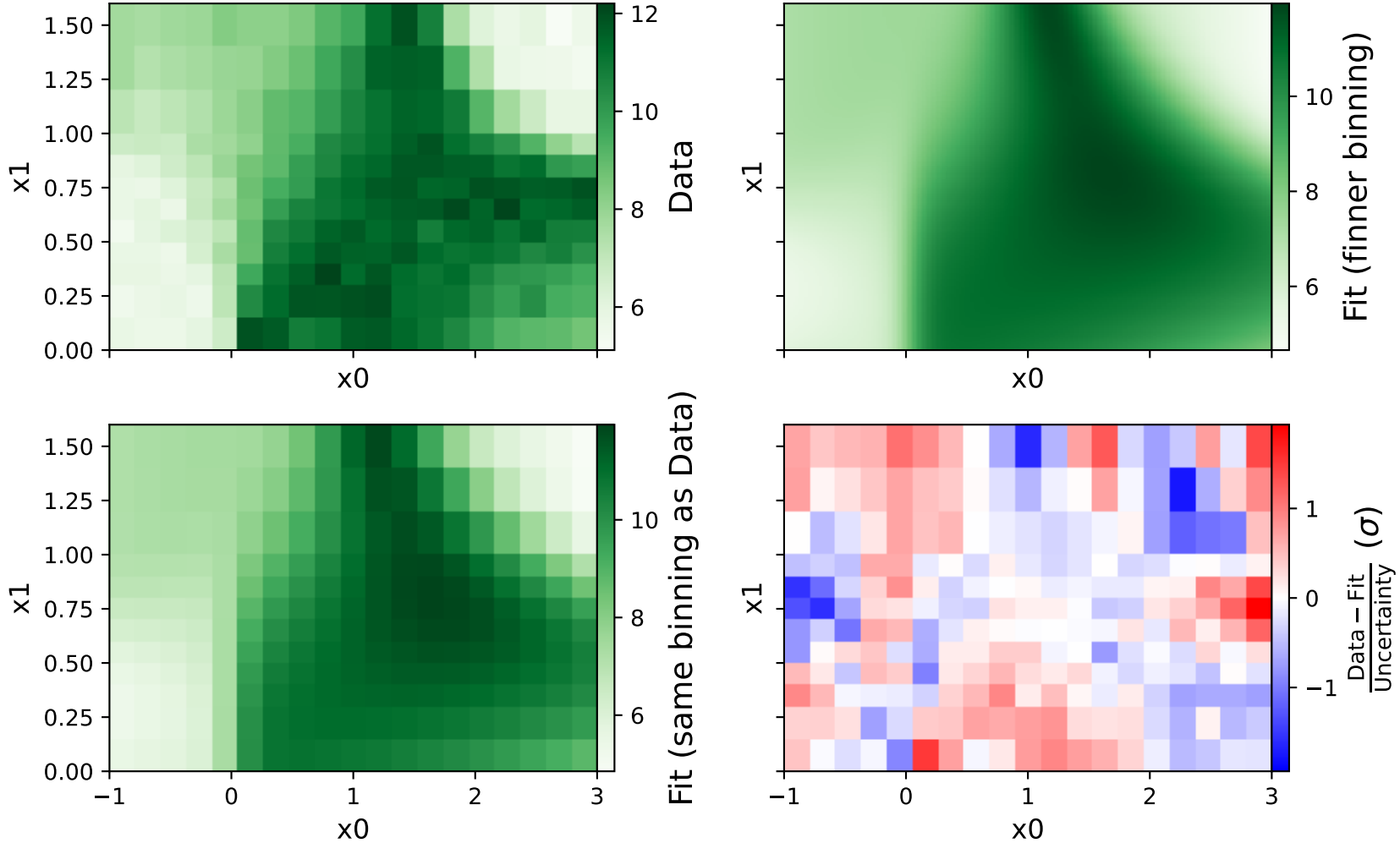
Candidate function #37

a3*x0**2 + a7 + (a6*tanh(x0*x1) + a6*tanh(a4 + 6*x0) + gauss(x1**3))*gauss(a5*x1*(a1 + a2*x1 + x0*x1))

$a1 = -1.07158^{+0.09921(9.26\%)}_{-0.09911(9.25\%)}$, $a2 = -0.499814^{+0.08647(17.3\%)}_{-0.08579(17.2\%)}$,
$a3 = -0.308476^{+0.0157(5.09\%)}_{-0.01574(5.1\%)}$, $a4 = -0.154$,
$a5 = 0.808394^{+0.02307(2.85\%)}_{-0.02254(2.79\%)}$, $a6 = 2.48535^{+0.04678(1.88\%)}_{-0.04631(1.86\%)}$,
$a7 = 7.43545^{+0.04144(0.557\%)}_{-0.04144(0.557\%)}$

***Candidate #37***

$\chi^2$/NDF = 73.1/222, RMSE = 0.5109, R2 = 0.945



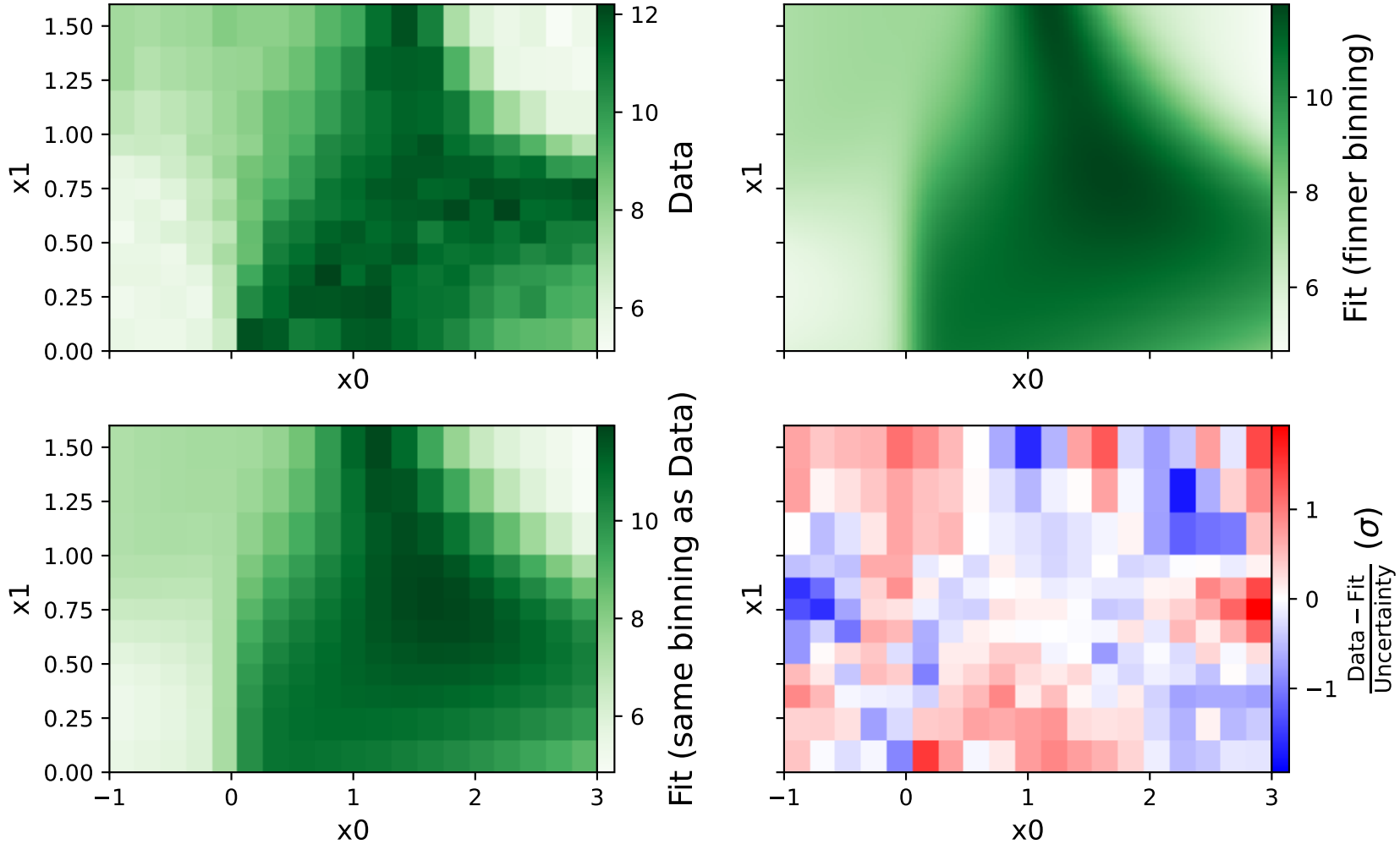
Candidate function #36

a3*x0**2 + a7 + (a6*tanh(x0*x1) + a6*tanh(a4 + 6*x0) + gauss(x1**3))*gauss(a5*x1*(a1 + a2*x1 + x0*x1))

$a1 = -1.07158^{+0.09921(9.26\%)}_{-0.09911(9.25\%)}$, $a2 = -0.499814^{+0.08647(17.3\%)}_{-0.08579(17.2\%)}$,
$a3 = -0.308476^{+0.0157(5.09\%)}_{-0.01574(5.1\%)}$, $a4 = -0.154$,
$a5 = 0.808394^{+0.02307(2.85\%)}_{-0.02254(2.79\%)}$, $a6 = 2.48535^{+0.04678(1.88\%)}_{-0.04631(1.86\%)}$,
$a7 = 7.43545^{+0.04144(0.557\%)}_{-0.04144(0.557\%)}$

***Candidate #36***

$\chi^2$/NDF = 73.1/222, RMSE = 0.5109, R2 = 0.945



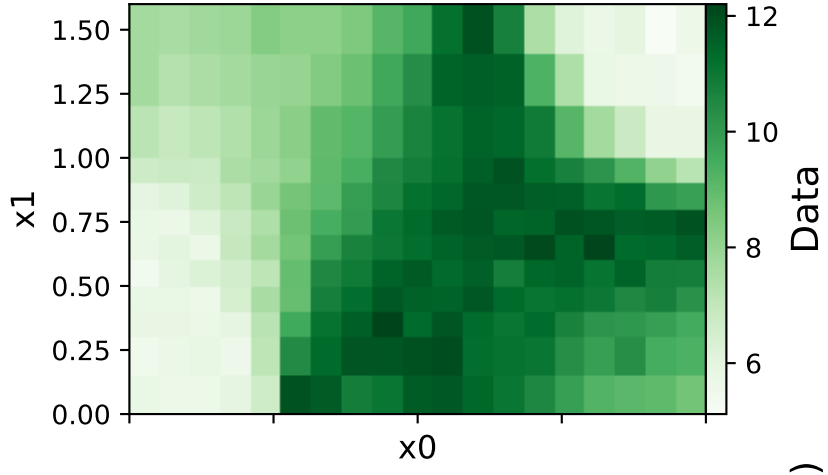
Candidate function #35

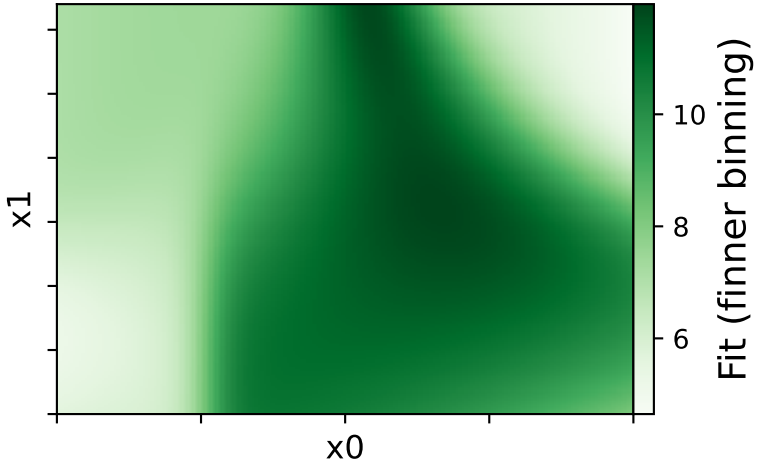
a3*x0**2 + a7 + (a6*tanh(x0*x1) + a6*tanh(a4 + 5*x0) + gauss(x1**3))*gauss(a5*x1*(a1 + a2*x1 + x0*x1))

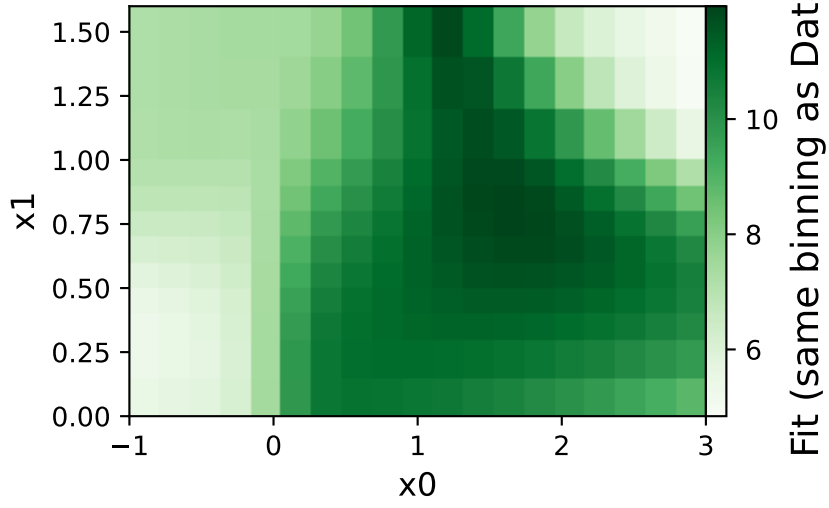
$a1 = -1.0504^{+0.1005(9.57\%)}_{-0.1004(9.56\%)}$, $a2 = -0.514972^{+0.08734(17.0\%)}_{-0.08664(16.8\%)}$,
$a3 = -0.309342^{+0.0158(5.11\%)}_{-0.01584(5.12\%)}$, $a4 = -0.154$,
$a5 = 0.80412^{+0.02315(2.88\%)}_{-0.02263(2.81\%)}$, $a6 = 2.4915^{+0.04695(1.88\%)}_{-0.04648(1.87\%)}$,
$a7 = 7.43284^{+0.0416(0.56\%)}_{-0.0416(0.56\%)}$

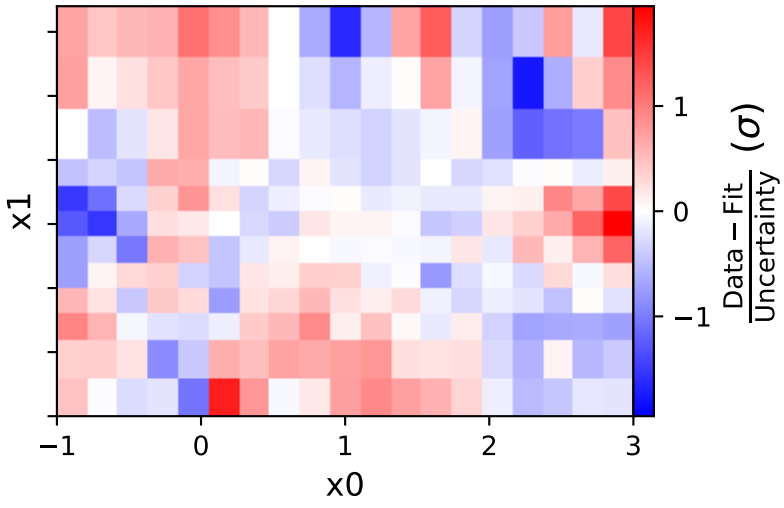
***Candidate #35***

$\chi^2$/NDF = 73.74/222, RMSE = 0.5155, R2 = 0.944



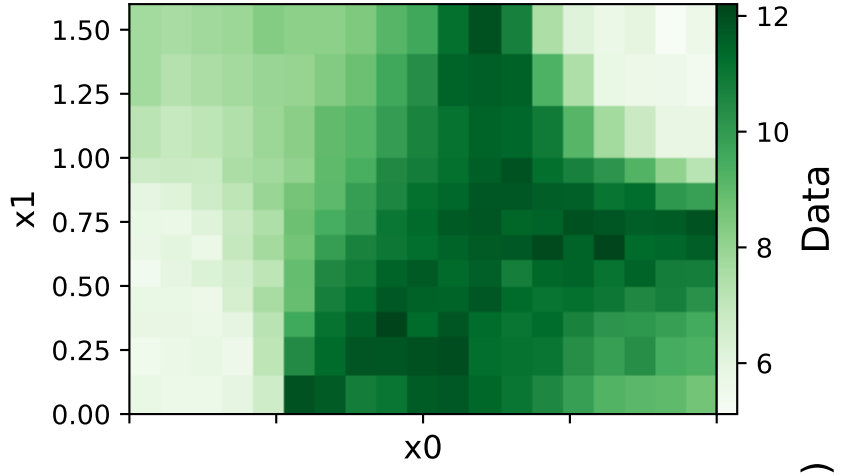
Candidate function #34

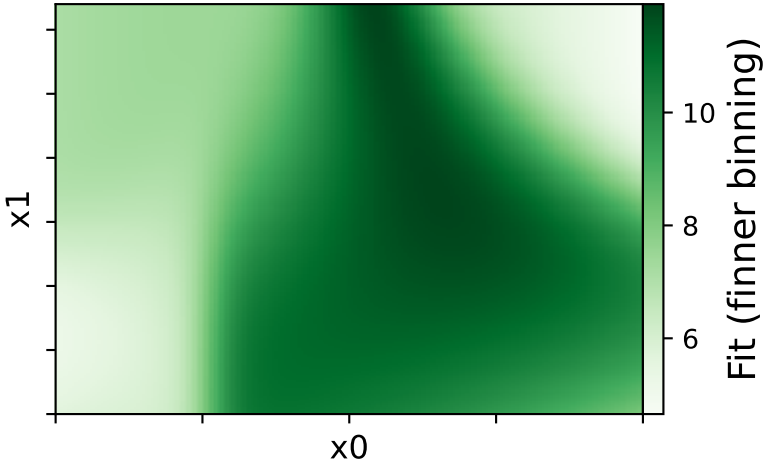
a3*x0**2 + a7 + (a6*tanh(x0*x1) + a6*tanh(a4 + 5*x0) + gauss(x1**2))*gauss(a5*x1*(a1 + a2*x1 + x0*x1))

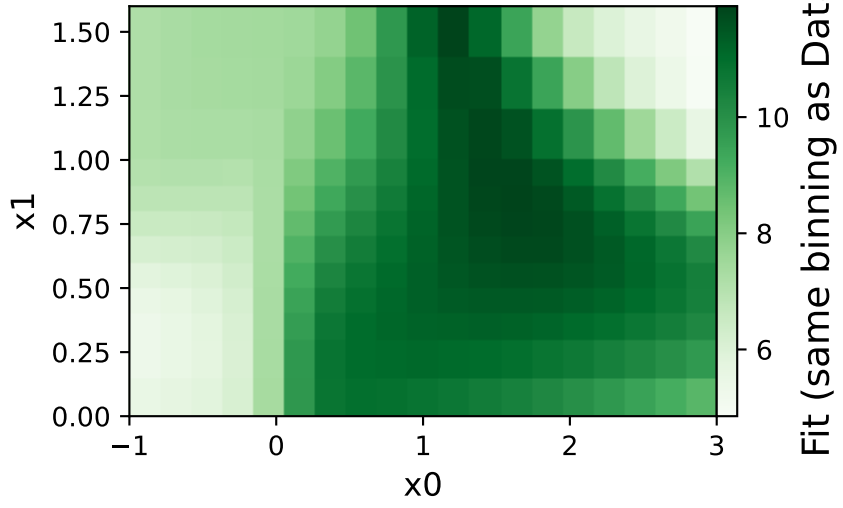
$a1 = -1.03682^{+0.1004(9.68\%)}_{-0.1002(9.67\%)}$, $a2 = -0.525571^{+0.08728(16.6\%)}_{-0.08657(16.5\%)}$,
$a3 = -0.311508^{+0.01588(5.1\%)}_{-0.01593(5.11\%)}$, $a4 = -0.204$,
$a5 = 0.808765^{+0.02325(2.87\%)}_{-0.02273(2.81\%)}$, $a6 = 2.50015^{+0.04733(1.89\%)}_{-0.04686(1.87\%)}$,
$a7 = 7.46135^{+0.04193(0.562\%)}_{-0.04193(0.562\%)}$

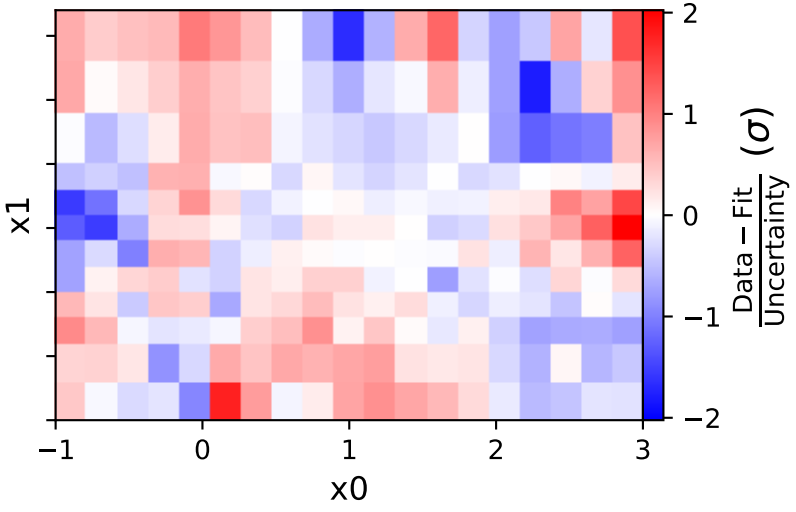
***Candidate #34***

$\chi^2$/NDF = 75.0/222, RMSE = 0.522, R2 = 0.9426



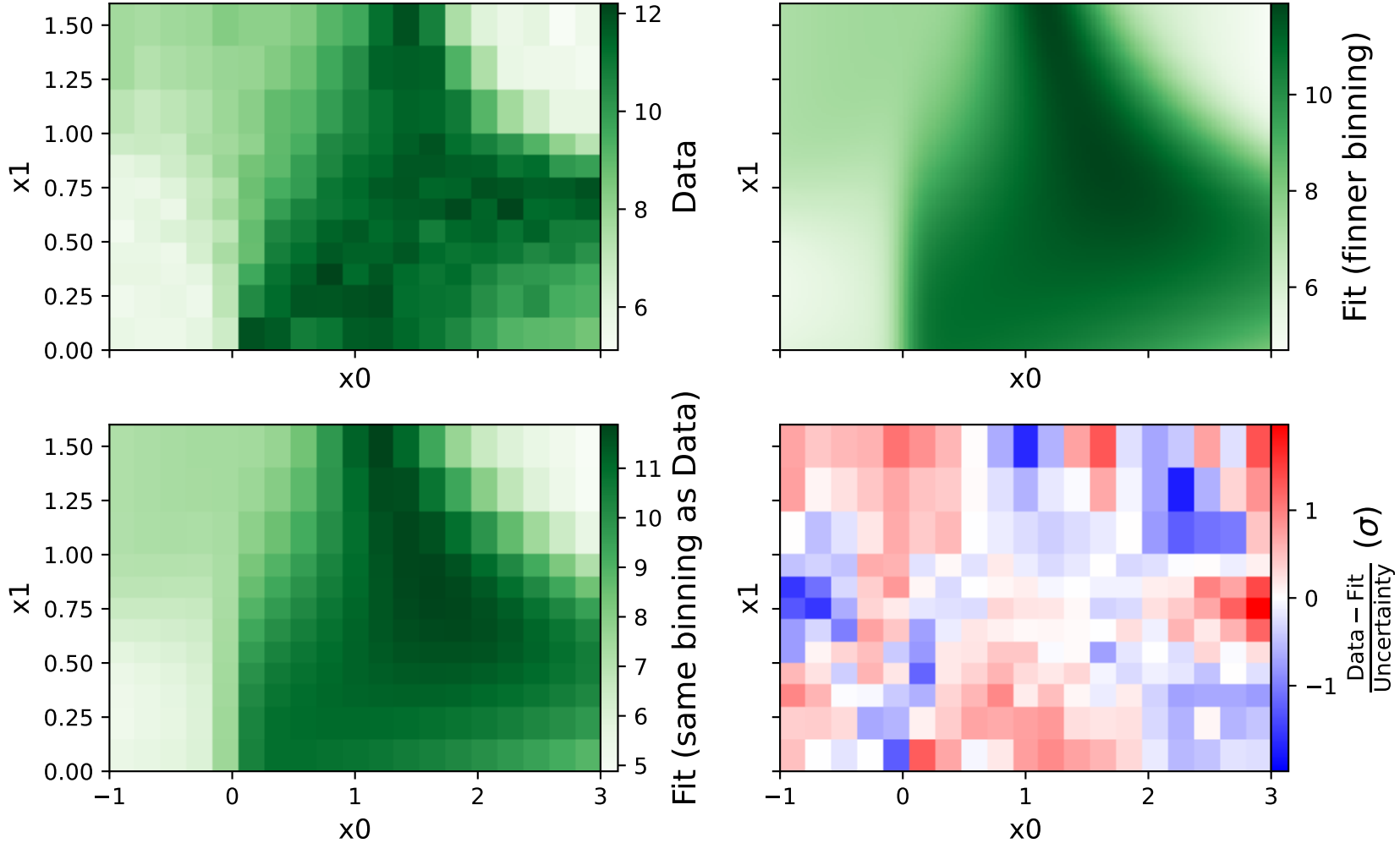
Candidate function #33

a3*x0**2 + a7 + (a5*tanh(a6*x0) + a5*tanh(x0*x1) + gauss(x1**2))*gauss(a4*x1*(a1 + a2*x1 + x0*x1))

$a1 = -1.0842^{+0.1005(9.27\%)}_{-0.1003(9.25\%)}$, $a2 = -0.487963^{+0.08764(18.0\%)}_{-0.08698(17.8\%)}$,
$a3 = -0.30363^{+0.01588(5.23\%)}_{-0.01593(5.25\%)}$, $a4 = 0.816537^{+0.02356(2.88\%)}_{-0.02302(2.82\%)}$,
$a5 = 2.49796^{+0.0482(1.93\%)}_{-0.04772(1.91\%)}$, $a6 = 6.70688^{+1.529(22.8\%)}_{-1.089(16.2\%)}$,
$a7 = 7.42477^{+0.04298(0.579\%)}_{-0.04296(0.579\%)}$

