Candidate function #45

SymbolFit

a11 + a2*tanh(a6*x0*x1 - 2*x0) + a8*gauss(a1 + a5*x1*(a4 + x0) + x1) + a9*gauss(a3 + x0) + (a10*exp(x0)*tanh(x0) + x0)*gauss(x1)*gauss(a7*x0)

$a1 = -2.20668^{+0.119(5.39\%)}_{-0.119(5.39\%)}$, $a2 = -1.73625^{+0.0476(2.74\%)}_{-0.0476(2.74\%)}$,

$a3 = -1.06761^{+0.0212(1.99\%)}_{-0.0212(1.99\%)}$, $a4 = -1.05756^{+0.0611(5.78\%)}_{-0.0611(5.78\%)}$,

$a5 = 1.49275^{+0.0864(5.79\%)}_{-0.0864(5.79\%)}$, $a6 = 2.06605^{+0.0357(1.73\%)}_{-0.0357(1.73\%)}$,

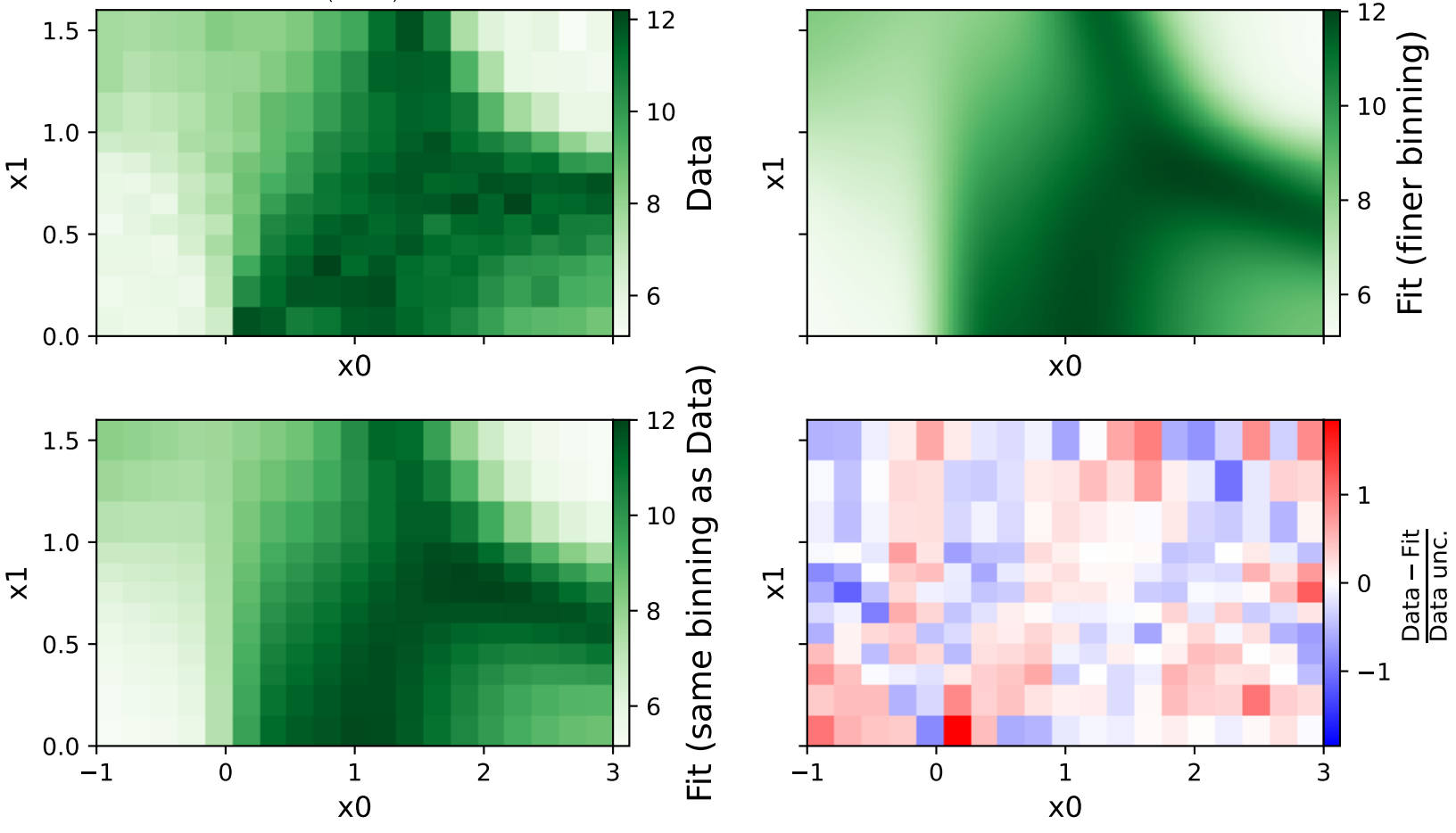
$a7 = 2.50655^{+0.196(7.82\%)}_{-0.196(7.82\%)}$, $a8 = 3.00931^{+0.129(4.29\%)}_{-0.129(4.29\%)}$,

$a9 = 3.38259^{+0.108(3.19\%)}_{-0.108(3.19\%)}$, $a10 = 5.06988^{+0.781(15.4\%)}_{-0.781(15.4\%)}$,

