$\chi^2/\text{NDF} = 525.5/17, \text{p-value} = 7.83199999999995\text{e-}101, \text{RMSE} = 68.88$



Candidate function #8

$164.796 \cdot (a_2 + \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_3))$

SymbolFit

$a_1 = -6.6506^{+1.11(16.7\%)}_{-1.11(16.7\%)}$, $a_2 = 0.179$,
 $a_3 = 1.94$

Candidate #8

$\chi^2/\text{NDF} = 1547.0/19$, p-value = 0.0, RMSE = 207.8



Candidate function #7

$164.796 \cdot (a_2 + \text{gauss}(a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526) + a_3))$

SymbolFit

$a_1 = -6.58594^{+1.05(15.9\%)}_{-1.05(15.9\%)}$, $a_2 = 0.141$,
 $a_3 = 1.99$

Candidate #7

$\chi^2/\text{NDF} = 1574.0/19$, p-value = 0.0, RMSE = 213.3



Candidate function #6

$164.796 \cdot (a_1 \cdot ((x_0 - 12.5) \cdot 0.00210526)^2 + a_2)$

$a_1 = -0.373, \quad a_2 = 0.42$

$\chi^2/\text{NDF} = 2332.0/20, \text{ p-value} = 0.0, \text{ RMSE} = 235.9$

Candidate #6

SymbolFit



Candidate function #5

$164.796 \cdot (a_1 \cdot \text{gauss}(((x_0 - 12.5) \cdot 0.00210526)^2))$

$a_1 = 0.341$

$\chi^2/\text{NDF} = 2366.0/20$, p-value = 0.0, RMSE = 240.9

Candidate #5

SymbolFit



Candidate function #4

$164.796 \cdot (a_1 \cdot \text{gauss}((x_0 - 12.5) \cdot 0.00210526))$

$a_1 = 0.394$

$\chi^2/\text{NDF} = 2394.0/20$, p-value = 0.0, RMSE = 238.1

Candidate #4

SymbolFit



Candidate function #3

$164.796 \cdot (a_1 \cdot \text{gauss}((x_0 - 12.5) \cdot 0.00210526))$

$a_1 = 0.341$

$\chi^2/\text{NDF} = 2396.0/20$, p-value = 0.0, RMSE = 242.3

Candidate #3

SymbolFit



Candidate function #2

$164.796 \cdot (a_1)$

$a_1 = 0.206$

Candidate #2
 $\chi^2/\text{NDF} = 2615.0/20$, p-value = 0.0, RMSE = 252.4

SymbolFit



Candidate function #1

$164.796 \cdot (a_1)$

$a_1 = 0.203$

Candidate #1
 $\chi^2/\text{NDF} = 2615.0/20$, p-value = 0.0, RMSE = 252.6

SymbolFit



Candidate function #0

$164.796 \cdot (a_1)$

$a_1 = 0.102$

Candidate #0
 $\chi^2/\text{NDF} = 2790.0/20$, p-value = 0.0, RMSE = 261.7

SymbolFit