***Candidate #33***

$\chi^2$/NDF = 75.56/221, RMSE = 0.5191, R2 = 0.9432



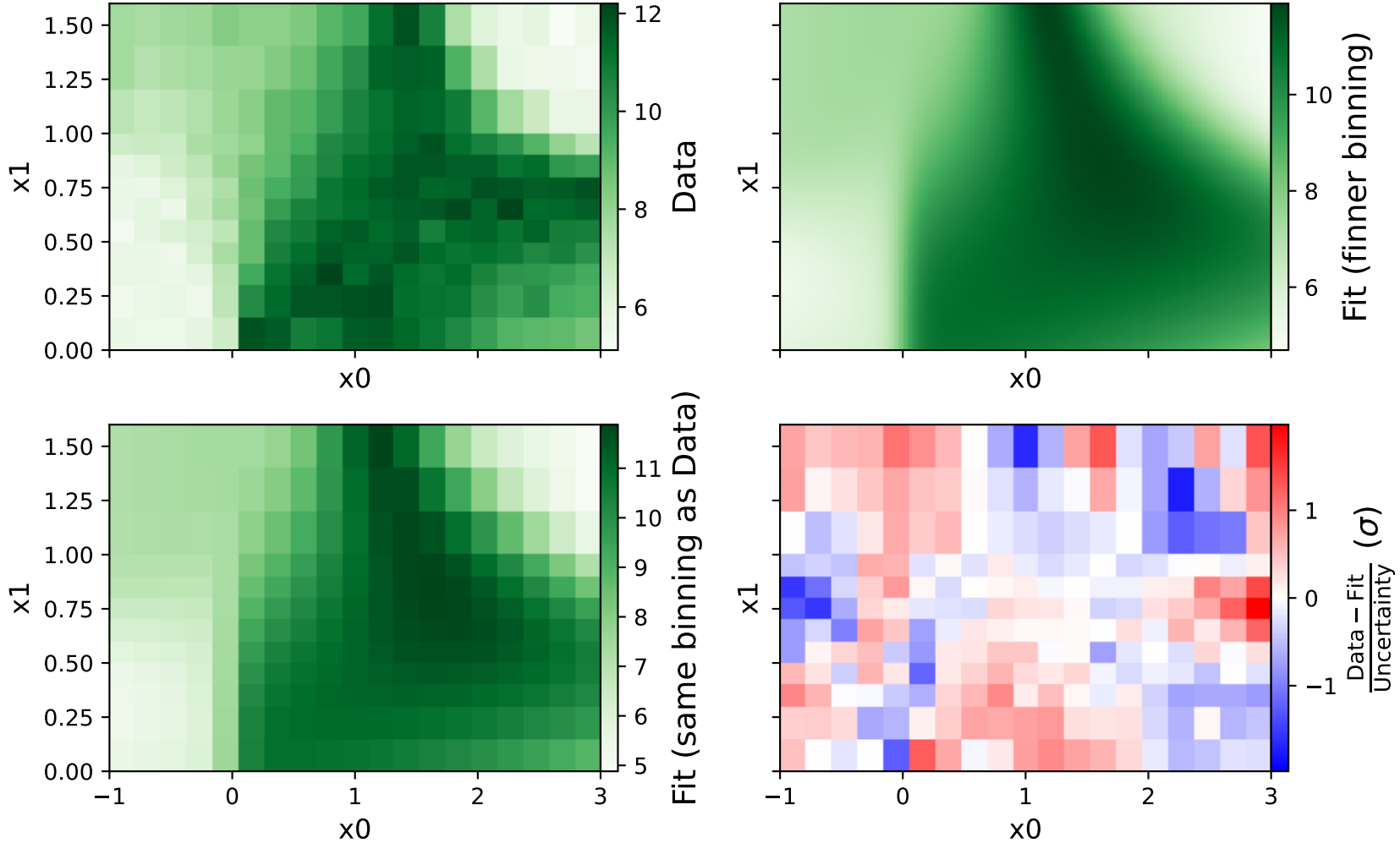
Candidate function #32

a3*x0**2 + a7 + (a5*tanh(a6*x0) + a5*tanh(x0*x1) + gauss(x1**2))*gauss(a4*x1*(a1 + a2*x1 + x0*x1))

$a1 = -1.08421^{+0.1005(9.27\%)}_{-0.1003(9.25\%)}$, $a2 = -0.487963^{+0.08764(18.0\%)}_{-0.08698(17.8\%)}$,
$a3 = -0.30363^{+0.01588(5.23\%)}_{-0.01593(5.25\%)}$, $a4 = 0.816539^{+0.02355(2.88\%)}_{-0.02302(2.82\%)}$,
$a5 = 2.49796^{+0.04819(1.93\%)}_{-0.04773(1.91\%)}$, $a6 = 6.707^{+1.528(22.8\%)}_{-1.09(16.2\%)}$,
$a7 = 7.42477^{+0.04298(0.579\%)}_{-0.04296(0.579\%)}$

***Candidate #32***

$\chi^2$/NDF = 75.56/221, RMSE = 0.5191, R2 = 0.9432



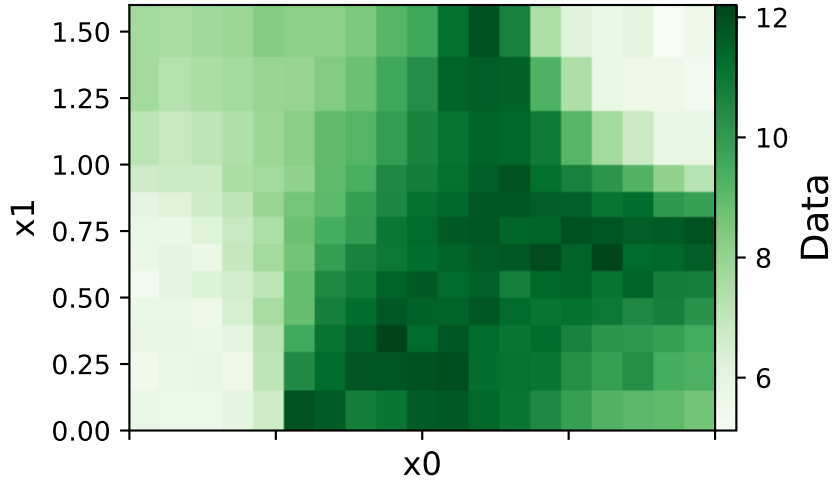
Candidate function #31

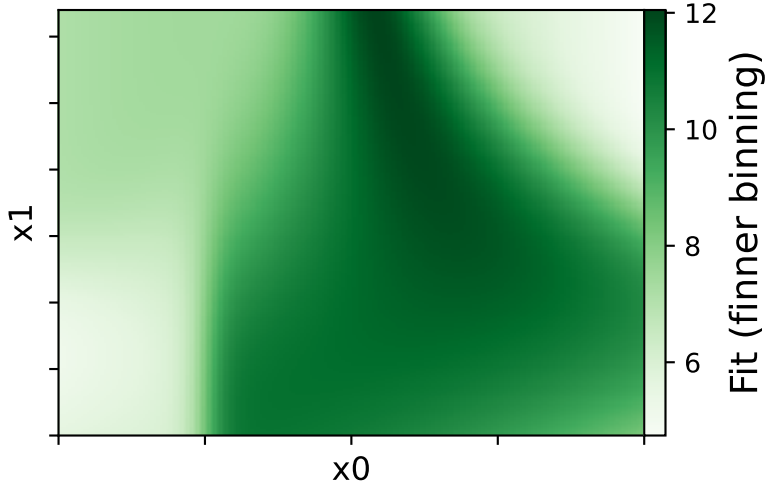
a3*x0**2 + a7 + (a5*tanh(a6*x0) + a5*tanh(x0*x1) + gauss(x1))*gauss(a4*x1*(a1 + a2*x1 + x0*x1))

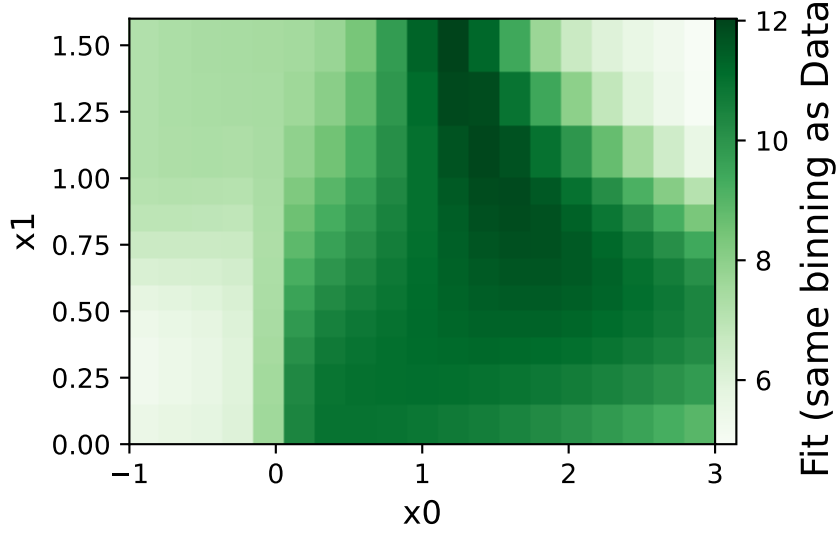
$a1 = -1.05099^{+0.09919(9.44\%)}_{-0.09906(9.43\%)}$, $a2 = -0.515108^{+0.08666(16.8\%)}_{-0.08596(16.7\%)}$,
$a3 = -0.302891^{+0.0161(5.32\%)}_{-0.01615(5.33\%)}$, $a4 = 0.832779^{+0.02408(2.89\%)}_{-0.02352(2.82\%)}$,
$a5 = 2.5169^{+0.04939(1.96\%)}_{-0.04892(1.94\%)}$, $a6 = 6.60215^{+1.515(22.9\%)}_{-1.081(16.4\%)}$,
$a7 = 7.46799^{+0.04384(0.587\%)}_{-0.04383(0.587\%)}$

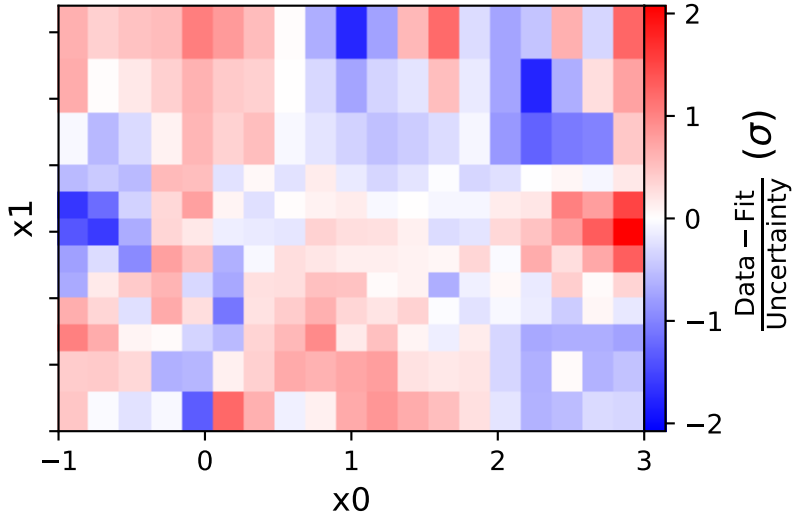
***Candidate #31***

$\chi^2$/NDF = 79.02/221, RMSE = 0.5327, R2 = 0.9402



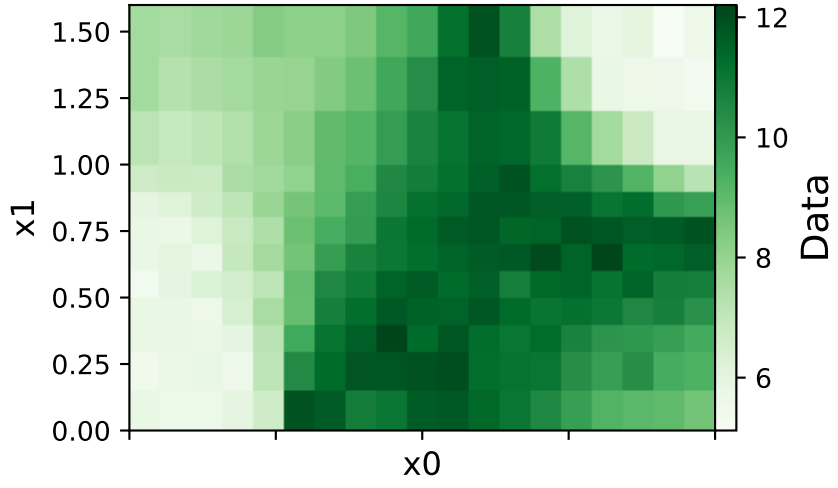
Candidate function #30

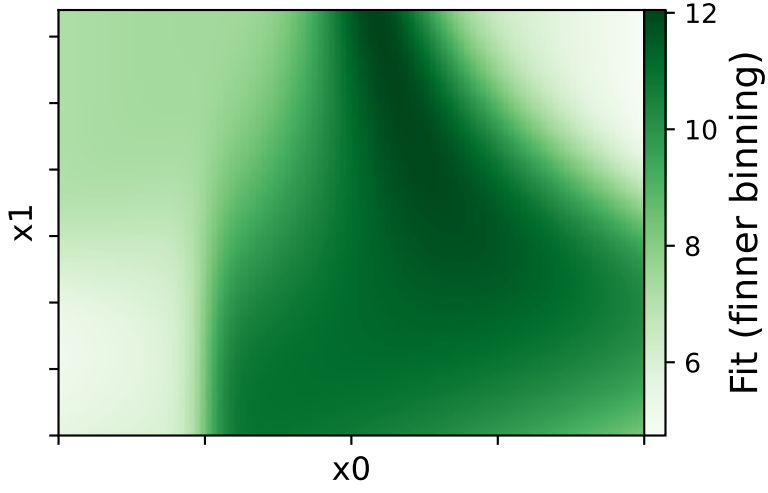
a3*x0**2 + a7 + (a5*tanh(a6*x0) + a5*tanh(x0*x1) + gauss(x1))*gauss(a4*x1*(a1 + a2*x1 + x0*x1))

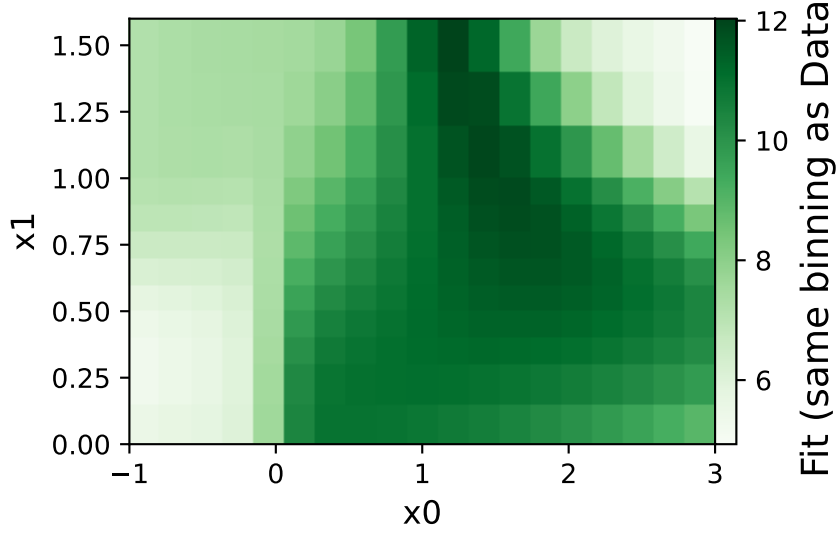
$a1 = -1.05098^{+0.09918(9.44\%)}_{-0.09906(9.43\%)}$, $a2 = -0.515108^{+0.08666(16.8\%)}_{-0.08596(16.7\%)}$,
$a3 = -0.30289^{+0.0161(5.32\%)}_{-0.01615(5.33\%)}$, $a4 = 0.832777^{+0.02408(2.89\%)}_{-0.02352(2.82\%)}$,
$a5 = 2.51689^{+0.0494(1.96\%)}_{-0.04892(1.94\%)}$, $a6 = 6.60204^{+1.515(22.9\%)}_{-1.081(16.4\%)}$,
$a7 = 7.46799^{+0.04385(0.587\%)}_{-0.04383(0.587\%)}$

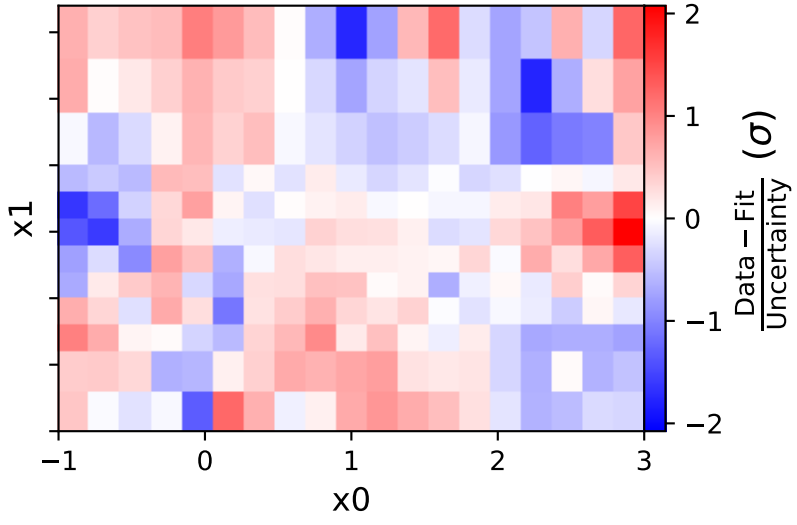
***Candidate #30***

$\chi^2$/NDF = 79.02/221, RMSE = 0.5327, R2 = 0.9402



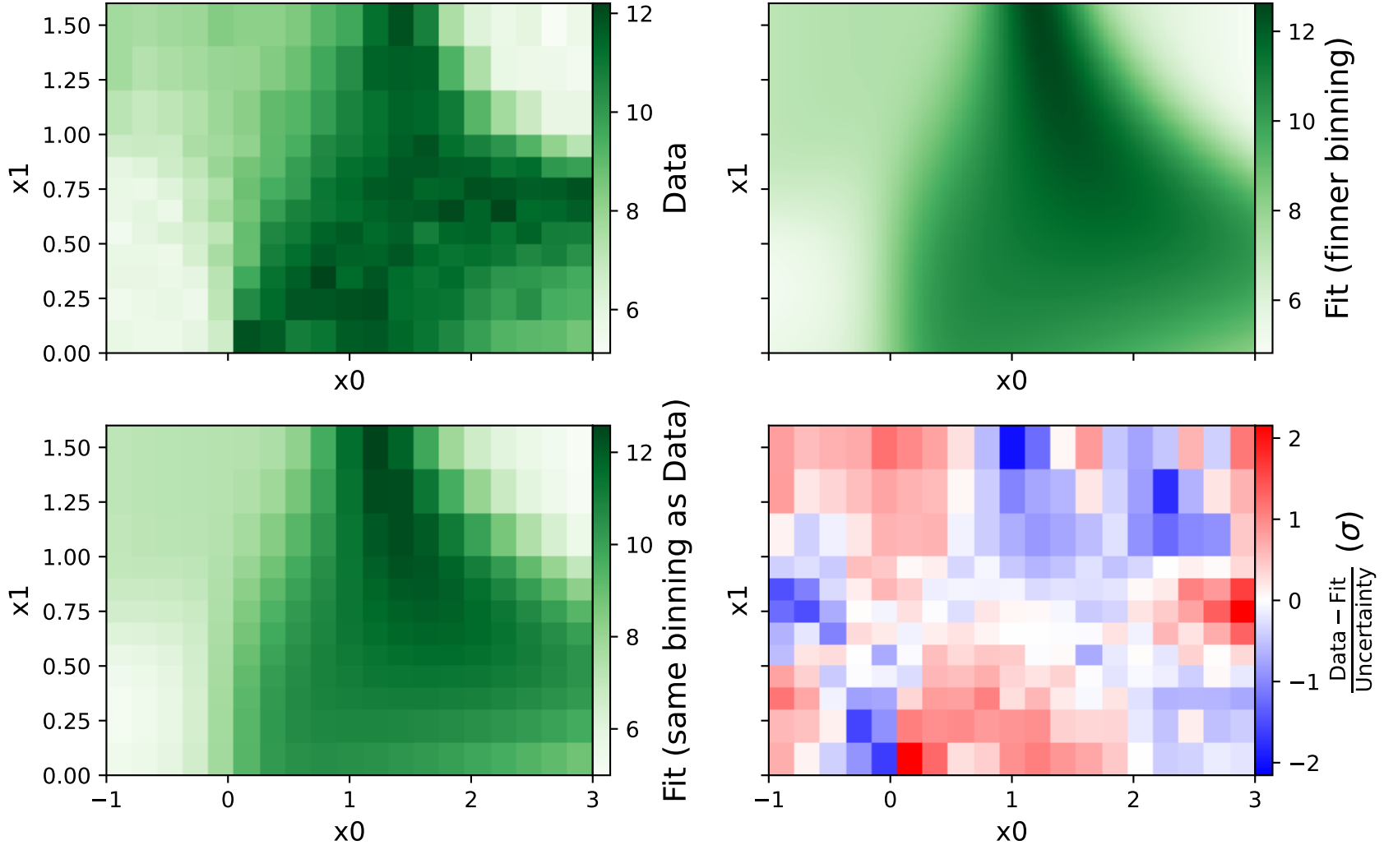
Candidate function #29

a3*x0**2 + a7 + (a4 + a6*tanh(3*x0) + a6*tanh(x0*x1))*gauss(a5*x1*(a1 + a2*x1 + x0*x1))

$a1 = -0.836867^{+0.1065(12.7\%)}_{-0.1062(12.7\%)}$, $a2 = -0.679251^{+0.09115(13.4\%)}_{-0.09034(13.3\%)}$,
$a3 = -0.277943^{+0.01857(6.68\%)}_{-0.0186(6.69\%)}$, $a4 = 0.90157^{+0.1101(12.2\%)}_{-0.1099(12.2\%)}$,
$a5 = 0.854124^{+0.02749(3.22\%)}_{-0.02676(3.13\%)}$, $a6 = 2.45483^{+0.05894(2.4\%)}_{-0.05826(2.37\%)}$,
$a7 = 7.32269^{+0.08065(1.1\%)}_{-0.08117(1.11\%)}$

***Candidate #29***

$\chi^2$/NDF = 99.4/221, RMSE = 0.6193, R2 = 0.9192



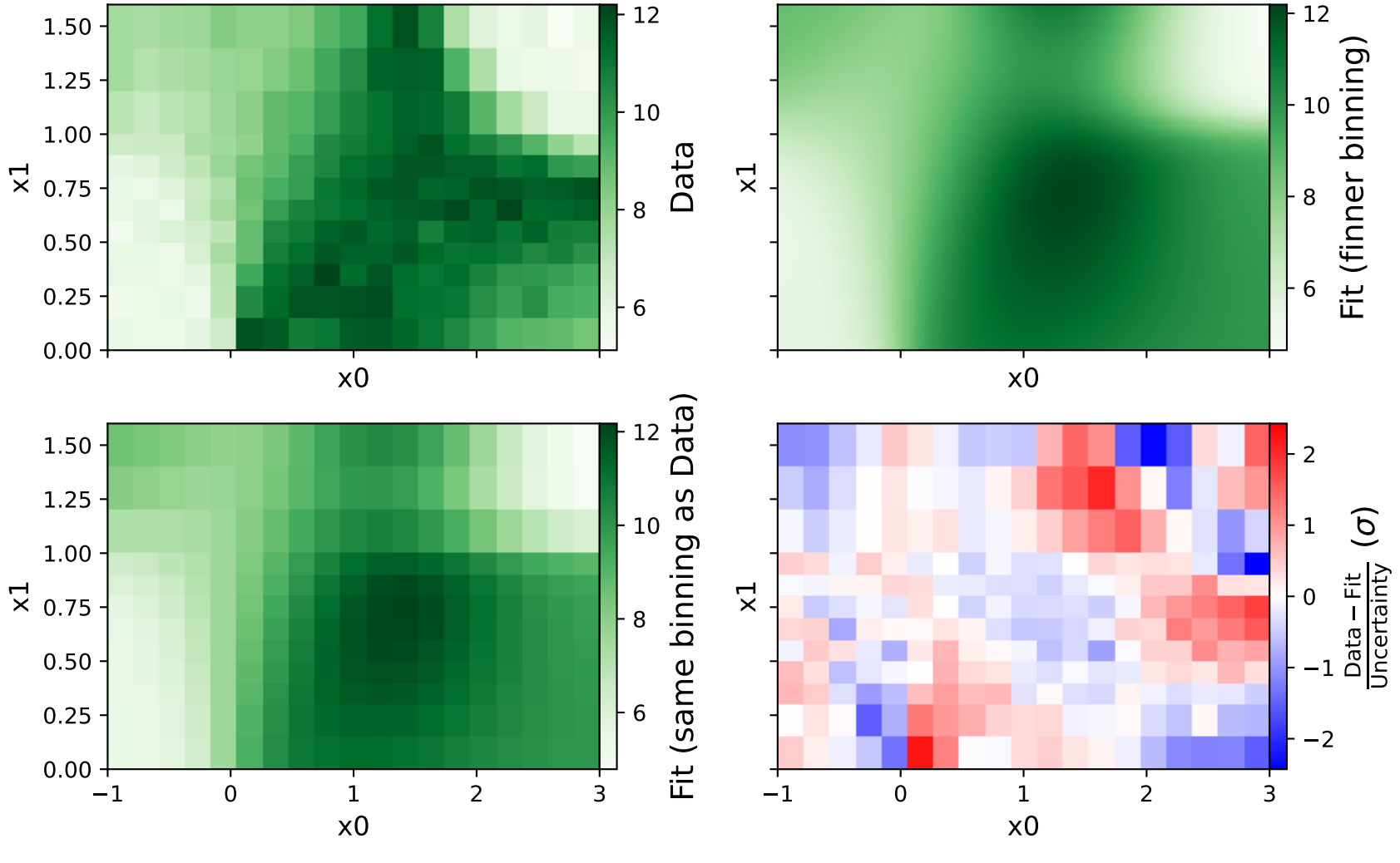
Candidate function #28

a6 + (a3*x0 + a5)*tanh(3*x0*(a2*x1 + a4)) + (x0*tanh(x1) + gauss(x0) + exp(x1))*gauss(a1 + x0) + gauss(x1)

$a1 = -1.23068^{+0.02034(1.65\%)}_{-0.02026(1.65\%)}$, $a2 = -1.10008^{+0.1017(9.25\%)}_{-0.114(10.4\%)}$,
$a3 = 0.0702$, $a4 = 1.15156^{+0.1198(10.4\%)}_{-0.106(9.21\%)}$,
$a5 = 2.14358^{+0.07559(3.53\%)}_{-0.07328(3.42\%)}$, $a6 = 6.58284^{+0.04125(0.627\%)}_{-0.04132(0.628\%)}$

***Candidate #28***

$\chi^2$/NDF = 109.6/223, RMSE = 0.6706, R2 = 0.9052



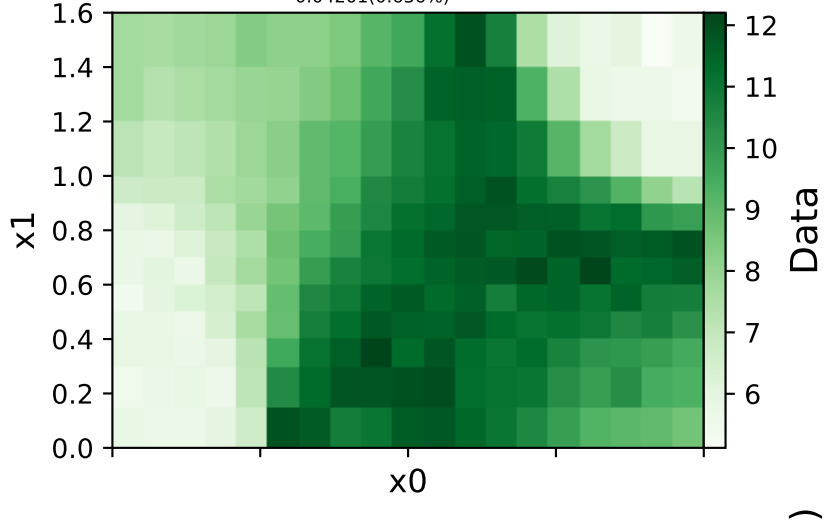
Candidate function #27

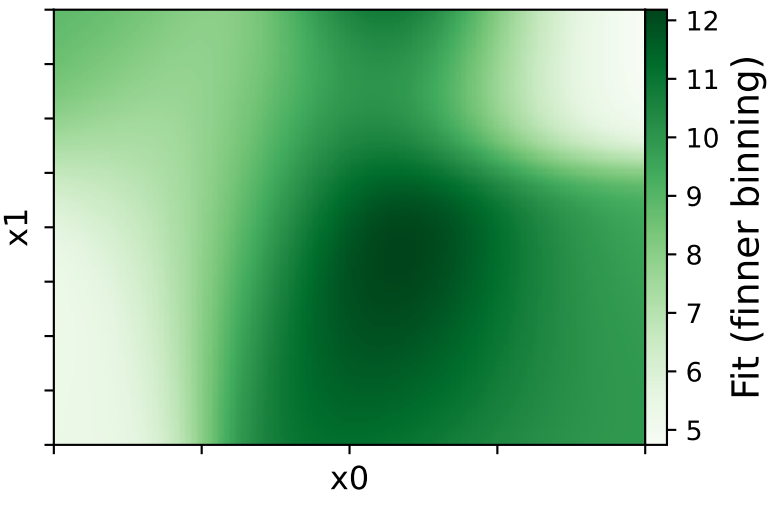
a4*tanh(3*x0*(a2*x1 + a3)) + a5 + (x0*tanh(x1) + gauss(x0) + exp(x1))*gauss(a1 + x0) + gauss(x1)

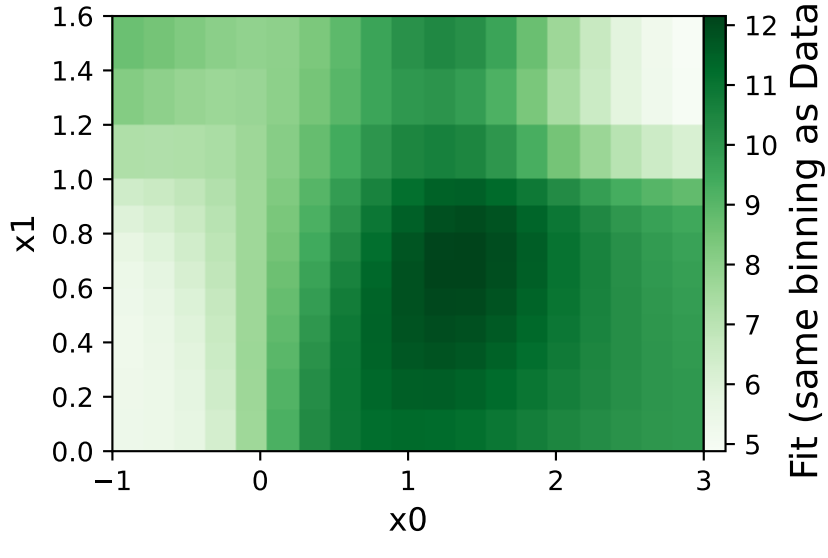
$a1 = -1.2285^{+0.0205(1.67\%)}_{-0.02042(1.66\%)}$, $a2 = -1.02093^{+0.09408(9.21\%)}_{-0.1051(10.3\%)}$,
$a3 = 1.06671^{+0.1094(10.3\%)}_{-0.09733(9.12\%)}$, $a4 = 2.26873^{+0.08014(3.53\%)}_{-0.07749(3.42\%)}$,
$a5 = 6.60065^{+0.04191(0.635\%)}_{-0.04201(0.636\%)}$

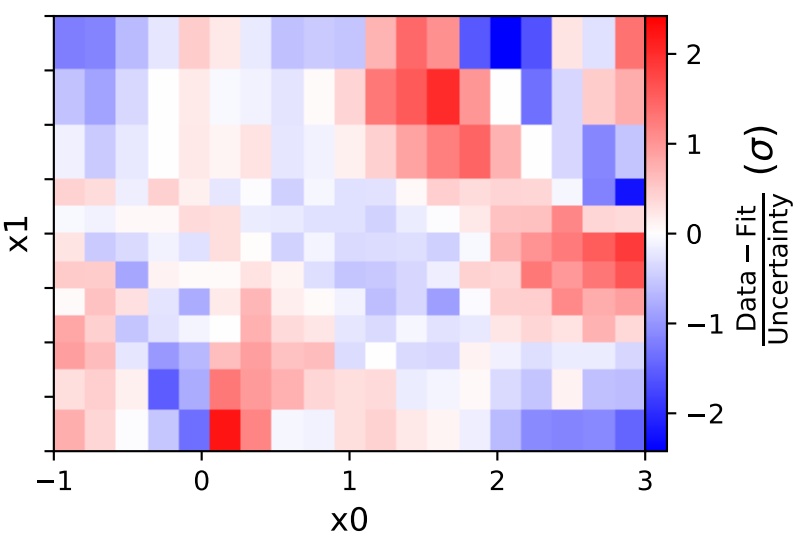
***Candidate #27***

$\chi^2$/NDF = 111.8/223, RMSE = 0.674, R2 = 0.9043



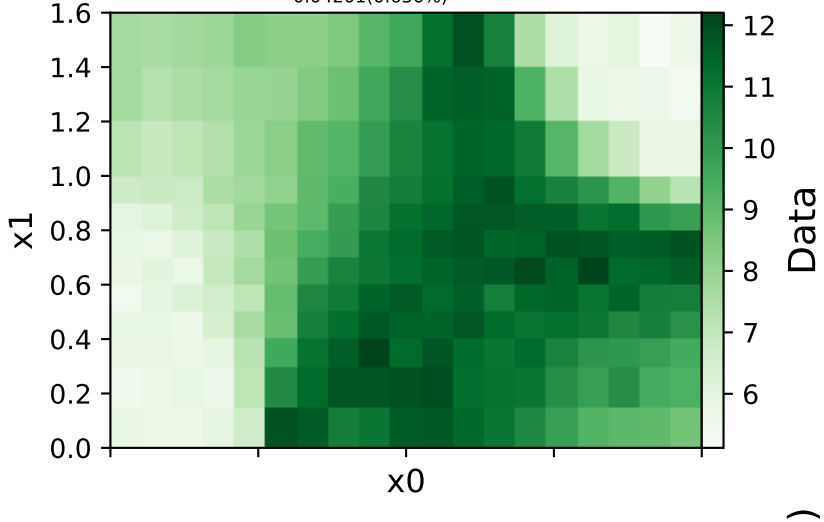
Candidate function #26

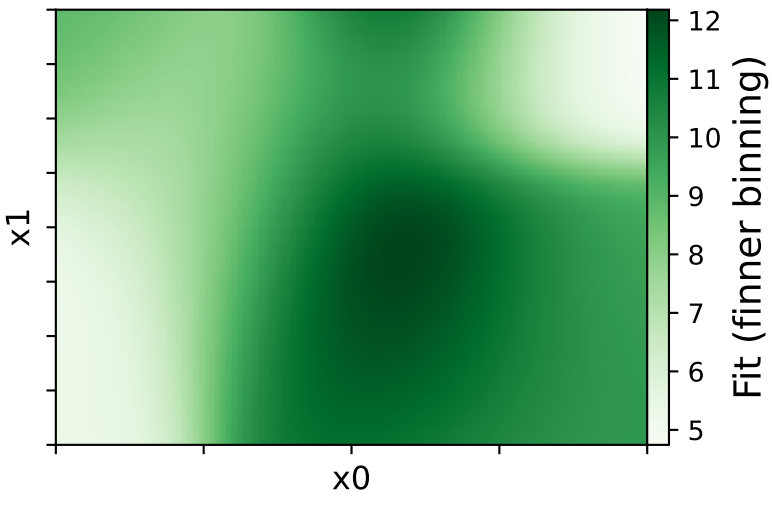
a4*tanh(3*x0*(a2*x1 + a3)) + a5 + (x0*tanh(x1) + gauss(x0) + exp(x1))*gauss(a1 + x0) + gauss(x1)

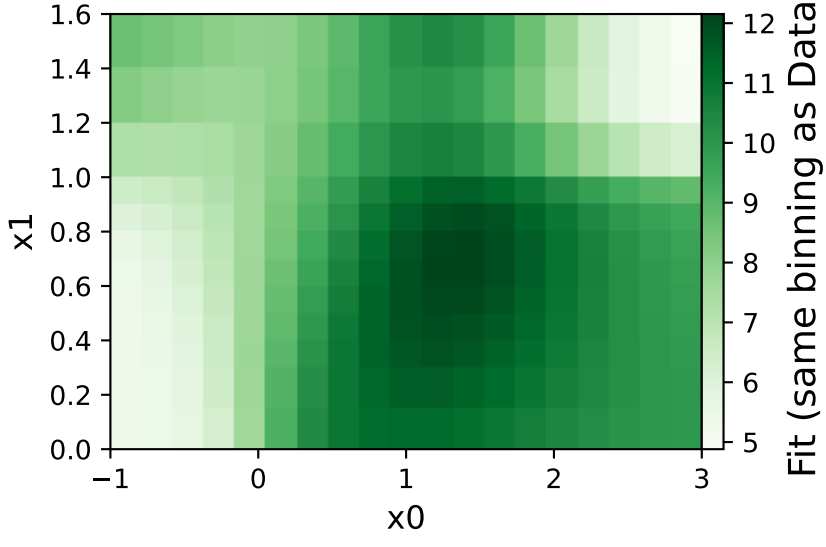
$a1 = -1.2285^{+0.0205(1.67\%)}_{-0.02042(1.66\%)}$, $a2 = -1.02093^{+0.09408(9.22\%)}_{-0.1051(10.3\%)}$,
$a3 = 1.06672^{+0.1094(10.3\%)}_{-0.09733(9.12\%)}$, $a4 = 2.26873^{+0.08015(3.53\%)}_{-0.07749(3.42\%)}$,
$a5 = 6.60065^{+0.04191(0.635\%)}_{-0.04201(0.636\%)}$

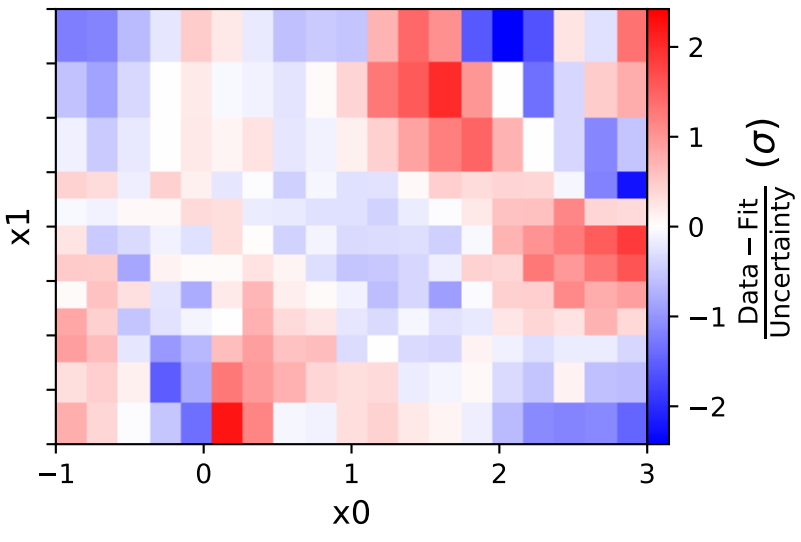
***Candidate #26***

$\chi^2$/NDF = 111.8/223, RMSE = 0.674, R2 = 0.9043



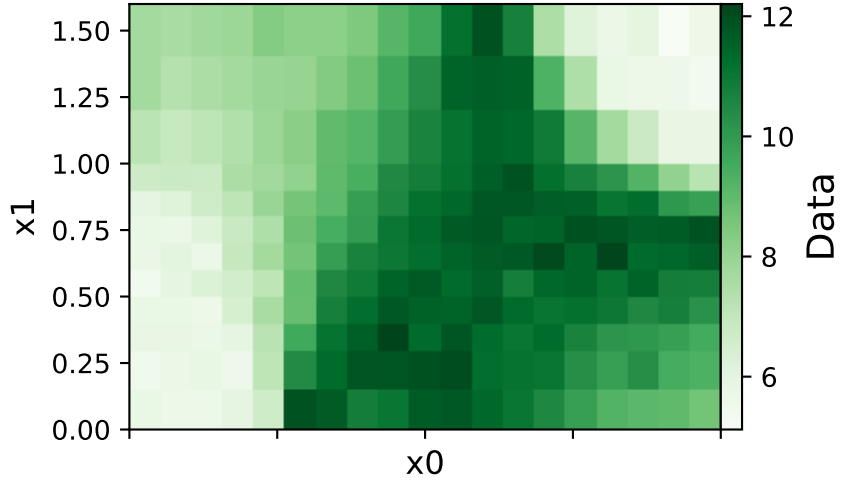
Candidate function #25

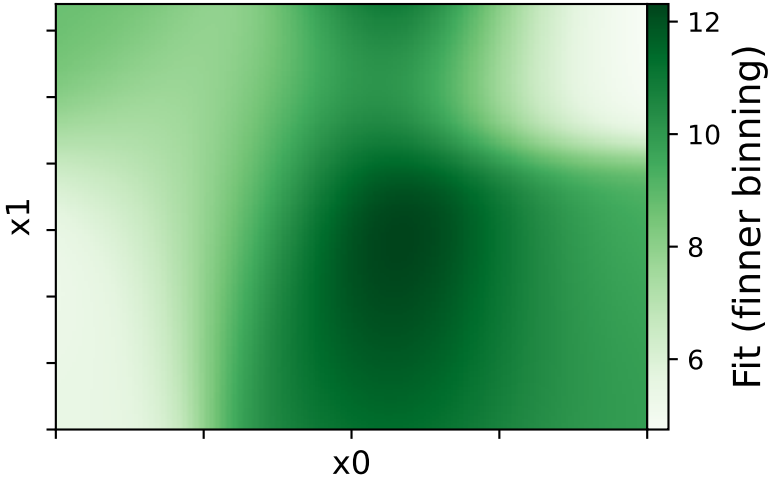
a6*tanh(3*x0*(a2*x1 + a5)) + a7 + (a3 + gauss(a1 + x0))*(a4 + exp(x1) + tanh(x1)) + gauss(x1)

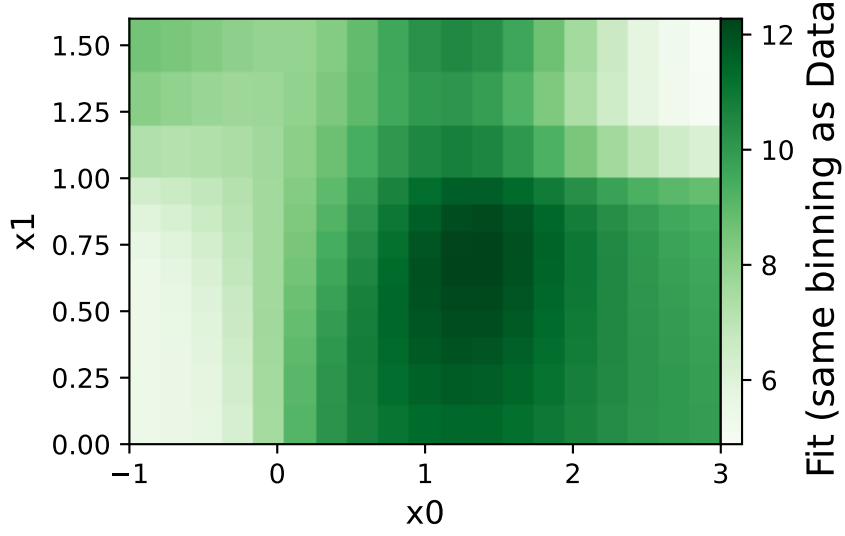
$a1 = -1.2546^{+0.02137(1.7\%)}_{-0.02132(1.7\%)}$, $a2 = -1.11025^{+0.1071(9.65\%)}_{-0.1204(10.8\%)}$,
$a3 = -0.0207$, $a4 = 0.52445^{+0.1507(28.7\%)}_{-0.1505(28.7\%)}$,
$a5 = 1.16494^{+0.1269(10.9\%)}_{-0.112(9.62\%)}$, $a6 = 2.16338^{+0.08018(3.71\%)}_{-0.07791(3.6\%)}$,
$a7 = 6.66394^{+0.0598(0.897\%)}_{-0.05981(0.897\%)}$

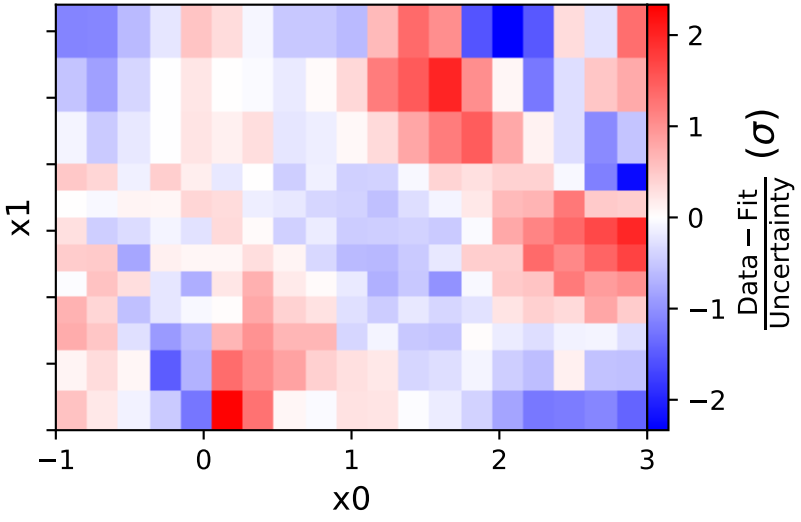
***Candidate #25***

$\chi^2$/NDF = 115.2/222, RMSE = 0.6993, R2 = 0.8969



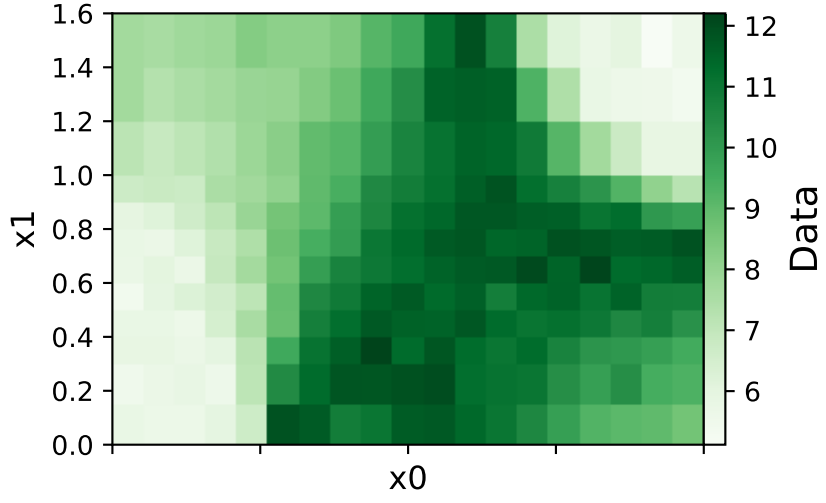
Candidate function #24

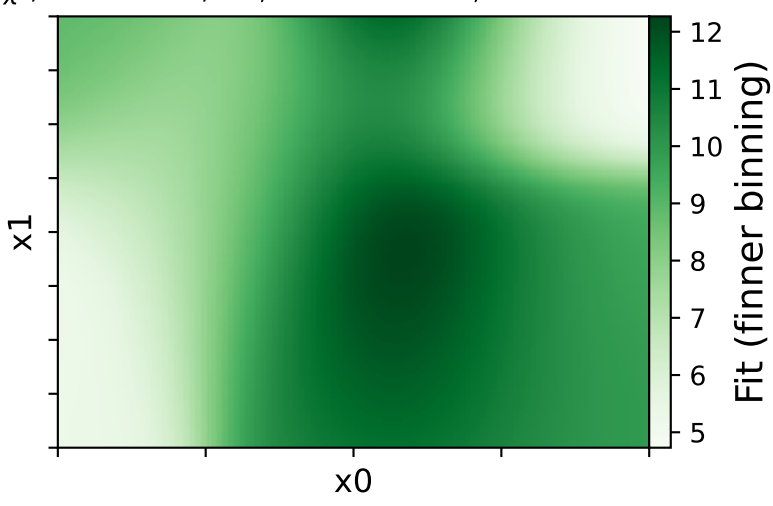
a5*tanh(3*x0*(a2*x1 + a4)) + a6 + (a3 + x1 + exp(x1))*gauss(a1 + x0) + gauss(x1)

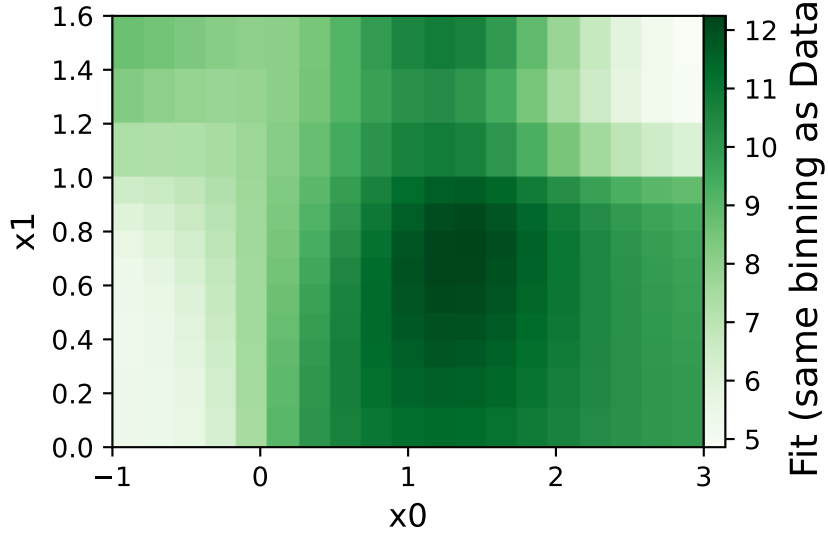
$a1 = -1.25455^{+0.02114(1.68\%)}_{-0.02109(1.68\%)}$, $a2 = -1.06062^{+0.09726(9.17\%)}_{-0.1088(10.3\%)}$,
$a3 = 0.32$, $a4 = 1.10742^{+0.1136(10.3\%)}_{-0.1009(9.11\%)}$,
$a5 = 2.27195^{+0.07962(3.5\%)}_{-0.07715(3.4\%)}$, $a6 = 6.59865^{+0.04272(0.647\%)}_{-0.0428(0.649\%)}$

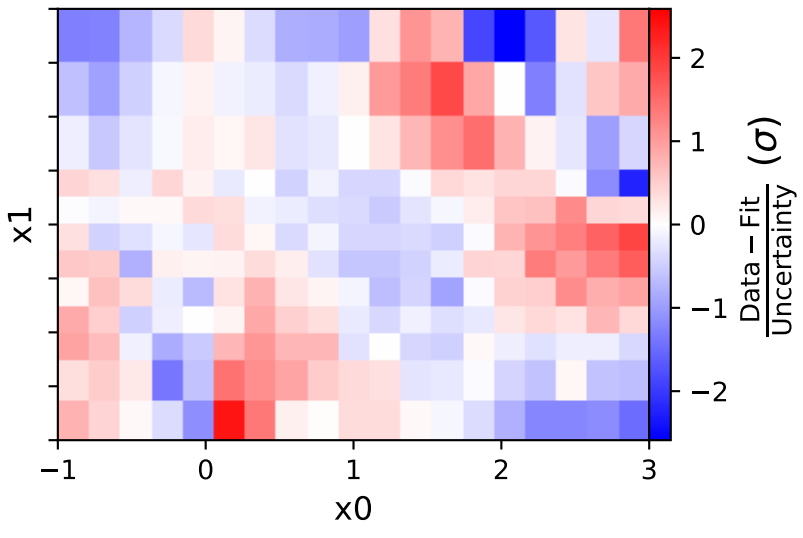
***Candidate #24***

$\chi^2$/NDF = 117.0/223, RMSE = 0.6904, R2 = 0.8995



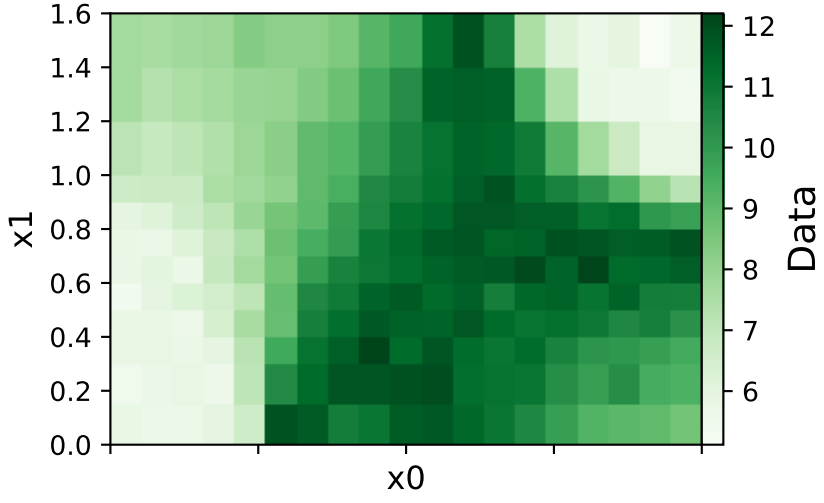
Candidate function #23

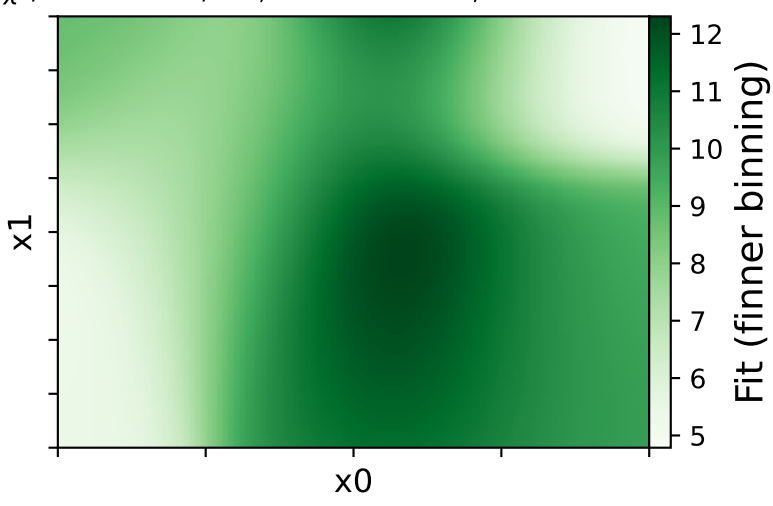
a5*tanh(3*x0*(a2*x1 + a4)) + a6 + (a3 + exp(x1) + tanh(x1))*gauss(a1 + x0) + gauss(x1)

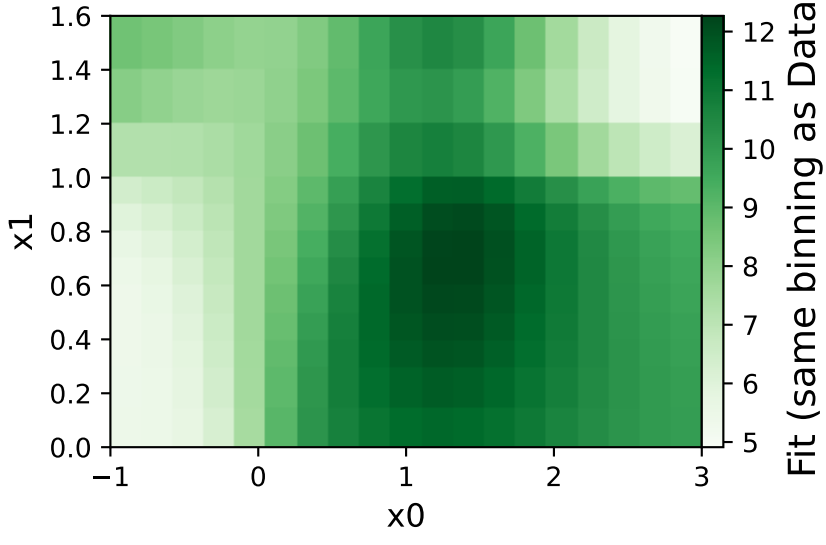
$a1 = -1.25381^{+0.02146(1.71\%)}_{-0.0214(1.71\%)}$, $a2 = -1.08423^{+0.1044(9.63\%)}_{-0.1173(10.8\%)}$,
$a3 = 0.514239^{+0.1511(29.4\%)}_{-0.151(29.4\%)}$, $a4 = 1.13669^{+0.1234(10.9\%)}_{-0.1091(9.6\%)}$,
$a5 = 2.188^{+0.08145(3.72\%)}_{-0.07909(3.61\%)}$, $a6 = 6.59445^{+0.06224(0.944\%)}_{-0.06225(0.944\%)}$

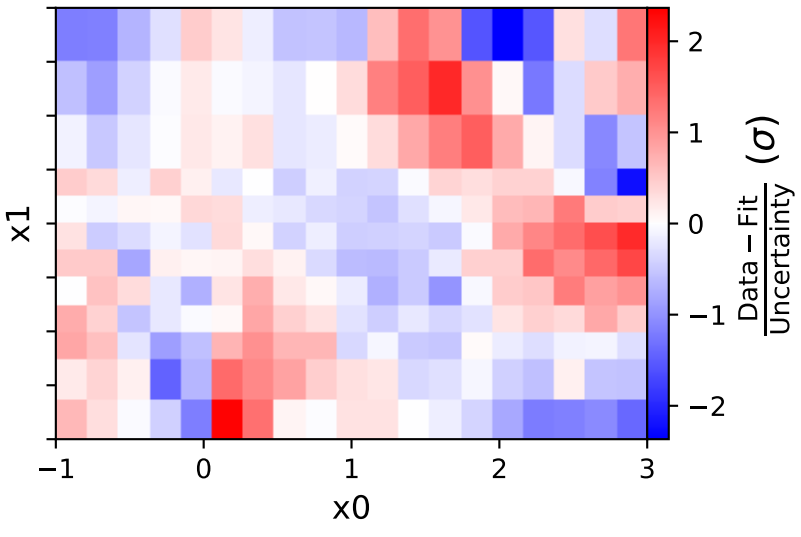
***Candidate #23***

$\chi^2$/NDF = 115.8/222, RMSE = 0.6995, R2 = 0.8969



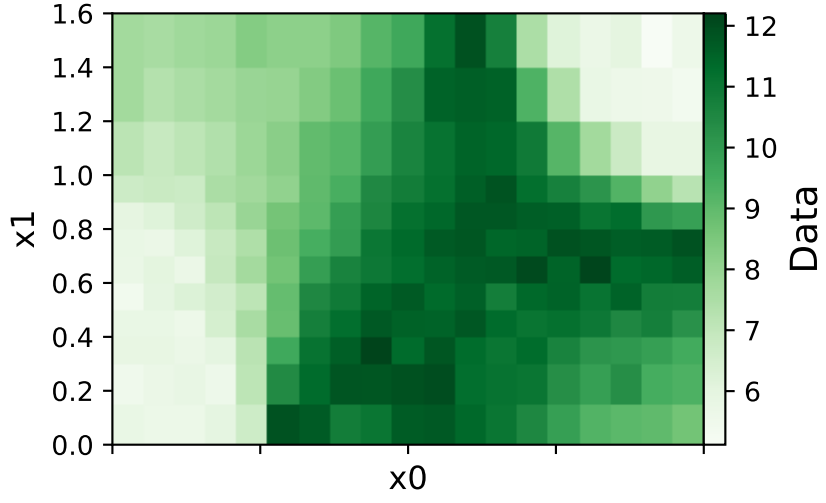
Candidate function #22

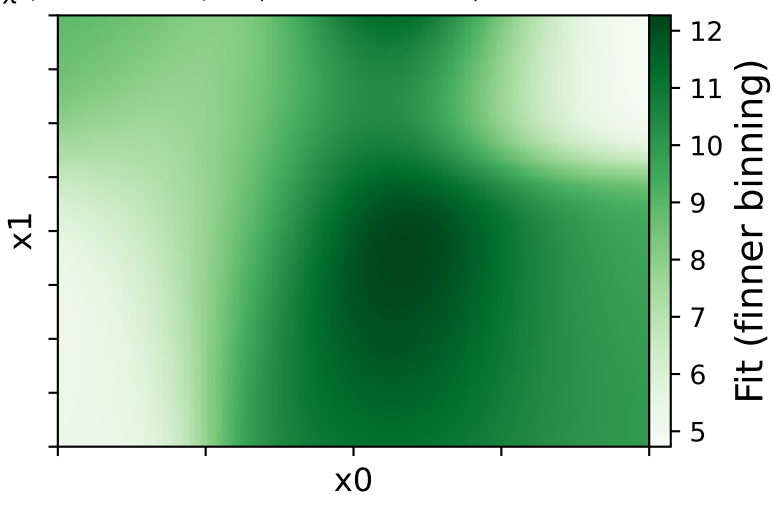
a5*tanh(3*x0*(a2*x1 + a4)) + a6 + (a3 + x1 + exp(x1))*gauss(a1 + x0) + gauss(x1)

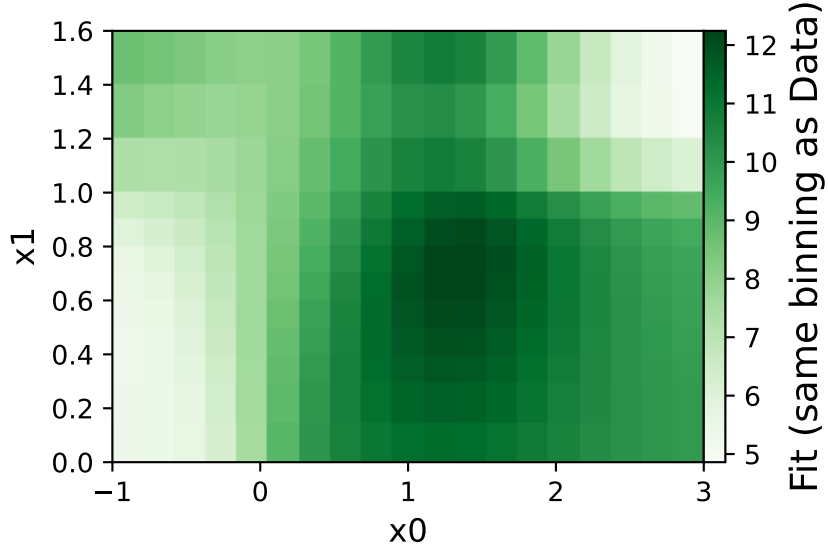
$a1 = -1.25455^{+0.02114(1.68\%)}_{-0.02109(1.68\%)}$, $a2 = -1.06061^{+0.09726(9.17\%)}_{-0.1088(10.3\%)}$,
$a3 = 0.32$, $a4 = 1.10742^{+0.1136(10.3\%)}_{-0.1009(9.11\%)}$,
$a5 = 2.27195^{+0.07962(3.5\%)}_{-0.07715(3.4\%)}$, $a6 = 6.59865^{+0.04272(0.647\%)}_{-0.0428(0.649\%)}$

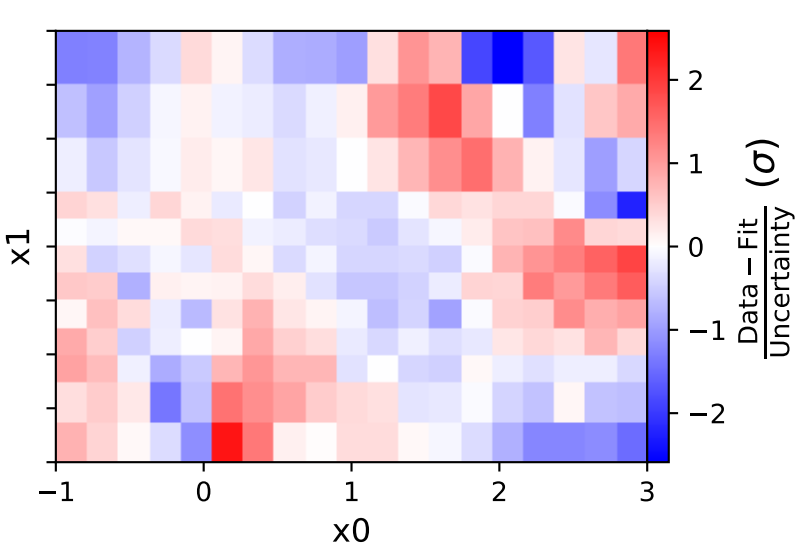
***Candidate #22***

$\chi^2$/NDF = 117.0/223, RMSE = 0.6904, R2 = 0.8995



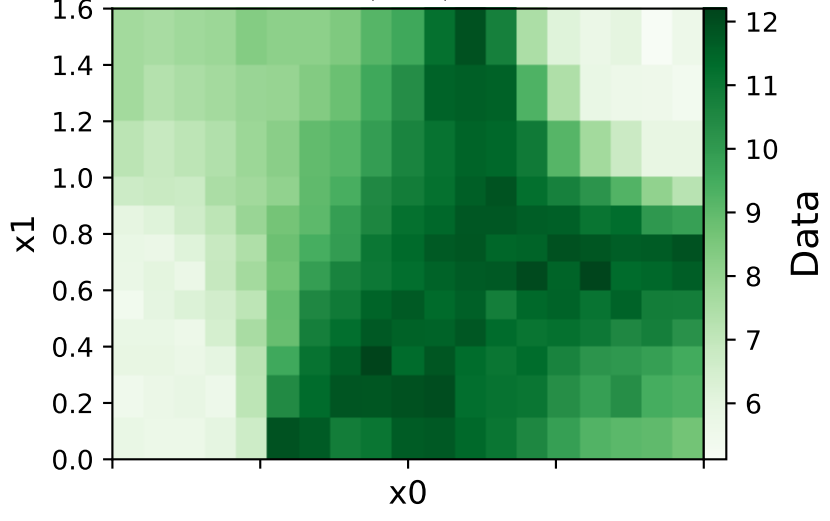
Candidate function #21

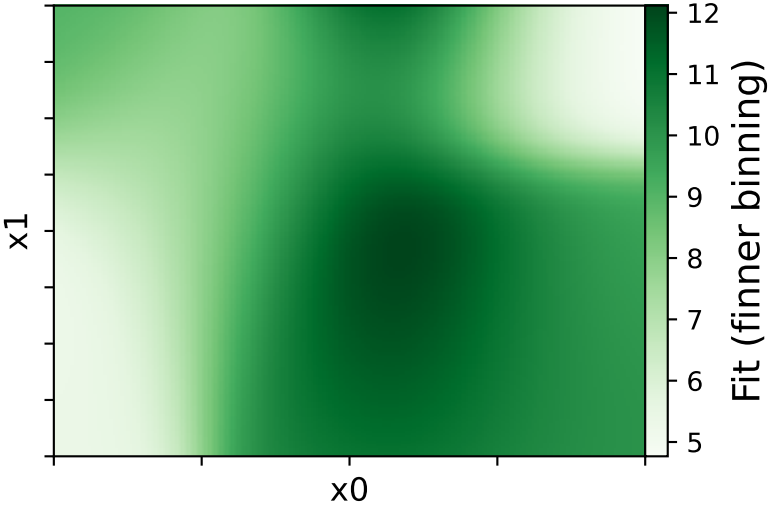
a4*tanh(3*x0*(a2*x1 + a3)) + a5 + (x1 + exp(x1))*gauss(a1 + x0) + gauss(x1)

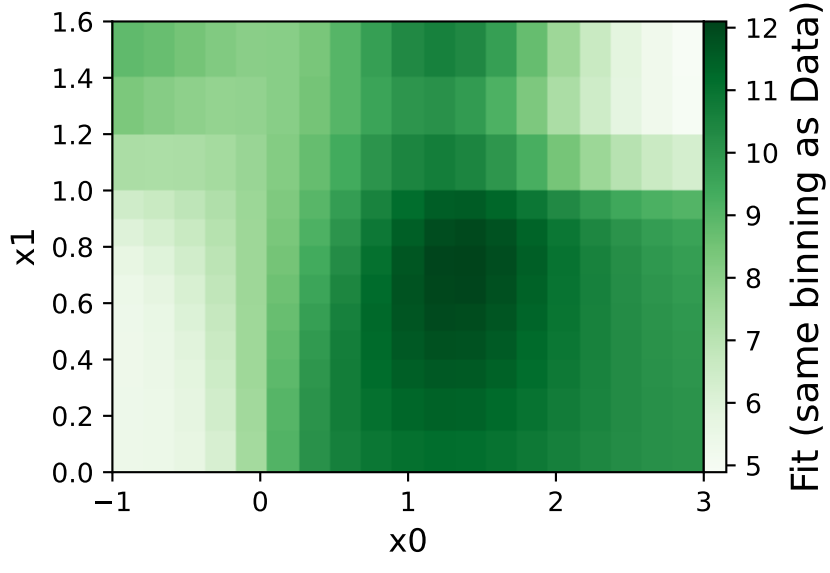
$a1 = -1.2546^{+0.02235(1.78\%)}_{-0.0223(1.78\%)}$, $a2 = -1.07849^{+0.09927(9.2\%)}_{-0.1114(10.3\%)}$,
$a3 = 1.13532^{+0.1173(10.3\%)}_{-0.1038(9.14\%)}$, $a4 = 2.31605^{+0.07991(3.45\%)}_{-0.07743(3.34\%)}$,
$a5 = 6.69462^{+0.04302(0.643\%)}_{-0.04312(0.644\%)}$

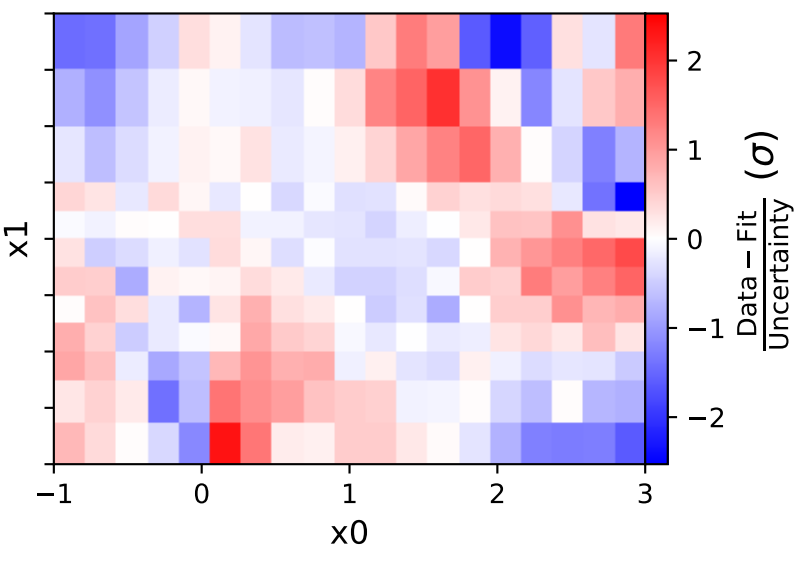
***Candidate #21***

$\chi^2$/NDF = 118.6/223, RMSE = 0.6934, R2 = 0.8987



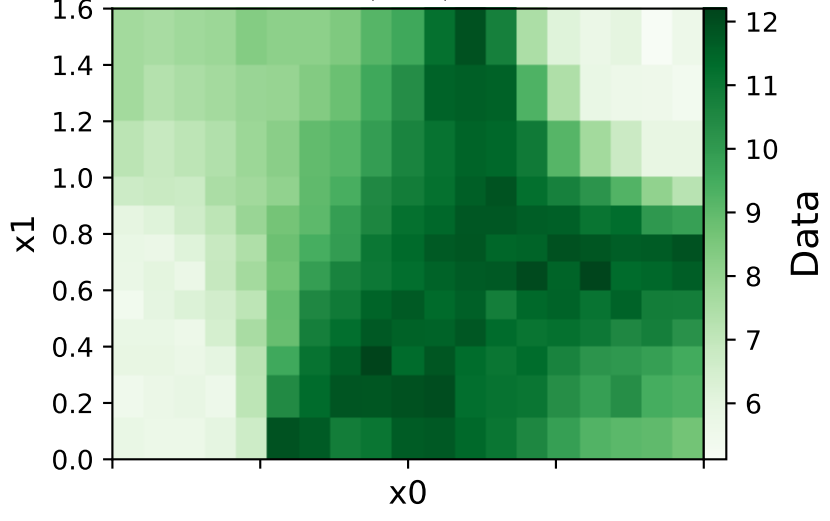
Candidate function #20

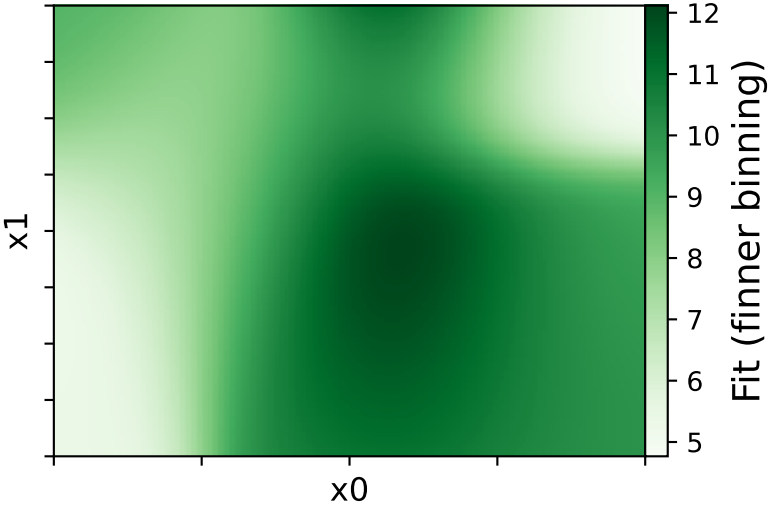
a4*tanh(2*x0*(a2*x1 + a3)) + a5 + (x1 + exp(x1))*gauss(a1 + x0) + gauss(x1)

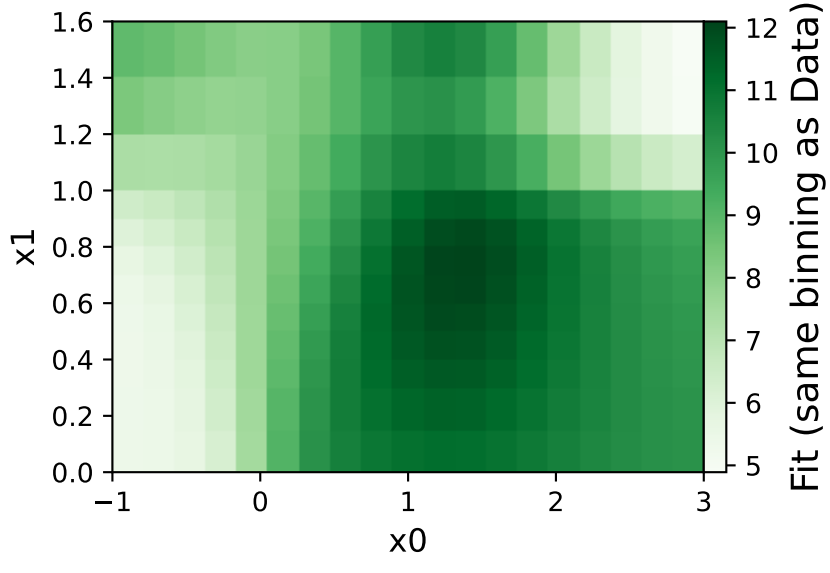
$a1 = -1.2546^{+0.02235(1.78\%)}_{-0.0223(1.78\%)}$, $a2 = -1.61771^{+0.1489(9.2\%)}_{-0.1671(10.3\%)}$,
$a3 = 1.70295^{+0.176(10.3\%)}_{-0.1557(9.14\%)}$, $a4 = 2.31607^{+0.0799(3.45\%)}_{-0.07744(3.34\%)}$,
$a5 = 6.69462^{+0.04302(0.643\%)}_{-0.04311(0.644\%)}$

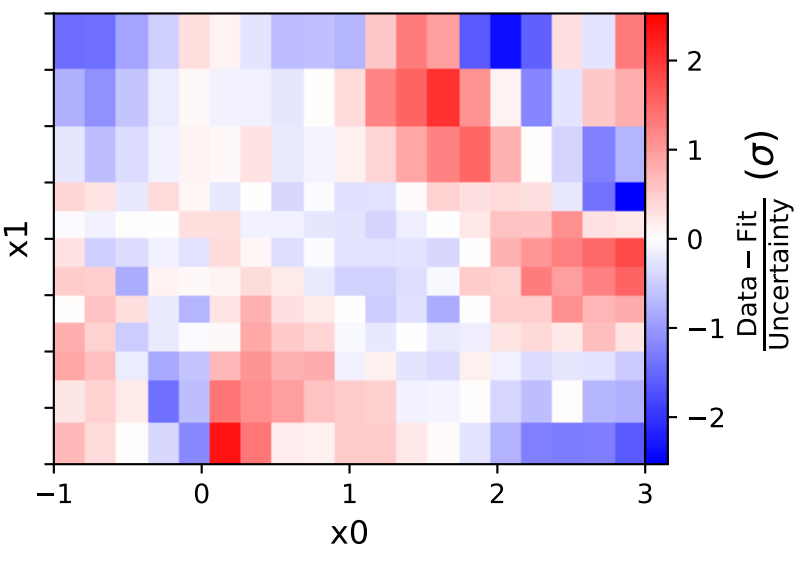
***Candidate #20***

$\chi^2$/NDF = 118.6/223, RMSE = 0.6934, R2 = 0.8987



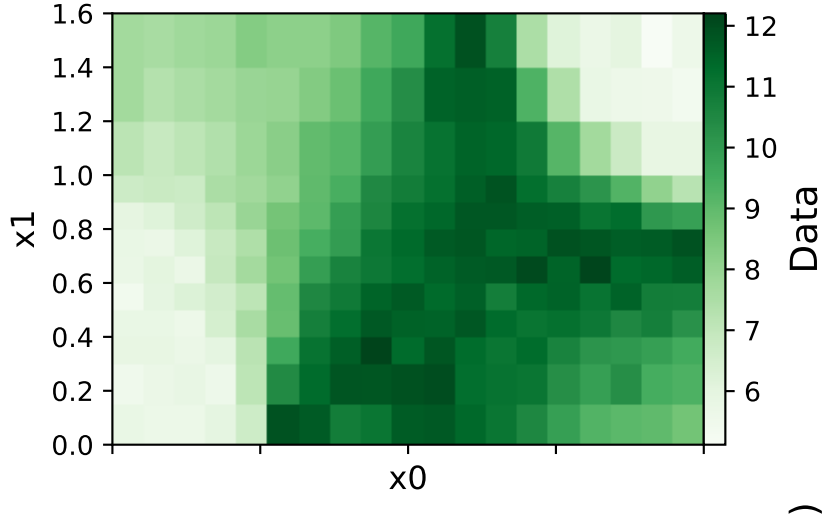
Candidate function #19

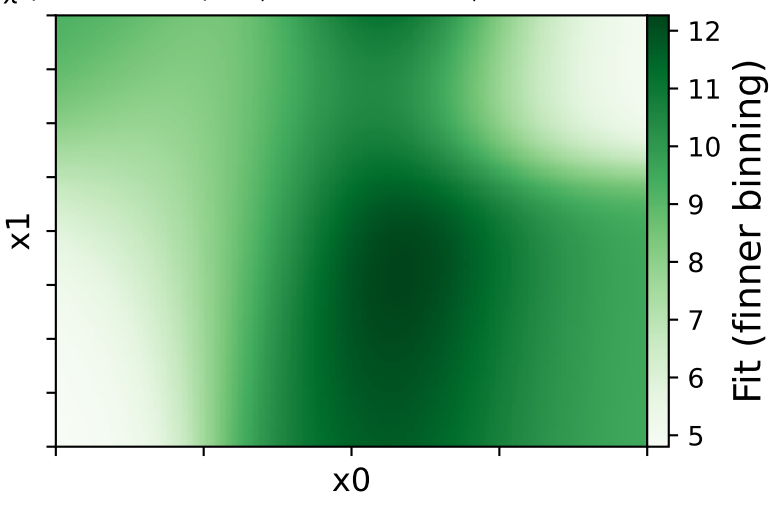
a5*tanh(2*x0*(a2*x1 + a3)) + a6 + (-a1 + exp(x1))*gauss(a1 + x0)

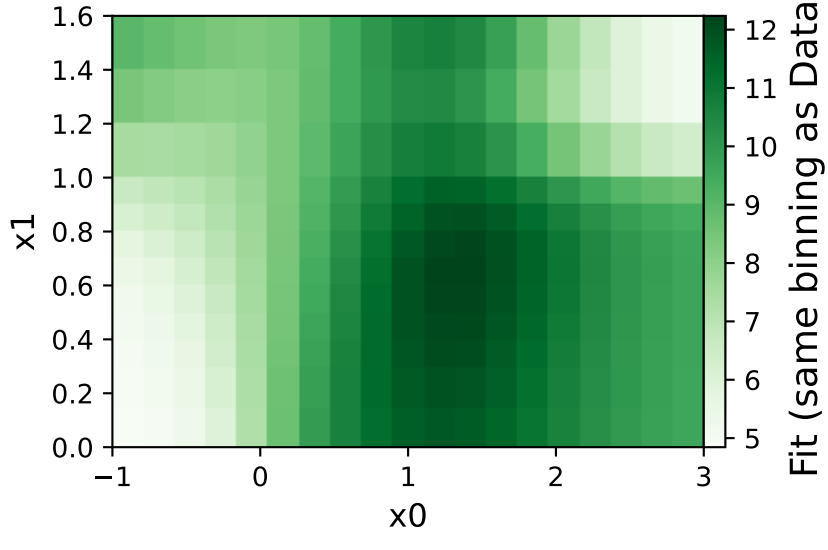
$a1 = -1.23717^{+0.02333(1.89\%)}_{-0.0231(1.87\%)}$, $a2 = -1.28767^{+0.1354(10.5\%)}_{-0.1543(12.0\%)}$,
$a3 = 1.33531^{+0.1588(11.9\%)}_{-0.1387(10.4\%)}$, $a4 = 1.26$,
$a5 = 2.34169^{+0.1012(4.32\%)}_{-0.09654(4.12\%)}$, $a6 = 7.10667^{+0.04735(0.666\%)}_{-0.04749(0.668\%)}$

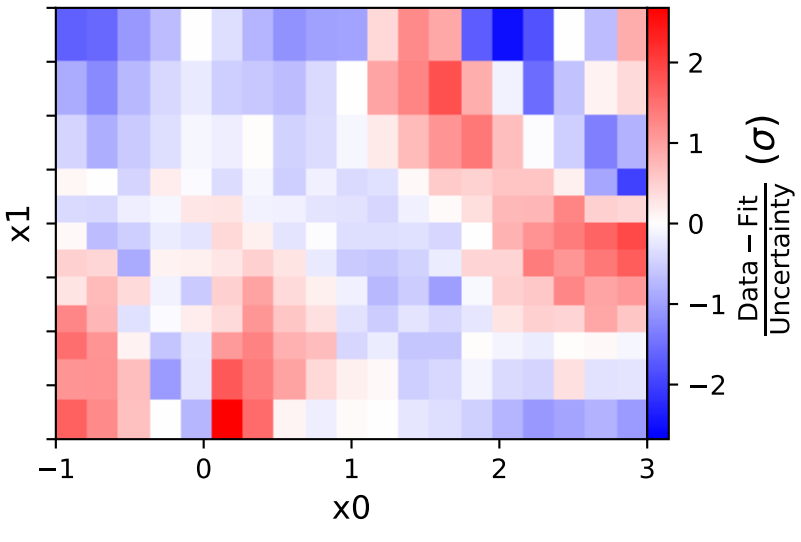
***Candidate #19***

$\chi^2$/NDF = 139.4/223, RMSE = 0.7441, R2 = 0.8833



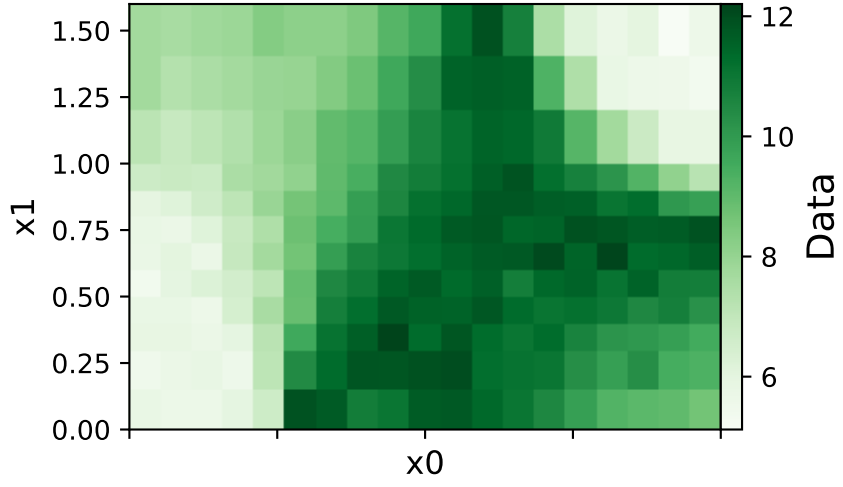
Candidate function #18

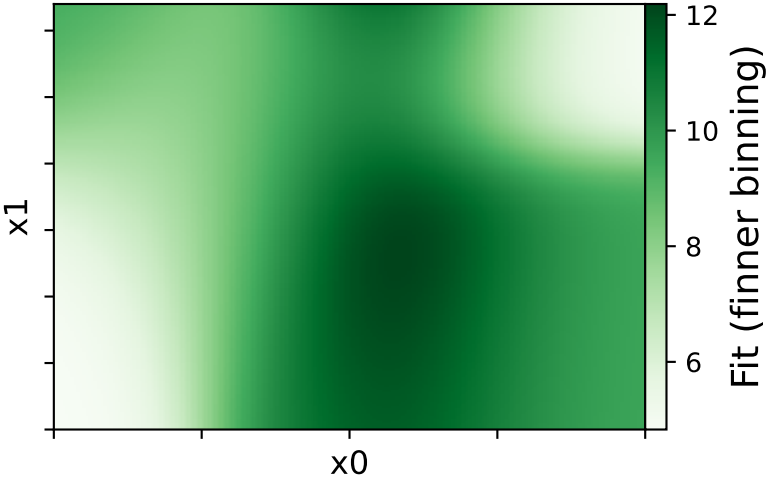
a6*tanh(2*x0*(a2*x1 + a5)) + a7*gauss(a3) + (a4 + exp(x1))*gauss(a1 + x0)

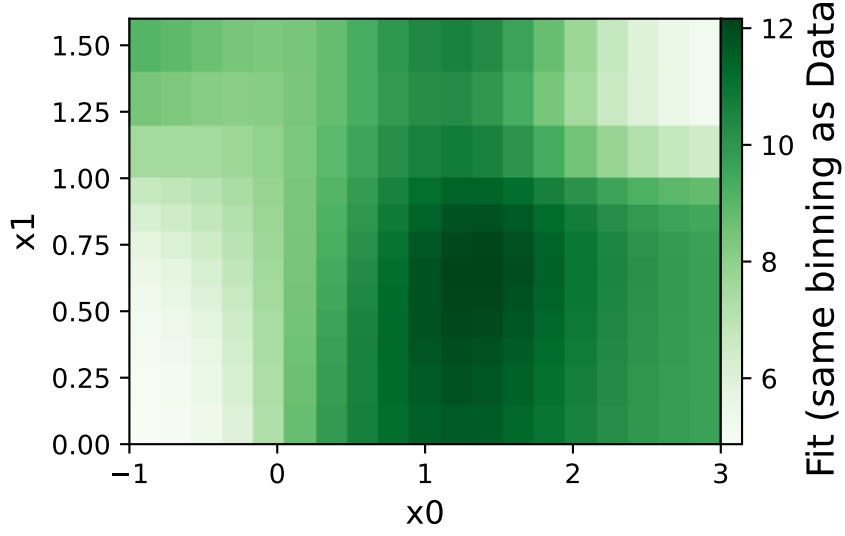
$a1 = -1.24006^{+0.02401(1.94\%)}_{-0.02391(1.93\%)}$, $a2 = -1.30514^{+0.1372(10.5\%)}_{-0.1561(12.0\%)}$,
$a3 = -0.566$, $a4 = 1.07102^{+0.1655(15.5\%)}_{-0.1655(15.5\%)}$,
$a5 = 1.359^{+0.1621(11.9\%)}_{-0.1418(10.4\%)}$, $a6 = 2.36118^{+0.102(4.32\%)}_{-0.09797(4.15\%)}$,
$a7 = 9.85995^{+0.09479(0.961\%)}_{-0.09486(0.962\%)}$

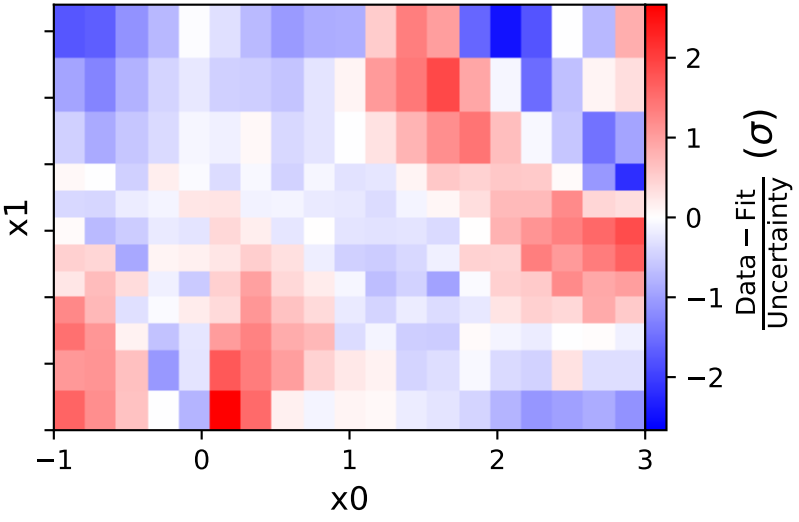
***Candidate #18***

$\chi^2$/NDF = 138.7/222, RMSE = 0.7398, R2 = 0.8846



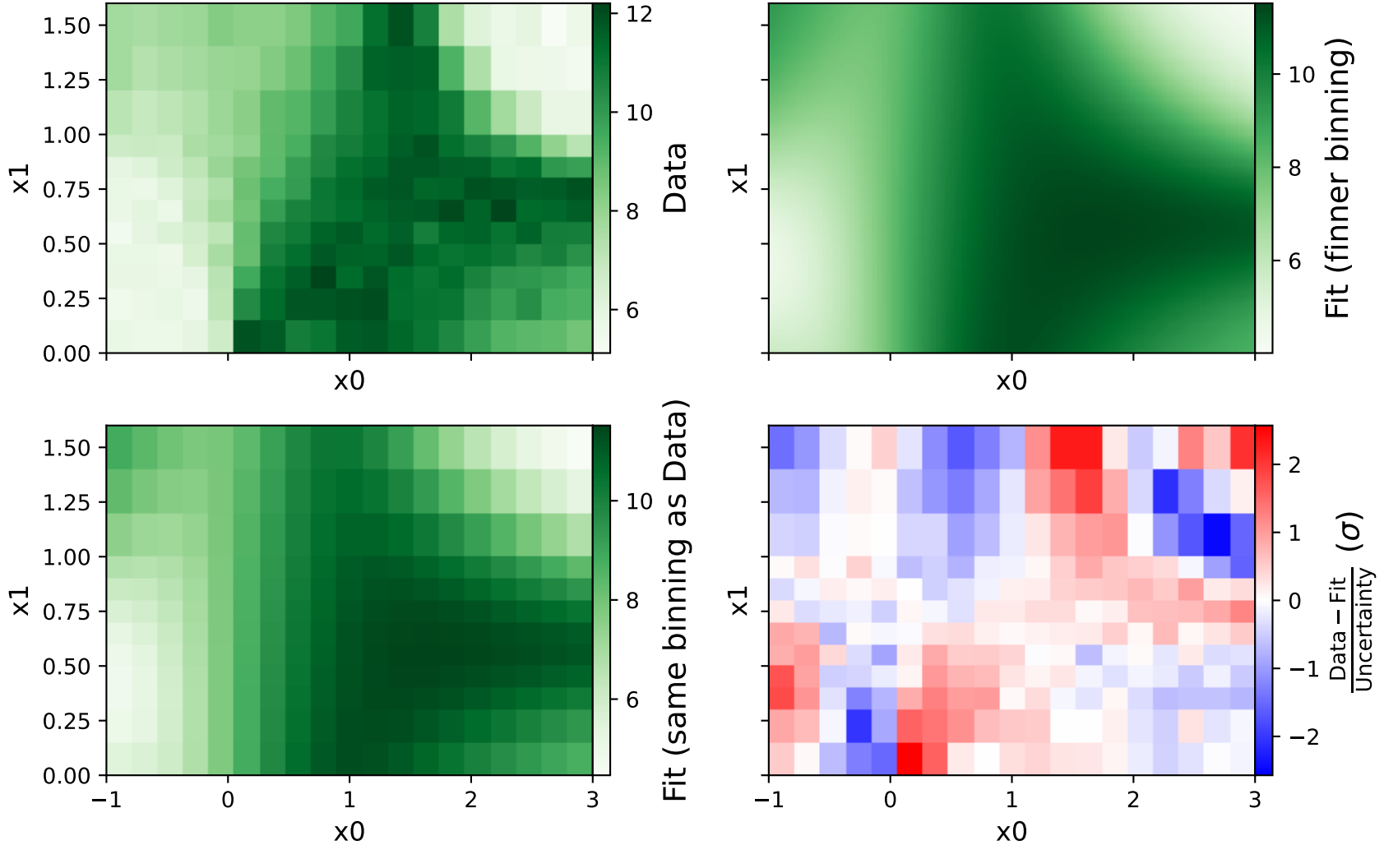
Candidate function #17

a1*x0*x1 + a6*gauss(a4 + (a2 + x0)*(a3 + x1))*tanh(a5*x0) + a7

$a1 = -0.837917^{+0.05103(6.09\%)}_{-0.05187(6.19\%)}$, $a2 = -0.609723^{+0.0729(12.0\%)}_{-0.07186(11.8\%)}$,
$a3 = -0.557334^{+0.02301(4.13\%)}_{-0.02242(4.02\%)}$, $a4 = -0.161079^{+0.03172(19.7\%)}_{-0.03273(20.3\%)}$,
$a5 = 1.15112^{+0.09615(8.35\%)}_{-0.08548(7.43\%)}$, $a6 = 4.58443^{+0.1862(4.06\%)}_{-0.1787(3.9\%)}$,
$a7 = 8.01668^{+0.06291(0.785\%)}_{-0.06239(0.778\%)}$

***Candidate #17***

$\chi^2$/NDF = 136.3/221, RMSE = 0.7049, R2 = 0.8953



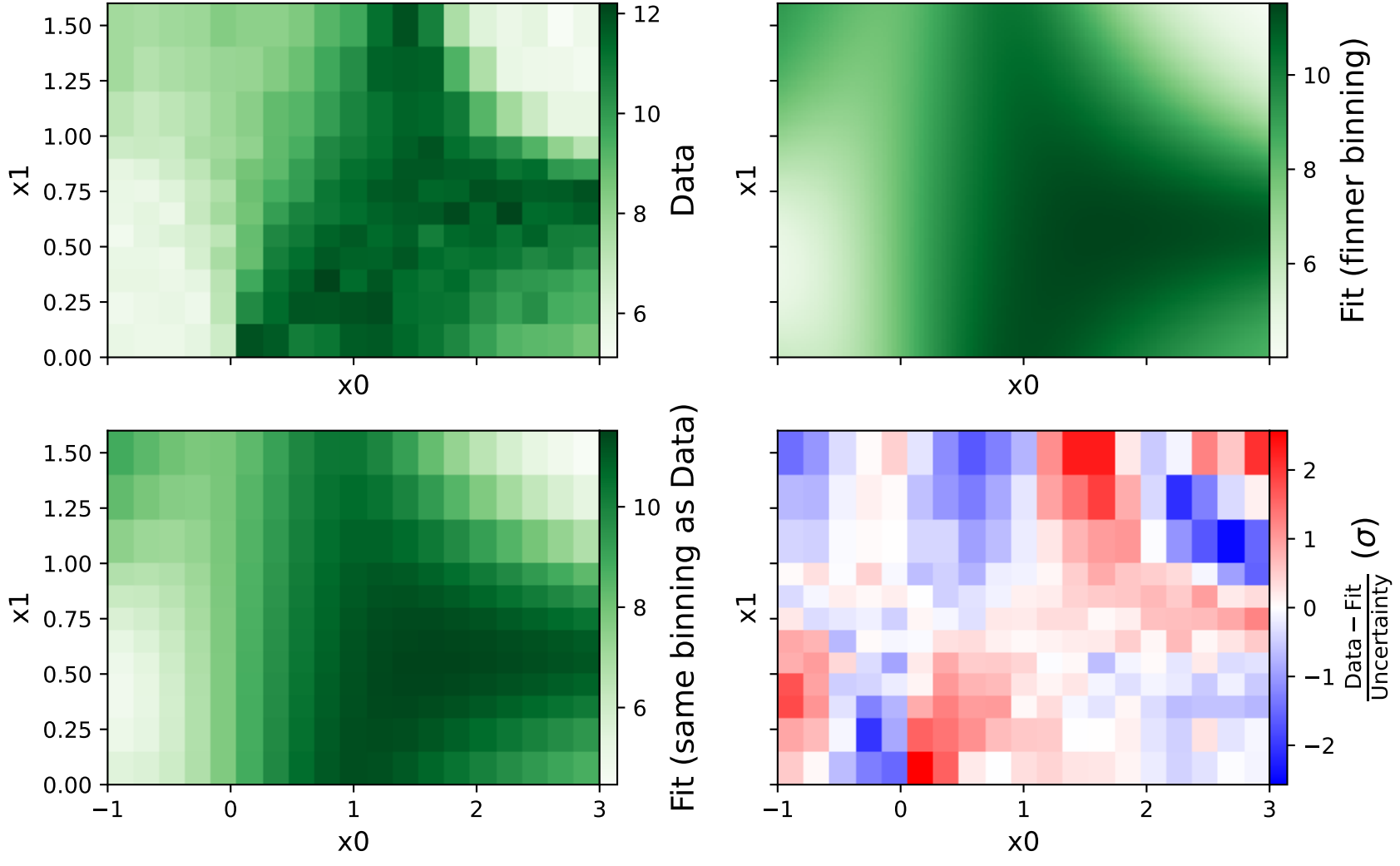
Candidate function #16

a2*x0*x1 + a6*gauss(a4 + (a1 + x0)*(a3 + x1))*tanh(a5*x0) + a7

$a1 = -0.60972^{+0.0729(12.0\%)}_{-0.07186(11.8\%)}$, $a2 = -0.837914^{+0.05103(6.09\%)}_{-0.05187(6.19\%)}$,
$a3 = -0.557333^{+0.02301(4.13\%)}_{-0.02242(4.02\%)}$, $a4 = -0.161077^{+0.03172(19.7\%)}_{-0.03273(20.3\%)}$,
$a5 = 1.15112^{+0.09615(8.35\%)}_{-0.08548(7.43\%)}$, $a6 = 4.58443^{+0.1862(4.06\%)}_{-0.1787(3.9\%)}$,
$a7 = 8.01668^{+0.06291(0.785\%)}_{-0.06239(0.778\%)}$

***Candidate #16***

$\chi^2$/NDF = 136.3/221, RMSE = 0.7049, R2 = 0.8953



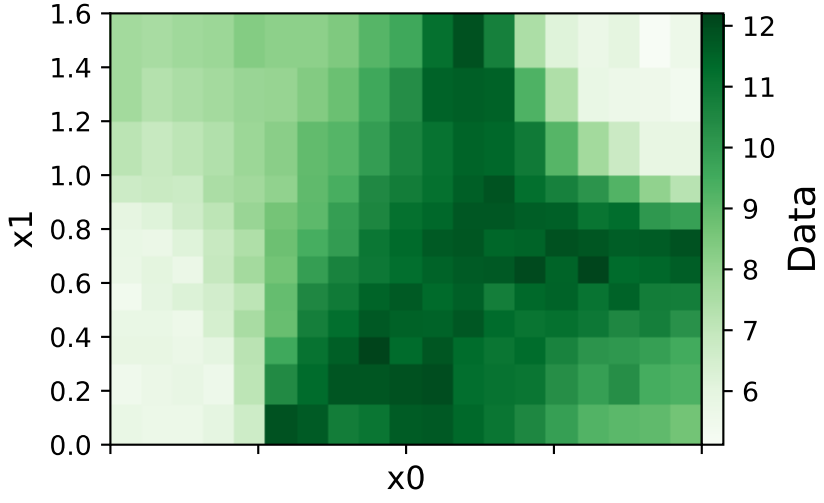
Candidate function #15

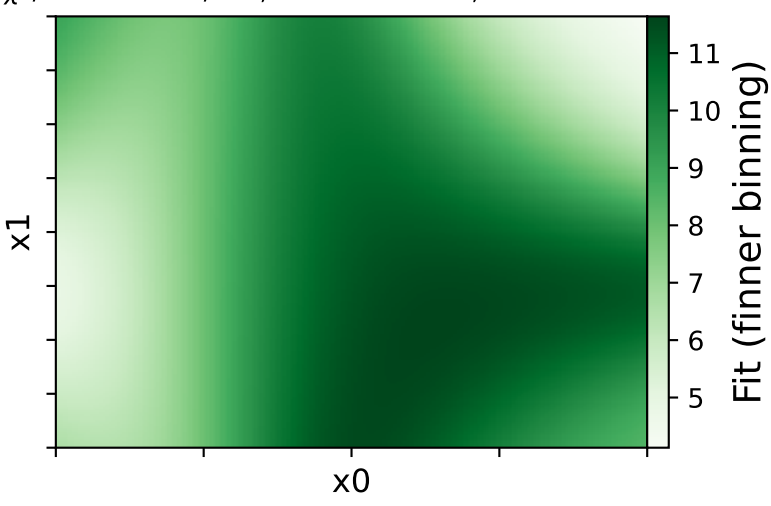
a2*x0*x1 + a5*gauss((a1 + x0)*(a3 + x1))*tanh(a4*x0) + a6

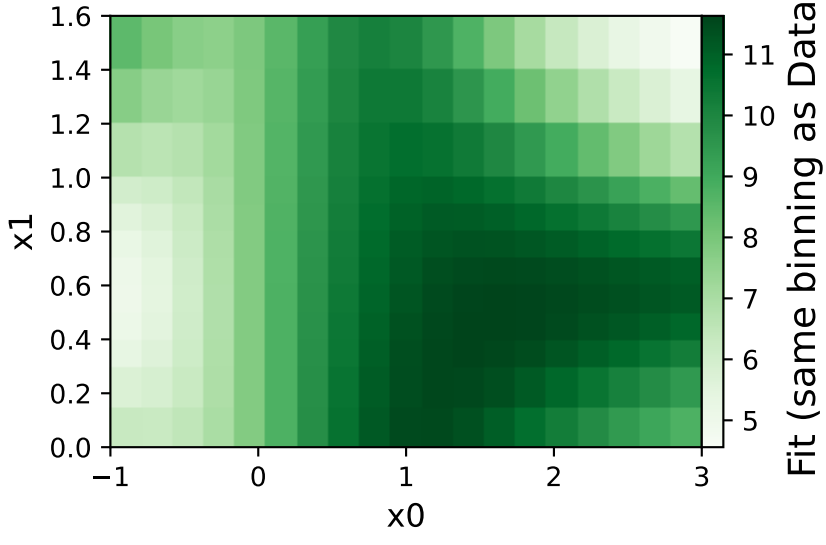
$a1 = -0.586908^{+0.08499(14.5\%)}_{-0.0856(14.6\%)}$, $a2 = -0.819817^{+0.05056(6.17\%)}_{-0.05115(6.24\%)}$,
$a3 = -0.622891^{+0.02049(3.29\%)}_{-0.01944(3.12\%)}$, $a4 = 1.11261^{+0.09384(8.43\%)}_{-0.08389(7.54\%)}$,
$a5 = 4.56644^{+0.1994(4.37\%)}_{-0.1907(4.18\%)}$, $a6 = 8.04347^{+0.06963(0.866\%)}_{-0.06873(0.854\%)}$

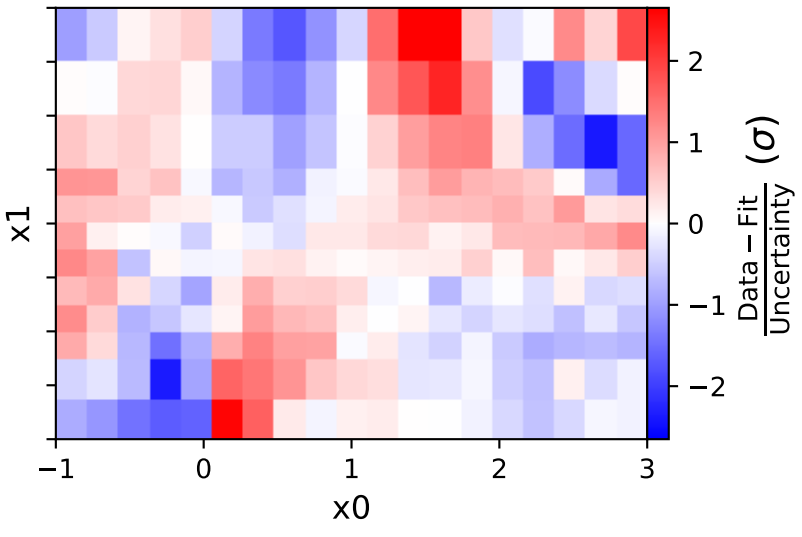
***Candidate #15***

$\chi^2$/NDF = 153.1/222, RMSE = 0.7603, R2 = 0.8782



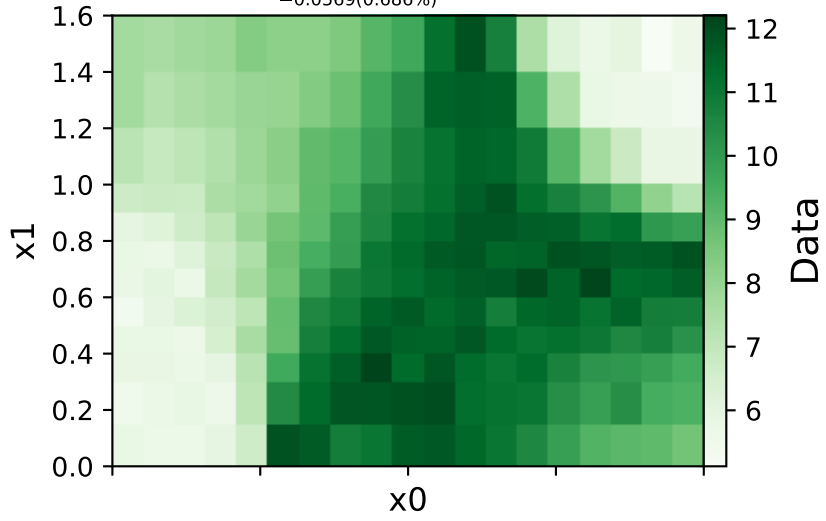
Candidate function #14

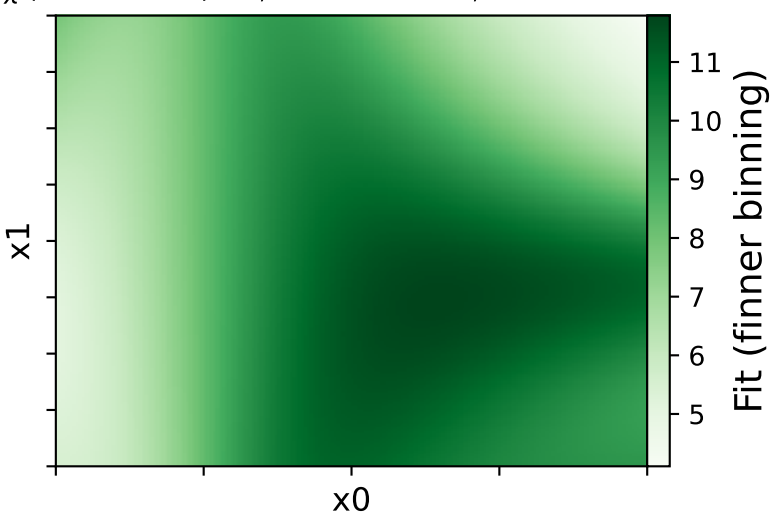
a1*x0*x1 + a5 + (a3 + a4*gauss(x0*(a2 + x1)))*tanh(x0)

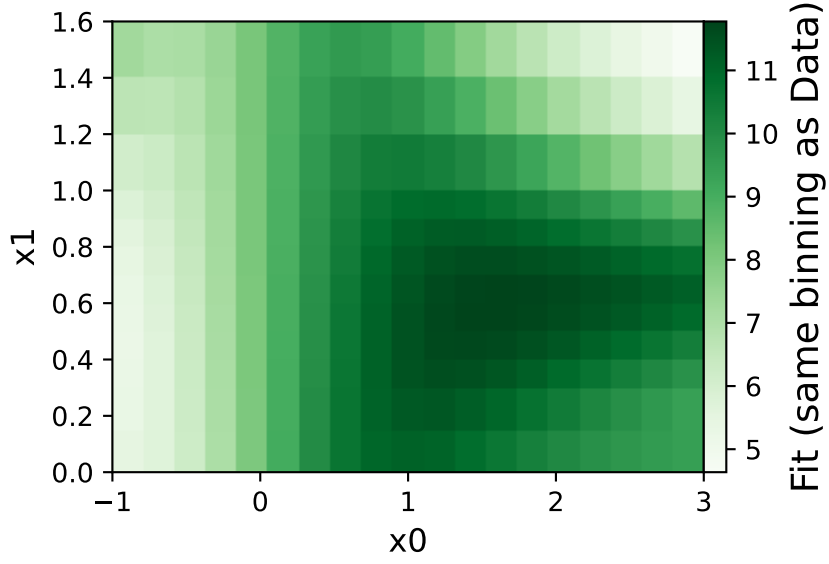
$a1 = -1.1268^{+0.09809(8.71\%)}_{-0.09666(8.58\%)}$, $a2 = -0.691292^{+0.01975(2.86\%)}_{-0.02023(2.93\%)}$,
$a3 = 1.23097^{+0.3033(24.6\%)}_{-0.3079(25.0\%)}$, $a4 = 3.82123^{+0.2751(7.2\%)}_{-0.2724(7.13\%)}$,
$a5 = 8.28934^{+0.05691(0.687\%)}_{-0.0569(0.686\%)}$

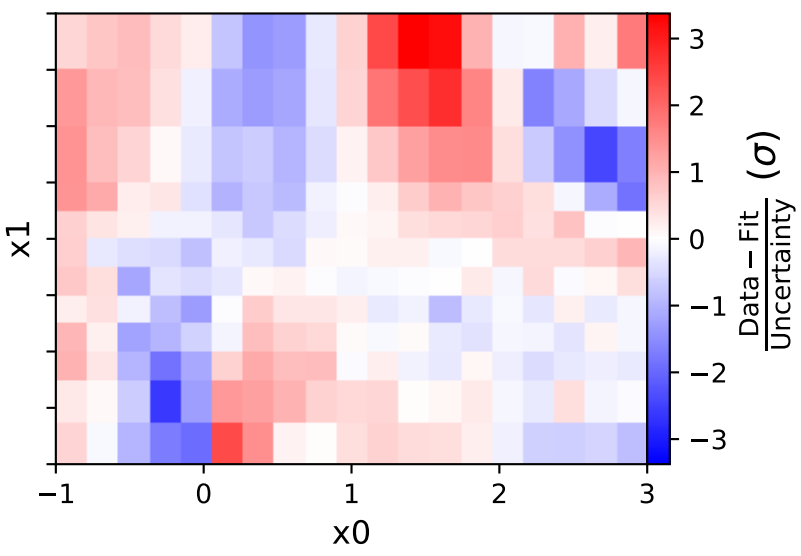
***Candidate #14***

$\chi^2$/NDF = 173.8/223, RMSE = 0.8126, R2 = 0.8608



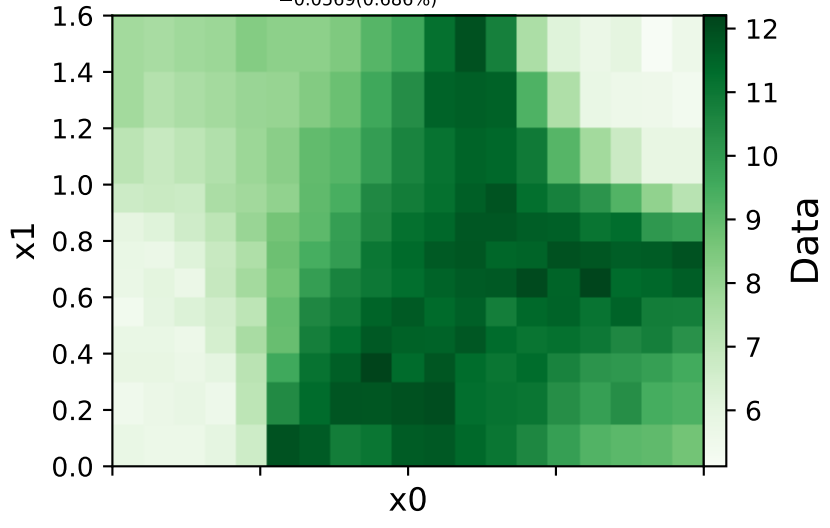
Candidate function #13

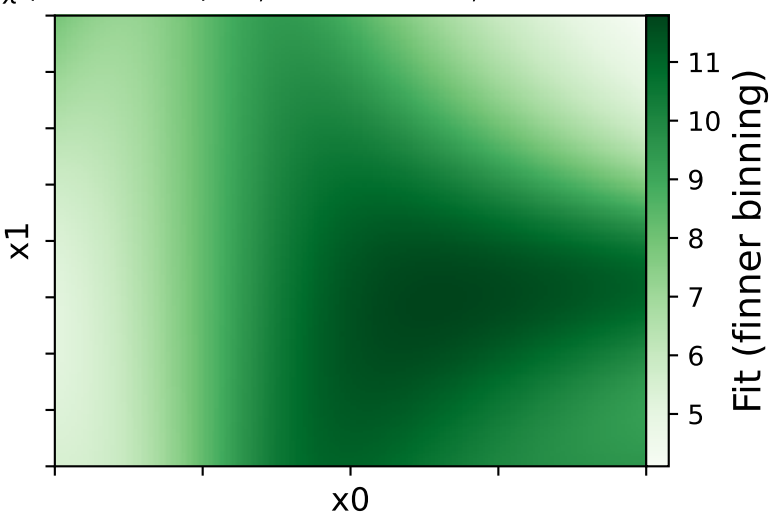
a1*x0*x1 + a5 + (a3 + a4*gauss(x0*(a2 + x1)))*tanh(x0)

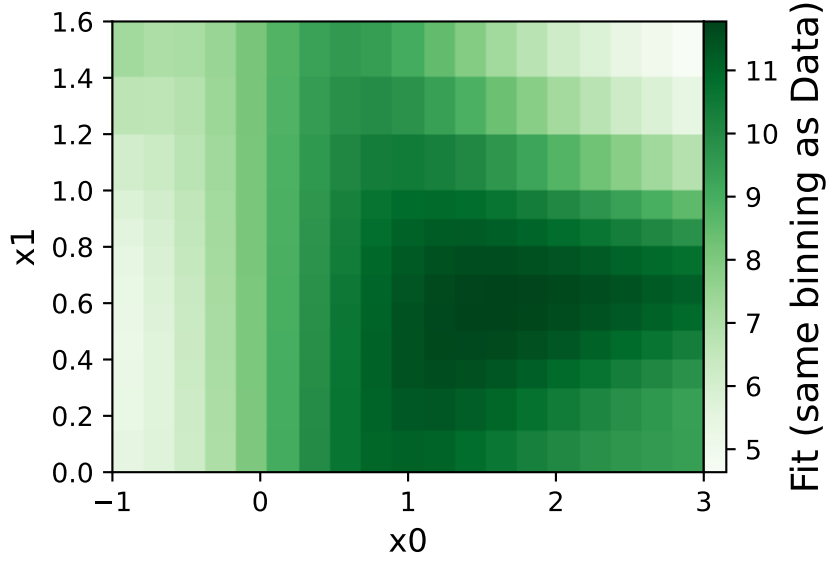
$a1 = -1.1268^{+0.09809(8.71\%)}_{-0.09666(8.58\%)}$, $a2 = -0.691292^{+0.01975(2.86\%)}_{-0.02023(2.93\%)}$,
$a3 = 1.23097^{+0.3033(24.6\%)}_{-0.3079(25.0\%)}$, $a4 = 3.82123^{+0.2751(7.2\%)}_{-0.2724(7.13\%)}$,
$a5 = 8.28934^{+0.05691(0.687\%)}_{-0.0569(0.686\%)}$

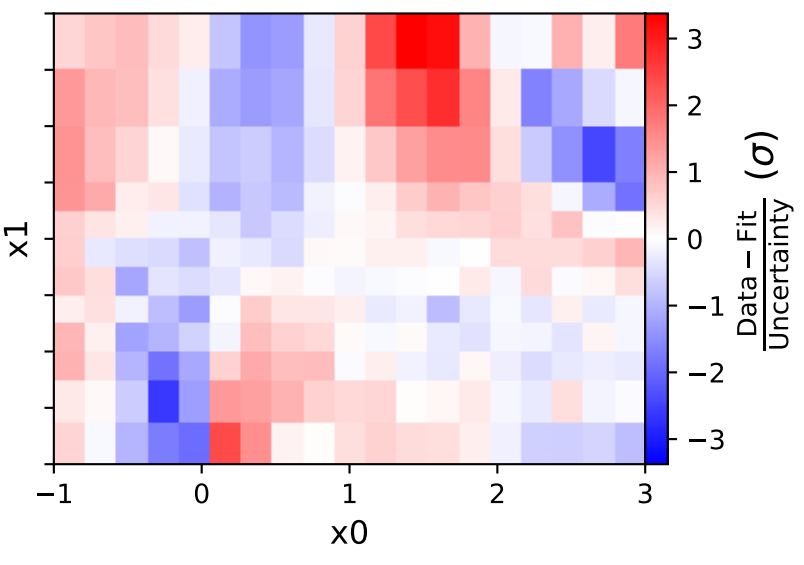
***Candidate #13***

$\chi^2$/NDF = 173.8/223, RMSE = 0.8126, R2 = 0.8608



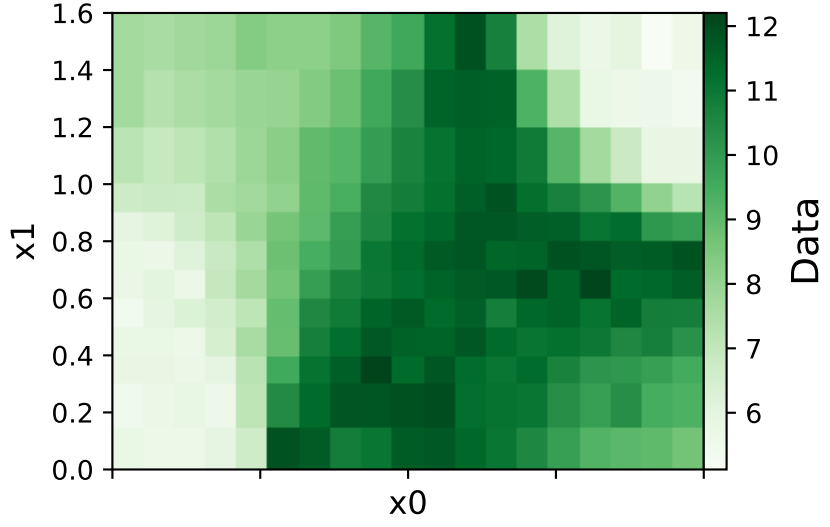
Candidate function #12

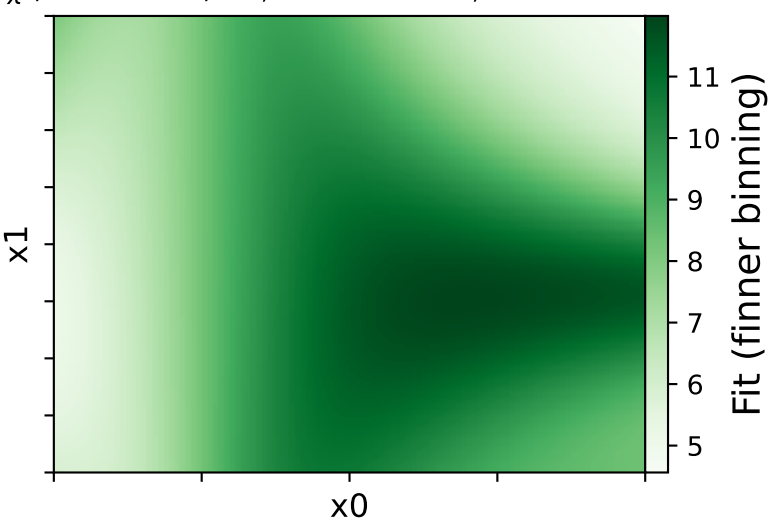
a1*x0*x1 + a3*gauss(x0*(a2 + x1))*tanh(x0) + a4

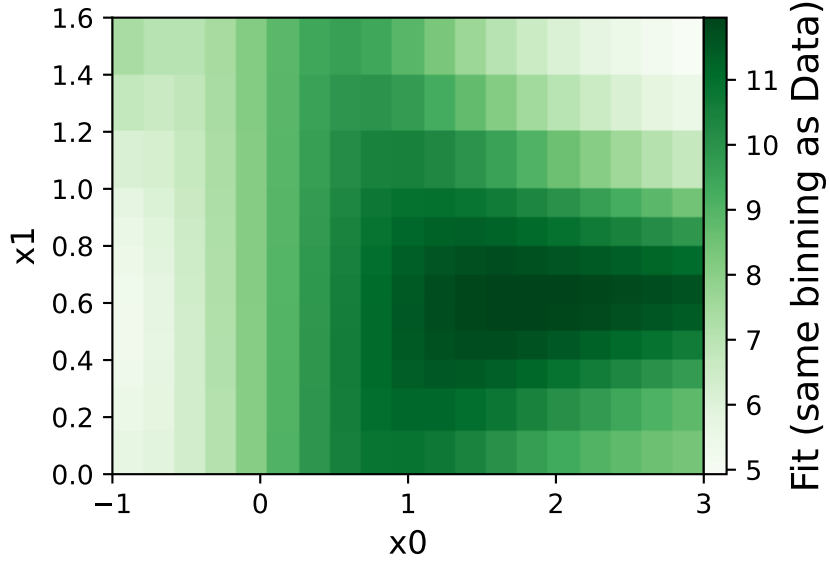
$a1 = -0.782012^{+0.05034(6.44\%)}_{-0.05056(6.47\%)}$, $a2 = -0.655104^{+0.01599(2.44\%)}_{-0.01582(2.41\%)}$,
$a3 = 4.81527^{+0.1204(2.5\%)}_{-0.1201(2.49\%)}$, $a4 = 8.31471^{+0.05825(0.701\%)}_{-0.05824(0.7\%)}$

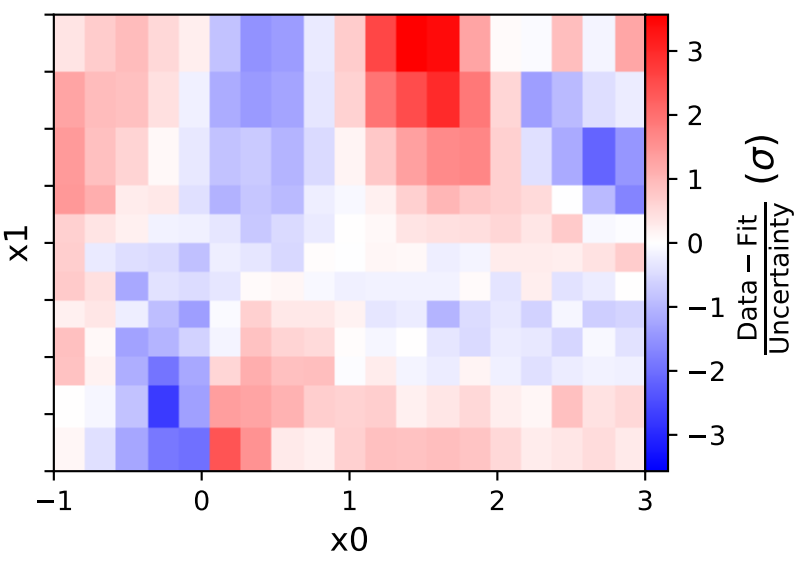
***Candidate #12***

$\chi^2$/NDF = 185.7/224, RMSE = 0.8557, R2 = 0.8457



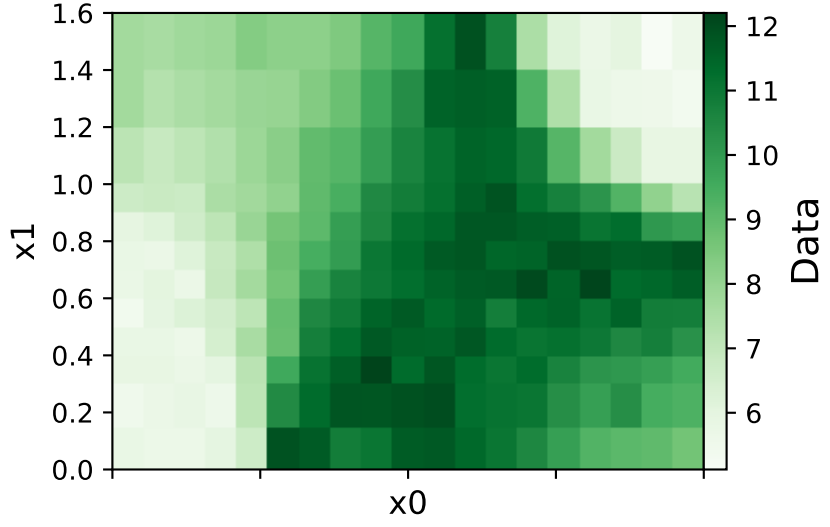
Candidate function #11

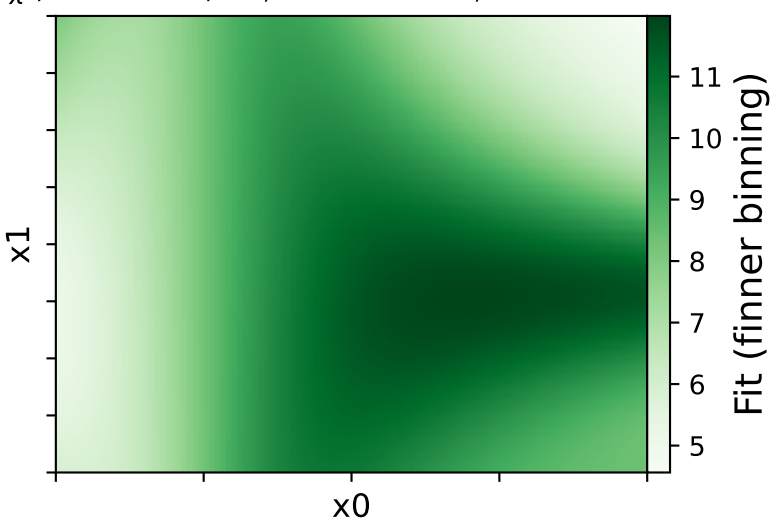
a1*x0*x1 + a3*gauss(x0*(a2 + x1))*tanh(x0) + a4

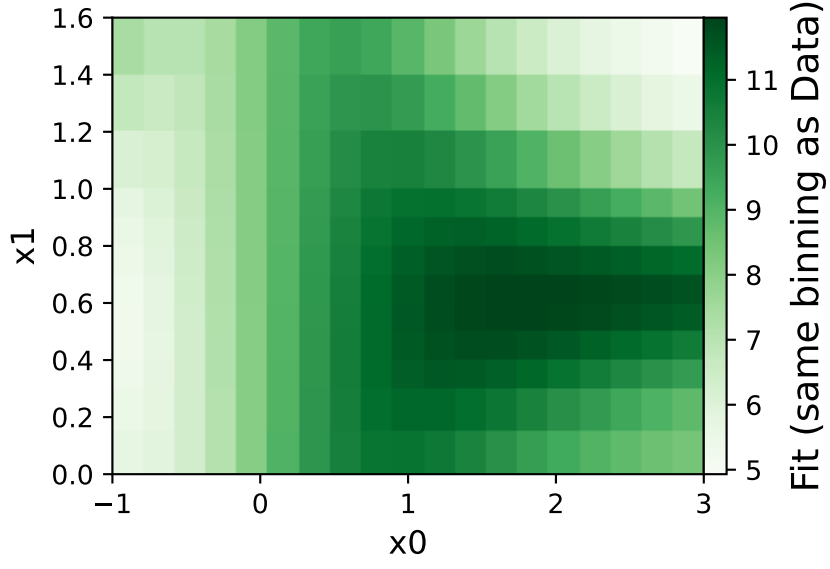
$a1 = -0.782012^{+0.05034(6.44\%)}_{-0.05056(6.47\%)}$, $a2 = -0.655104^{+0.01599(2.44\%)}_{-0.01582(2.41\%)}$,
$a3 = 4.81527^{+0.1204(2.5\%)}_{-0.1201(2.49\%)}$, $a4 = 8.31471^{+0.05825(0.701\%)}_{-0.05824(0.7\%)}$

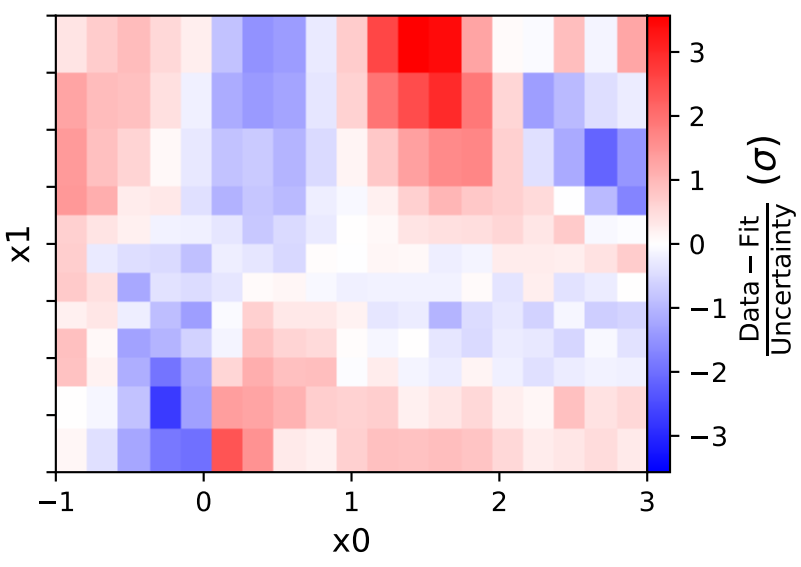
***Candidate #11***

$\chi^2$/NDF = 185.7/224, RMSE = 0.8557, R2 = 0.8457



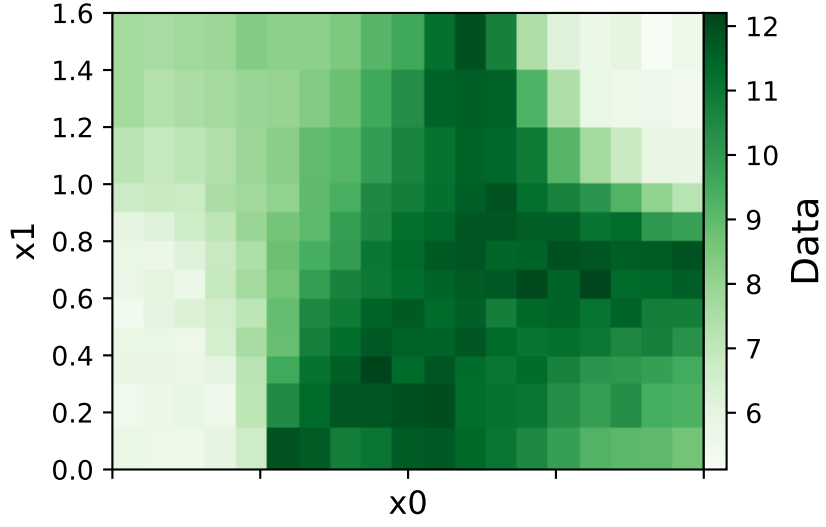
Candidate function #10

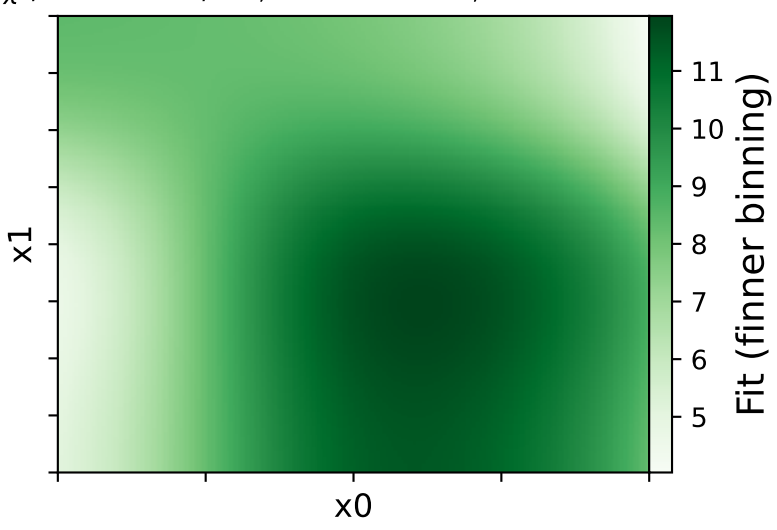
a2*exp(x0) + a3*gauss(a1 + x1**2)*tanh(x0) + a4

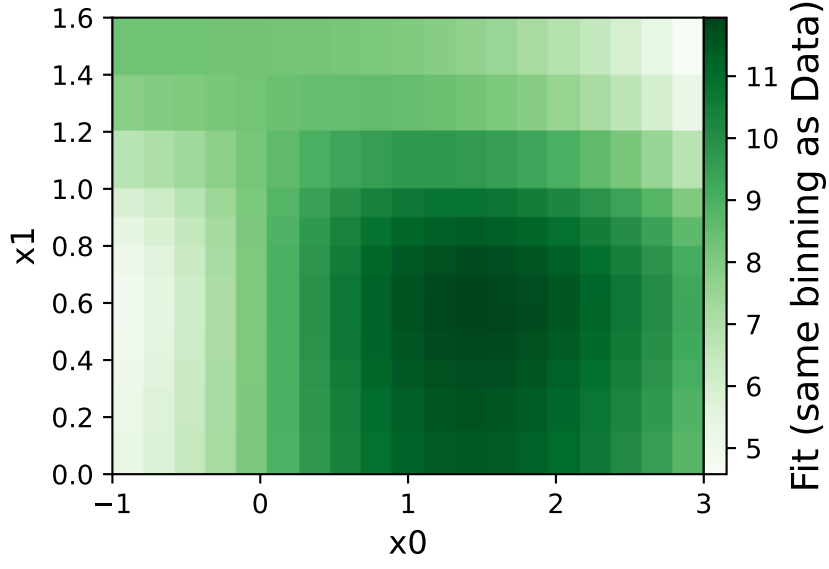
$a1 = -0.34555^{+0.03391(9.81\%)}_{-0.03292(9.53\%)}$, $a2 = -0.225085^{+0.01327(5.89\%)}_{-0.01328(5.9\%)}$,
$a3 = 4.90608^{+0.1355(2.76\%)}_{-0.1354(2.76\%)}$, $a4 = 8.51867^{+0.07487(0.879\%)}_{-0.07486(0.879\%)}$

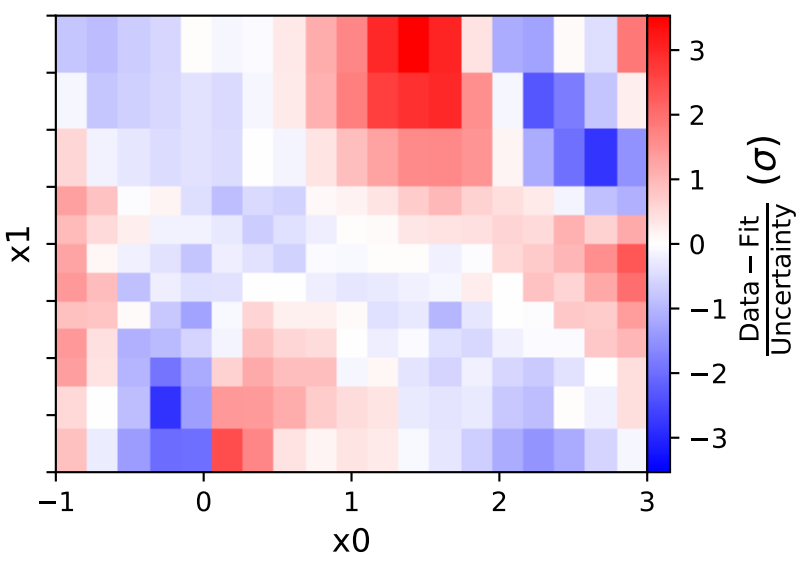
***Candidate #10***

$\chi^2$/NDF = 225.8/224, RMSE = 0.9505, R2 = 0.8096



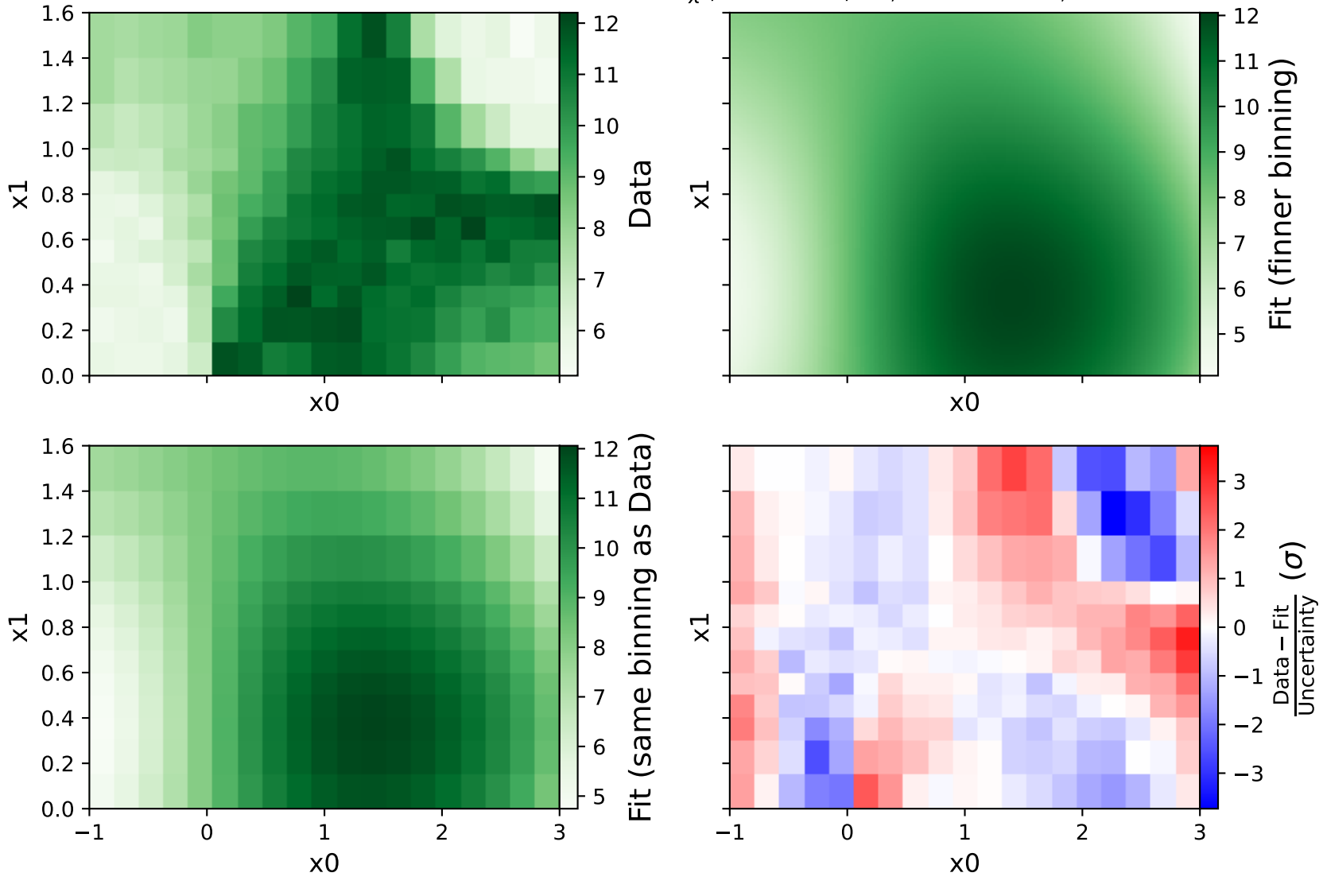
Candidate function #9

a2*exp(x0) + a3*gauss(a1 + x1)*tanh(x0) + a4

$a1 = -0.342461^{+0.03235(9.45\%)}_{-0.03159(9.22\%)}$, $a2 = -0.276546^{+0.01555(5.62\%)}_{-0.01557(5.63\%)}$,
$a3 = 5.20534^{+0.1558(2.99\%)}_{-0.1554(2.99\%)}$, $a4 = 8.57365^{+0.08006(0.934\%)}_{-0.08006(0.934\%)}$

***Candidate #9***

$\chi^2$/NDF = 254.7/224, RMSE = 0.9806, R2 = 0.7973



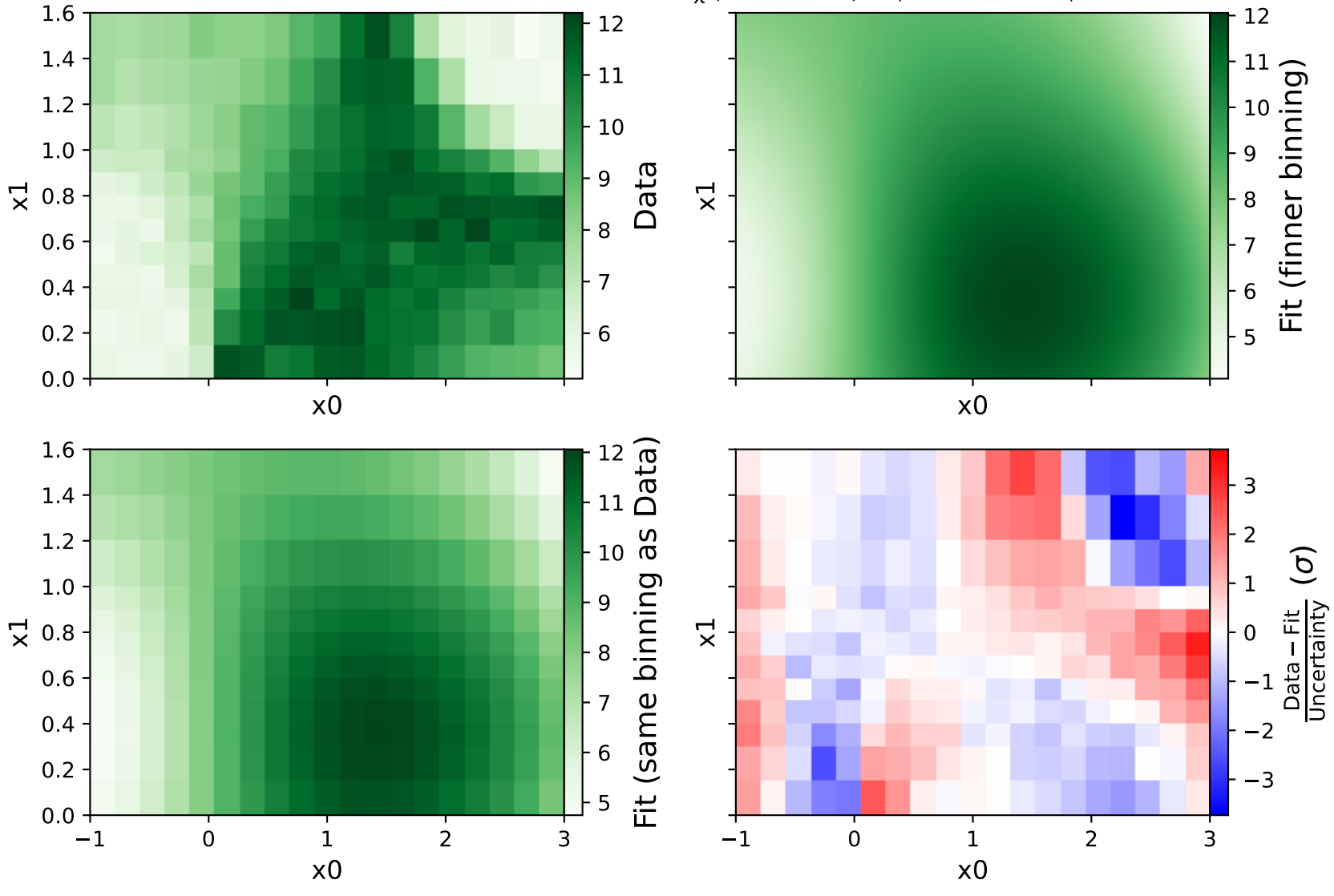
Candidate function #8

a2*exp(x0) + a3*gauss(a1 + x1)*tanh(x0) + a4

$a1 = -0.342461^{+0.03235(9.45\%)}_{-0.03159(9.22\%)}$, $a2 = -0.276546^{+0.01555(5.62\%)}_{-0.01557(5.63\%)}$,
$a3 = 5.20534^{+0.1558(2.99\%)}_{-0.1554(2.99\%)}$, $a4 = 8.57365^{+0.08006(0.934\%)}_{-0.08006(0.934\%)}$

***Candidate #8***

$\chi^2$/NDF = 254.7/224, RMSE = 0.9806, R2 = 0.7973



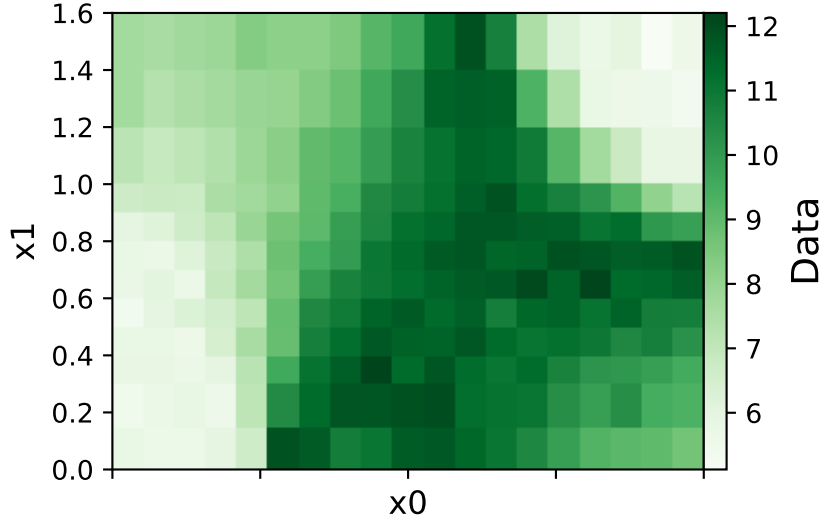
Candidate function #7

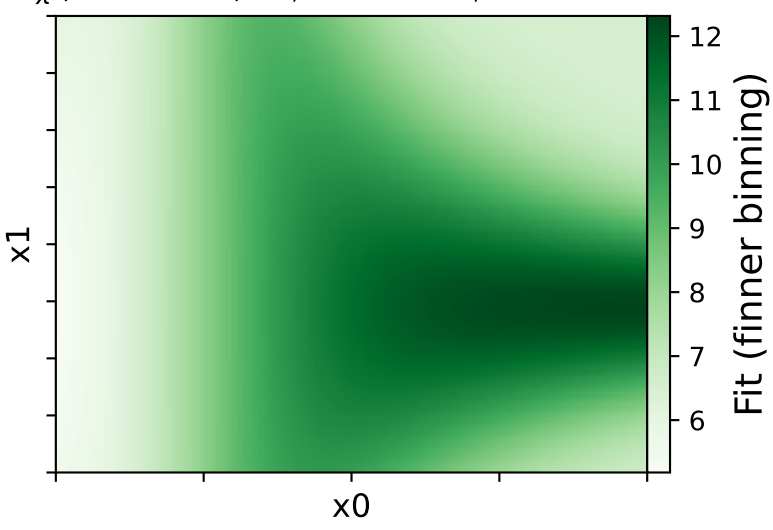
a4 + (a2 + a3*tanh(x0))*gauss(x0*(a1 + x1))

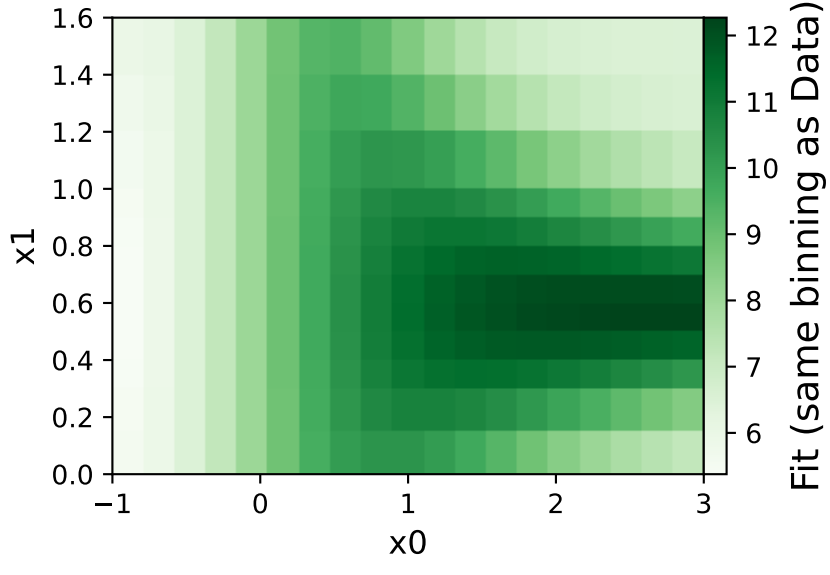
$a1 = -0.579352^{+0.01685(2.91\%)}_{-0.01642(2.83\%)}$, $a2 = 1.74659^{+0.1986(11.4\%)}_{-0.1984(11.4\%)}$,
$a3 = 4.06129^{+0.1308(3.22\%)}_{-0.1308(3.22\%)}$, $a4 = 6.52794^{+0.1671(2.56\%)}_{-0.1673(2.56\%)}$

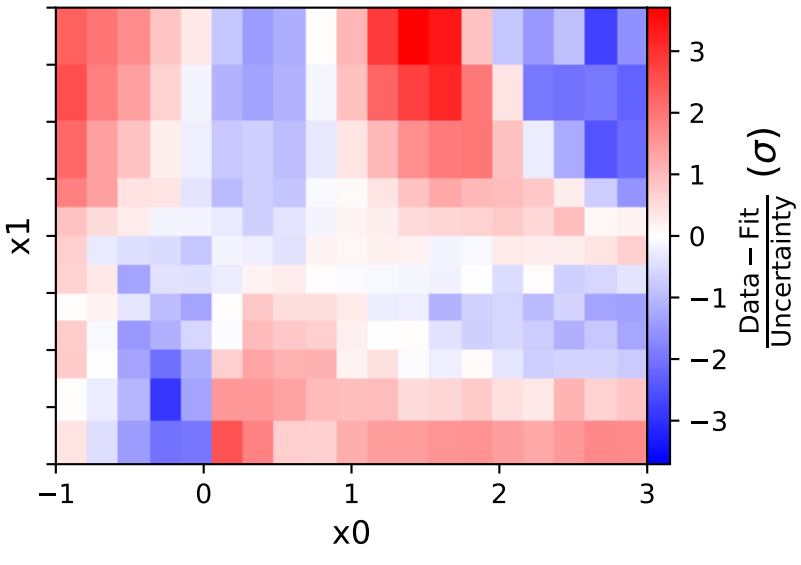
***Candidate #7***

$\chi^2$/NDF = 295.1/224, RMSE = 1.05, R2 = 0.7678



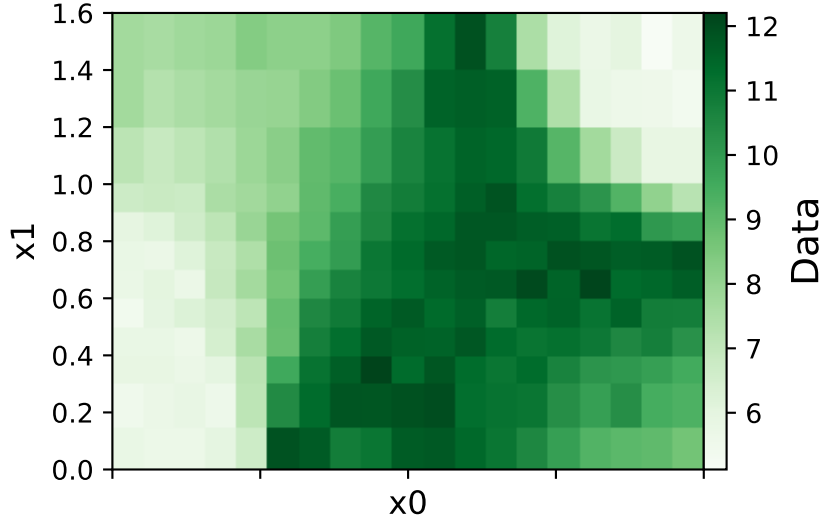
Candidate function #6

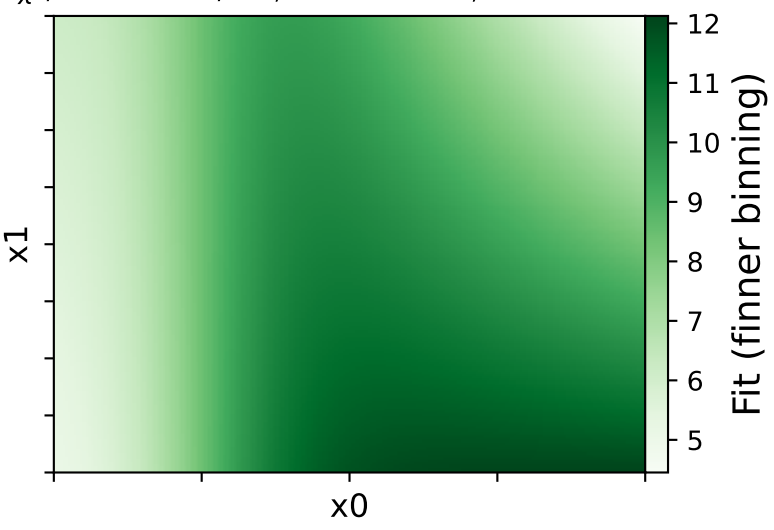
(a3 + tanh(a2*x0))*(a1*x0*x1 + a4)

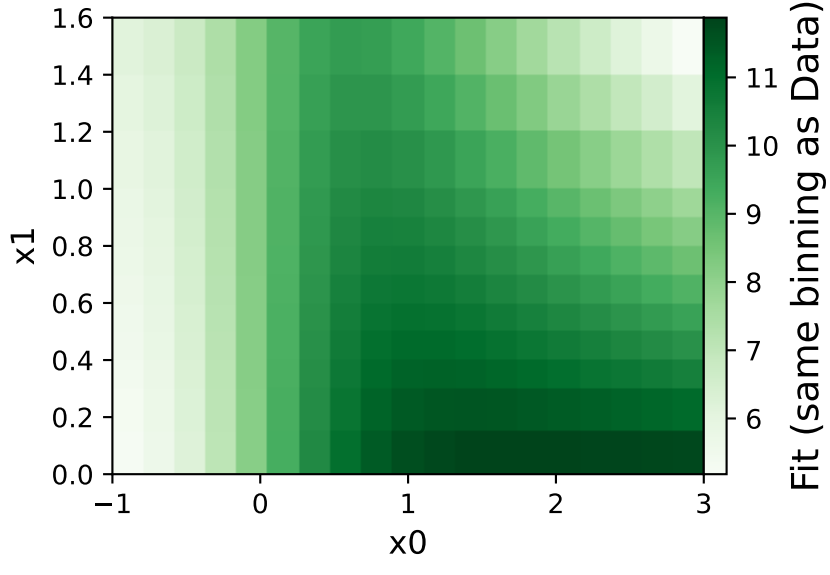
$a1 = -0.486361^{+0.04522(9.3\%)}_{-0.04882(10.0\%)}$, $a2 = 1.49499^{+0.232(15.5\%)}_{-0.1865(12.5\%)}$,
$a3 = 2.28721^{+0.1581(6.91\%)}_{-0.1496(6.54\%)}$, $a4 = 3.68882^{+0.2396(6.49\%)}_{-0.2238(6.07\%)}$

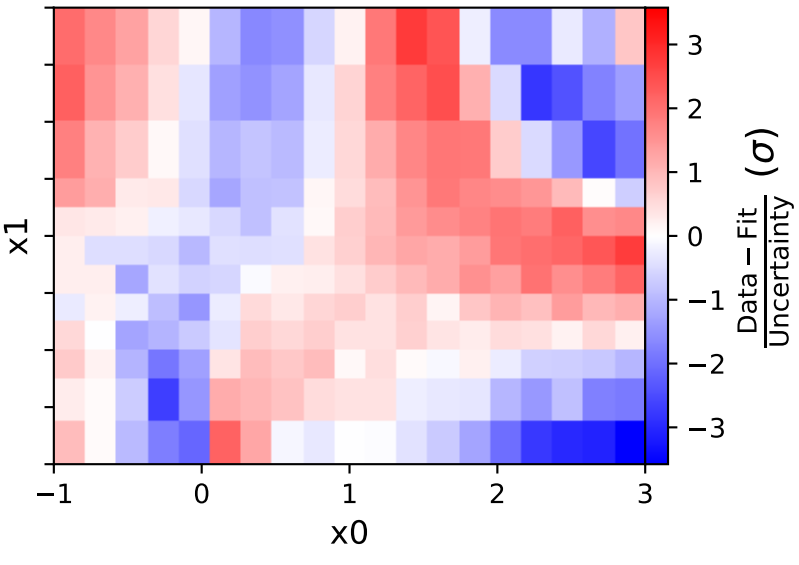
***Candidate #6***

$\chi^2$/NDF = 348.0/224, RMSE = 1.192, R2 = 0.7005



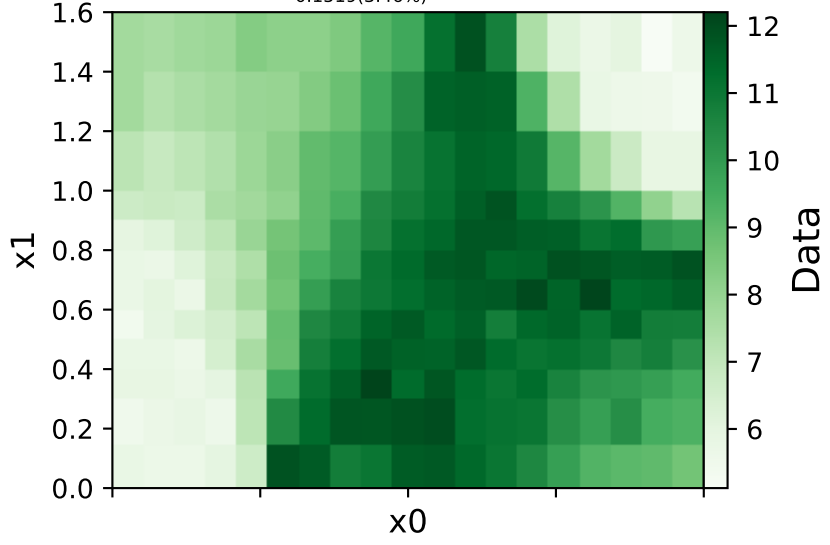
Candidate function #5

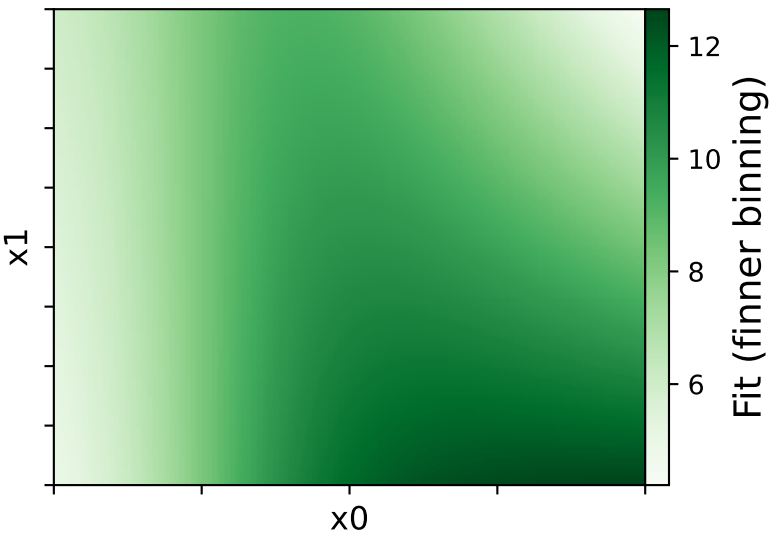
(a2 + tanh(x0))*(a1*x0*x1 + a3)

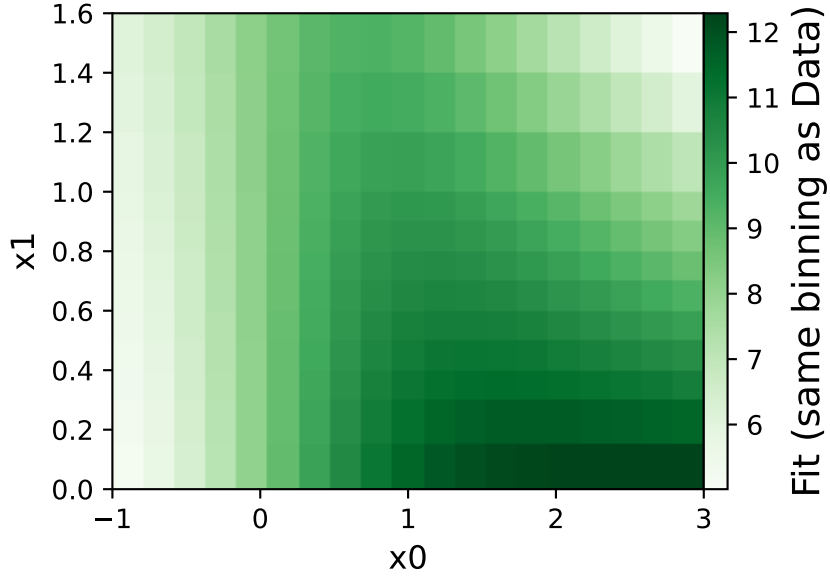
$a1 = -0.610689^{+0.03956(6.48\%)}_{-0.04027(6.59\%)}$, $a2 = 1.88603^{+0.06753(3.58\%)}_{-0.06305(3.34\%)}$,
$a3 = 4.39189^{+0.1515(3.45\%)}_{-0.1519(3.46\%)}$

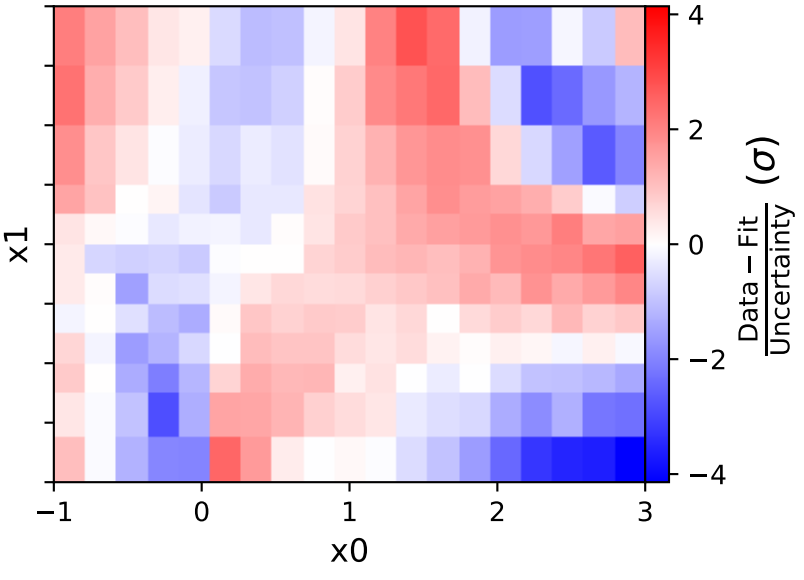
***Candidate #5***

$\chi^2$/NDF = 364.3/225, RMSE = 1.216, R2 = 0.6882



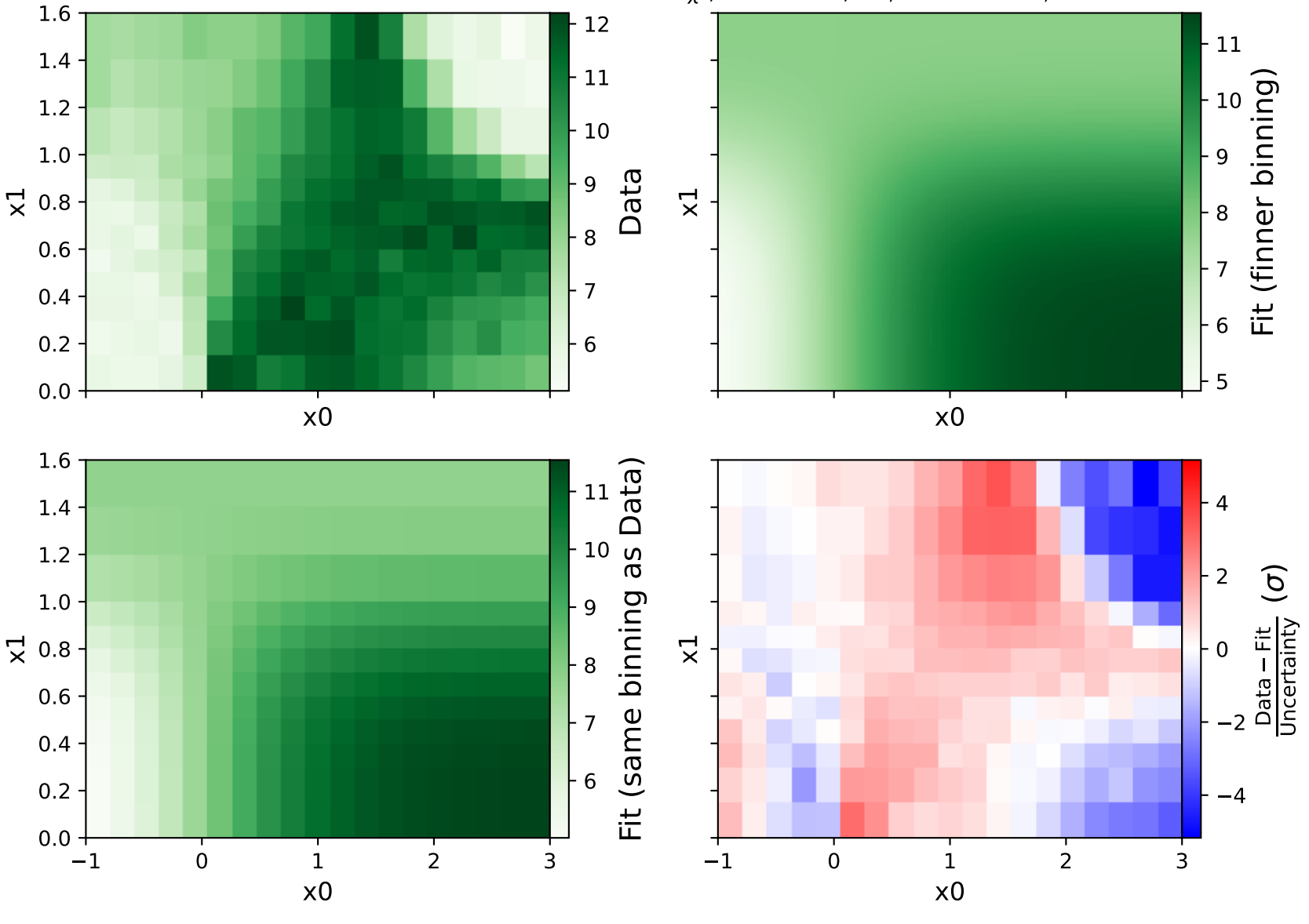
Candidate function #4

a1*gauss(x1**2)*tanh(x0) + a2

$a1 = 3.82556^{+0.1808(4.72\%)}_{-0.1808(4.72\%)}$, $a2 = 7.74199^{+0.08761(1.13\%)}_{-0.08761(1.13\%)}$

***Candidate #4***

$\chi^2$/NDF = 535.5/226, RMSE = 1.385, R2 = 0.5958



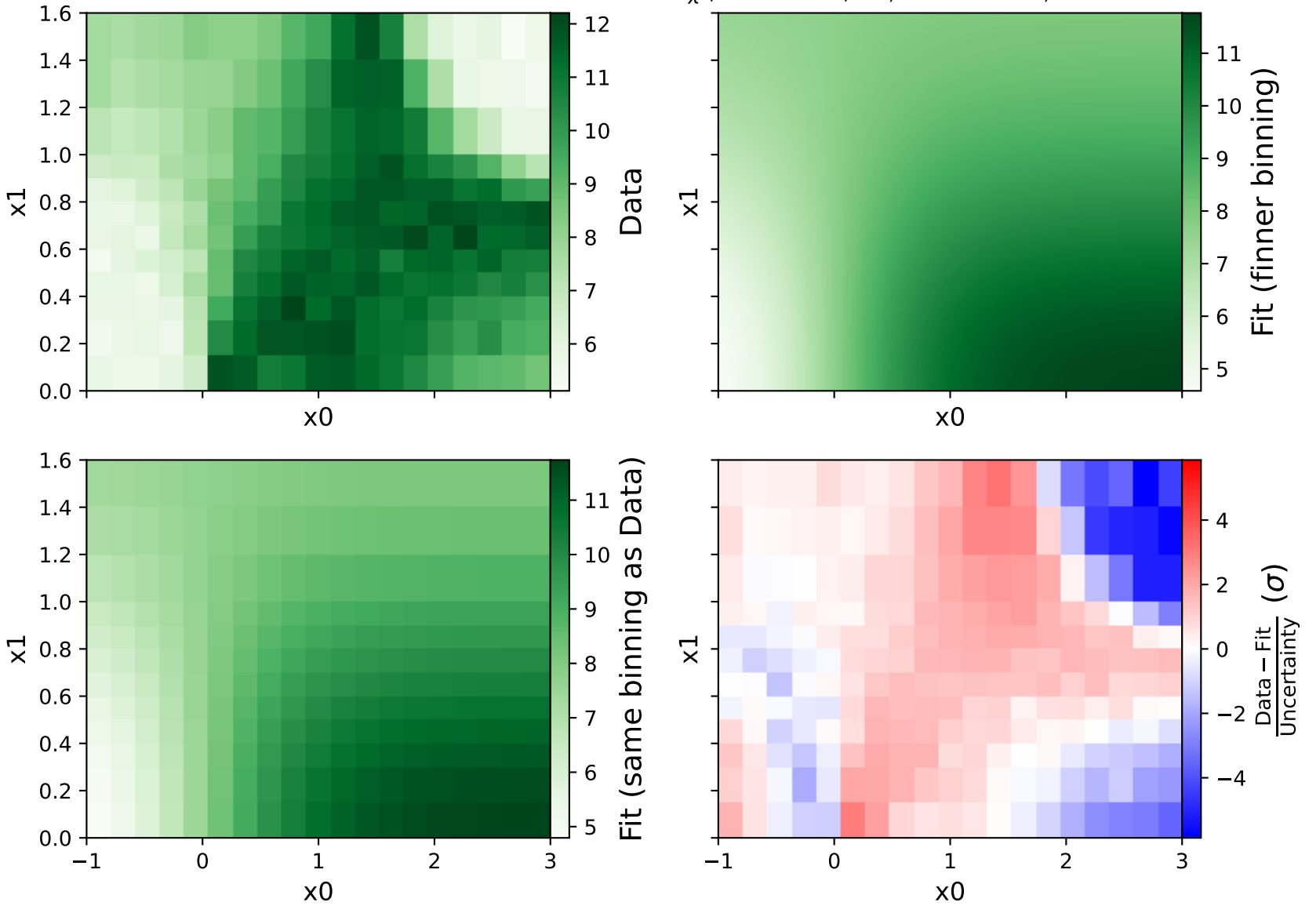
Candidate function #3

a1*gauss(x1)*tanh(x0) + a2

$a1 = 4.0894^{+0.2202(5.39\%)}_{-0.2202(5.39\%)}$, $a2 = 7.69587^{+0.09593(1.25\%)}_{-0.09593(1.25\%)}$

***Candidate #3***

$\chi^2$/NDF = 632.3/226, RMSE = 1.471, R2 = 0.5439



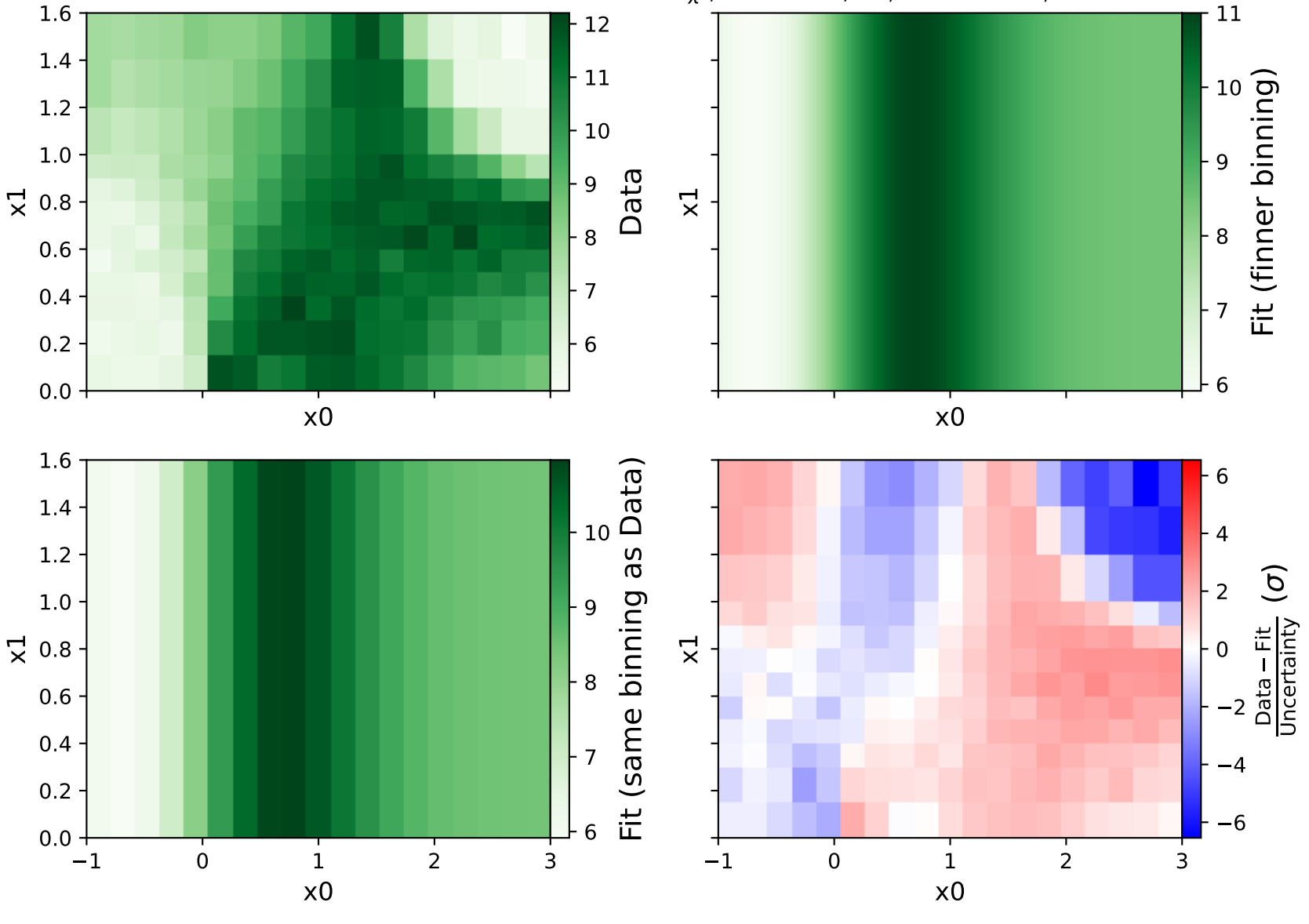
Candidate function #2

a1*x0*gauss(x0) + a2

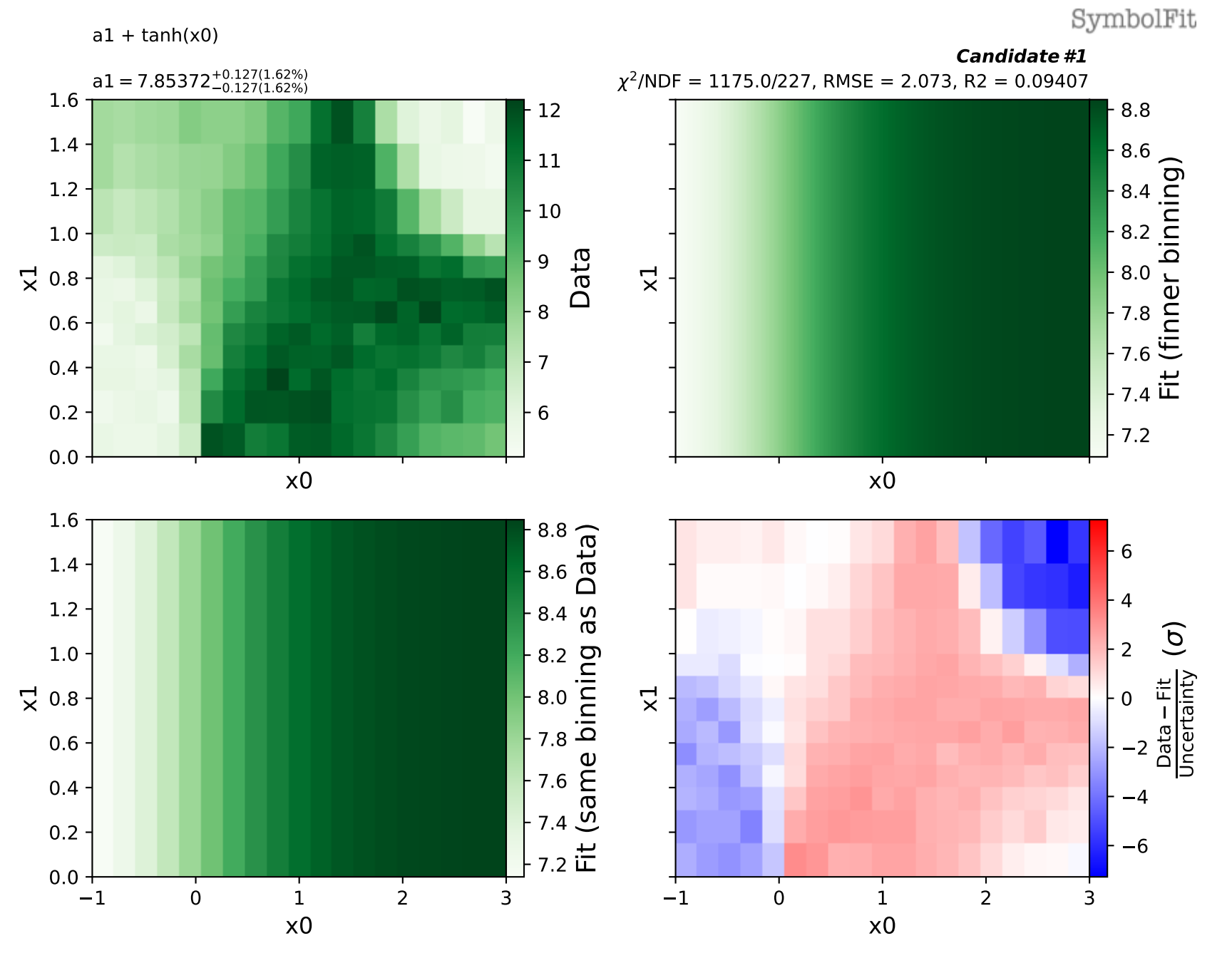
$a1 = 5.93048^{+0.3775(6.37\%)}_{-0.3775(6.37\%)}$, $a2 = 8.45678^{+0.105(1.24\%)}_{-0.105(1.24\%)}$

***Candidate #2***

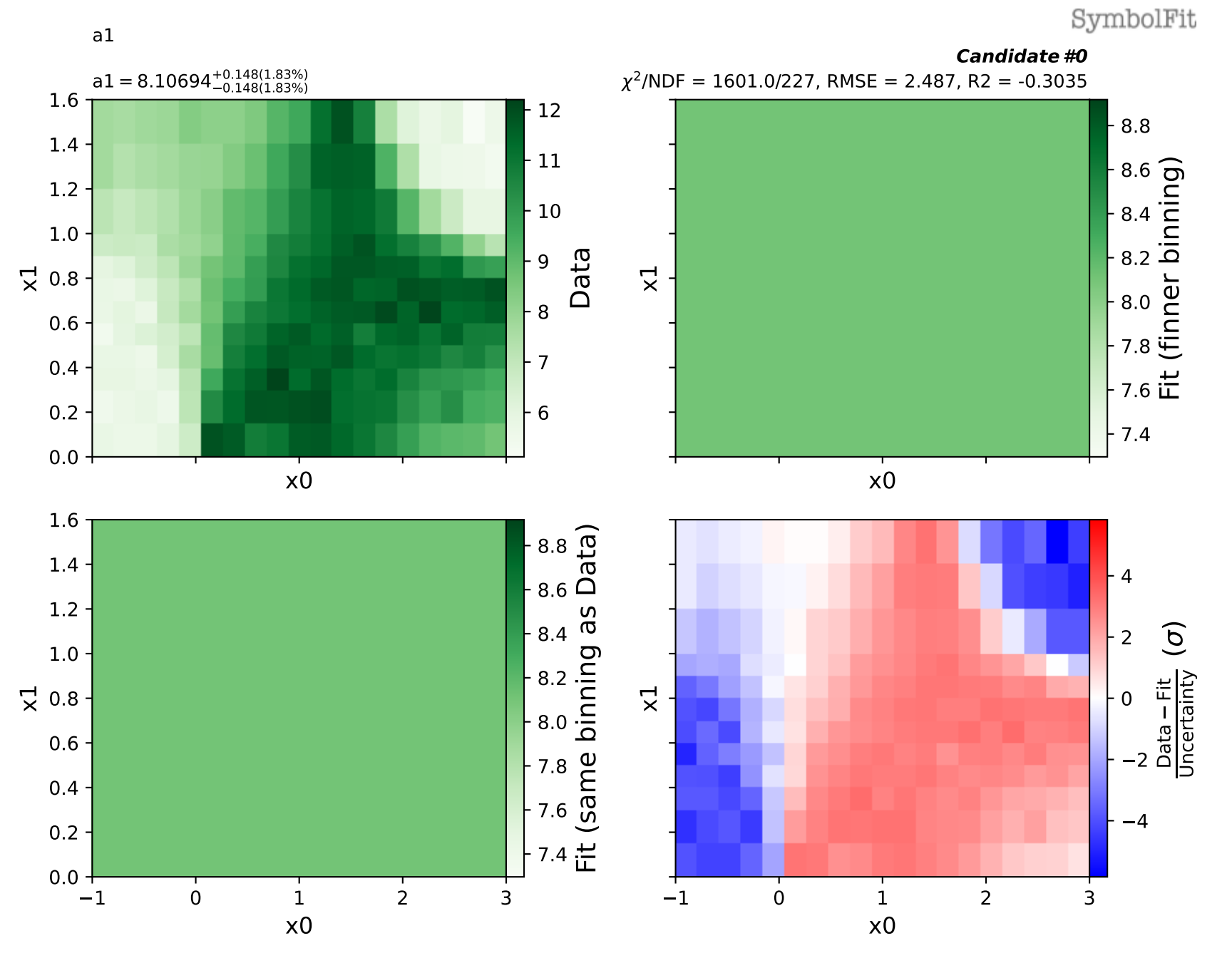
$\chi^2$/NDF = 763.8/226, RMSE = 1.644, R2 = 0.4306



Candidate function #1


SymbolFit
a1 + tanh(x0)
a1 = 7.85372$^{+0.127(1.62\%)}_{-0.127(1.62\%)}$
Candidate #1
$\chi^2$/NDF = 1175.0/227, RMSE = 2.073, R2 = 0.09407
x1
x0
Data
Fit (finner binning)
Fit (same binning as Data)
$\frac{\text{Data}-\text{Fit}}{\text{Uncertainty}}$ ($\sigma$)

Candidate function #0


a1
a1 = 8.10694 +0.148(1.83%) −0.148(1.83%)
Candidate #0
χ²/NDF = 1601.0/227, RMSE = 2.487, R2 = -0.3035
x1
x0
Data
Fit (finner binning)
Fit (same binning as Data)
Data − Fit / Uncertainty (σ)