$a11 = 6.77275^{+0.0486(0.718\%)}_{-0.0486(0.718\%)}$

Candidate #45

χ^2/NDF = 38.53/217, p-value = 1.0, RMSE = 0.3764



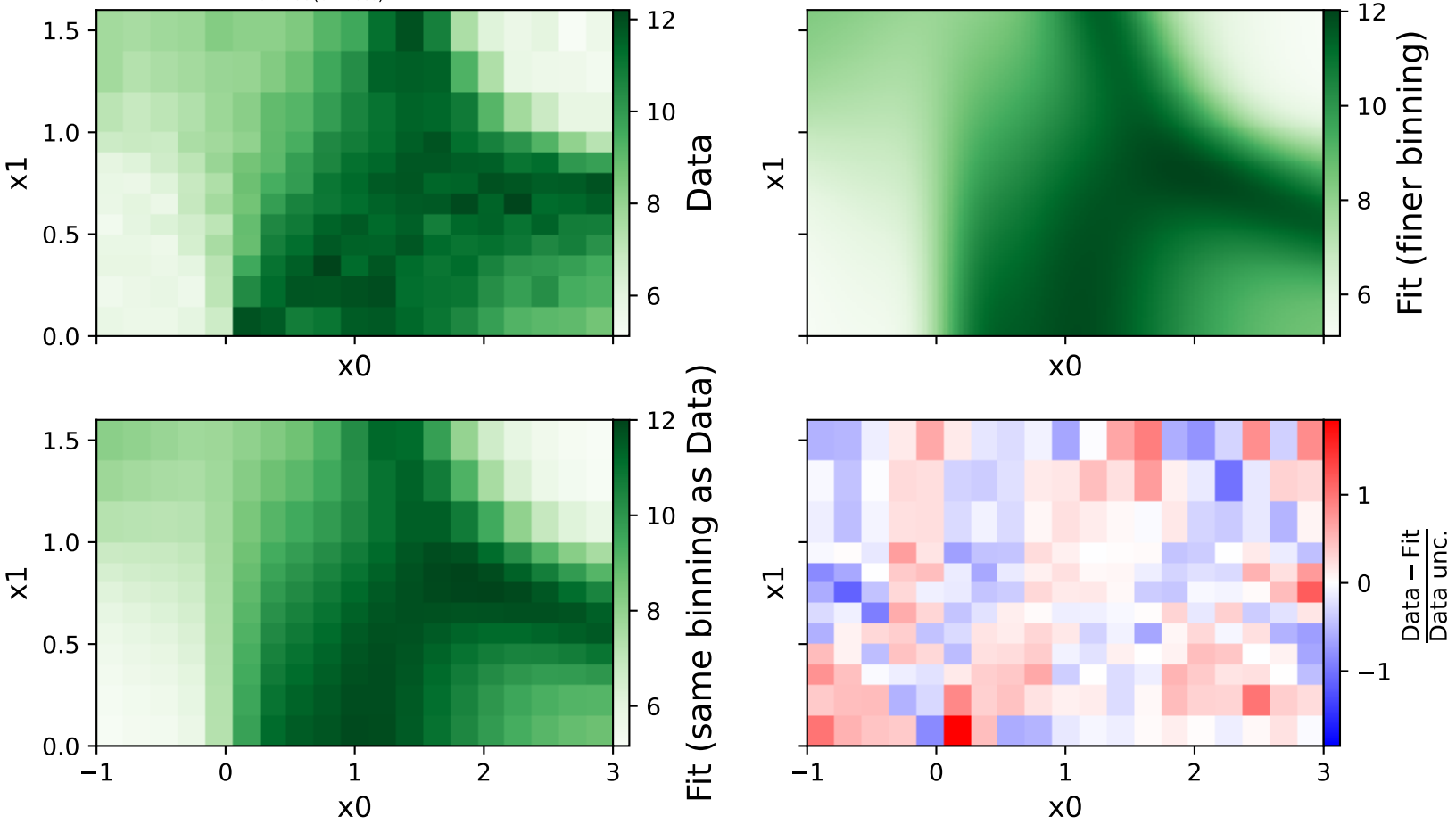
Candidate function #44

a11 + a2*tanh(a6*x0*x1 - 2*x0) + a8*gauss(a1 + a5*x1*(a4 + x0) + x1) + a9*gauss(a3 + x0) + (a10*x0*exp(x0) + x0)*gauss(x1)*gauss(a7*x0)

$a1 = -2.20656^{+0.119(5.39\%)}_{-0.119(5.39\%)}$, $a2 = -1.73639^{+0.0476(2.74\%)}_{-0.0476(2.74\%)}$,
$a3 = -1.06779^{+0.0212(1.99\%)}_{-0.0212(1.99\%)}$, $a4 = -1.0575^{+0.0611(5.78\%)}_{-0.0611(5.78\%)}$,
$a5 = 1.49254^{+0.0864(5.79\%)}_{-0.0864(5.79\%)}$, $a6 = 2.066^{+0.0357(1.73\%)}_{-0.0357(1.73\%)}$,
$a7 = 2.55495^{+0.193(7.55\%)}_{-0.193(7.55\%)}$, $a8 = 3.0094^{+0.129(4.29\%)}_{-0.129(4.29\%)}$,
$a9 = 3.38226^{+0.108(3.19\%)}_{-0.108(3.19\%)}$, $a10 = 5.05444^{+0.78(15.4\%)}_{-0.78(15.4\%)}$,
$a11 = 6.7723^{+0.0485(0.716\%)}_{-0.0485(0.716\%)}$

Candidate #44

χ^2/NDF = 38.52/217, p-value = 1.0, RMSE = 0.3764



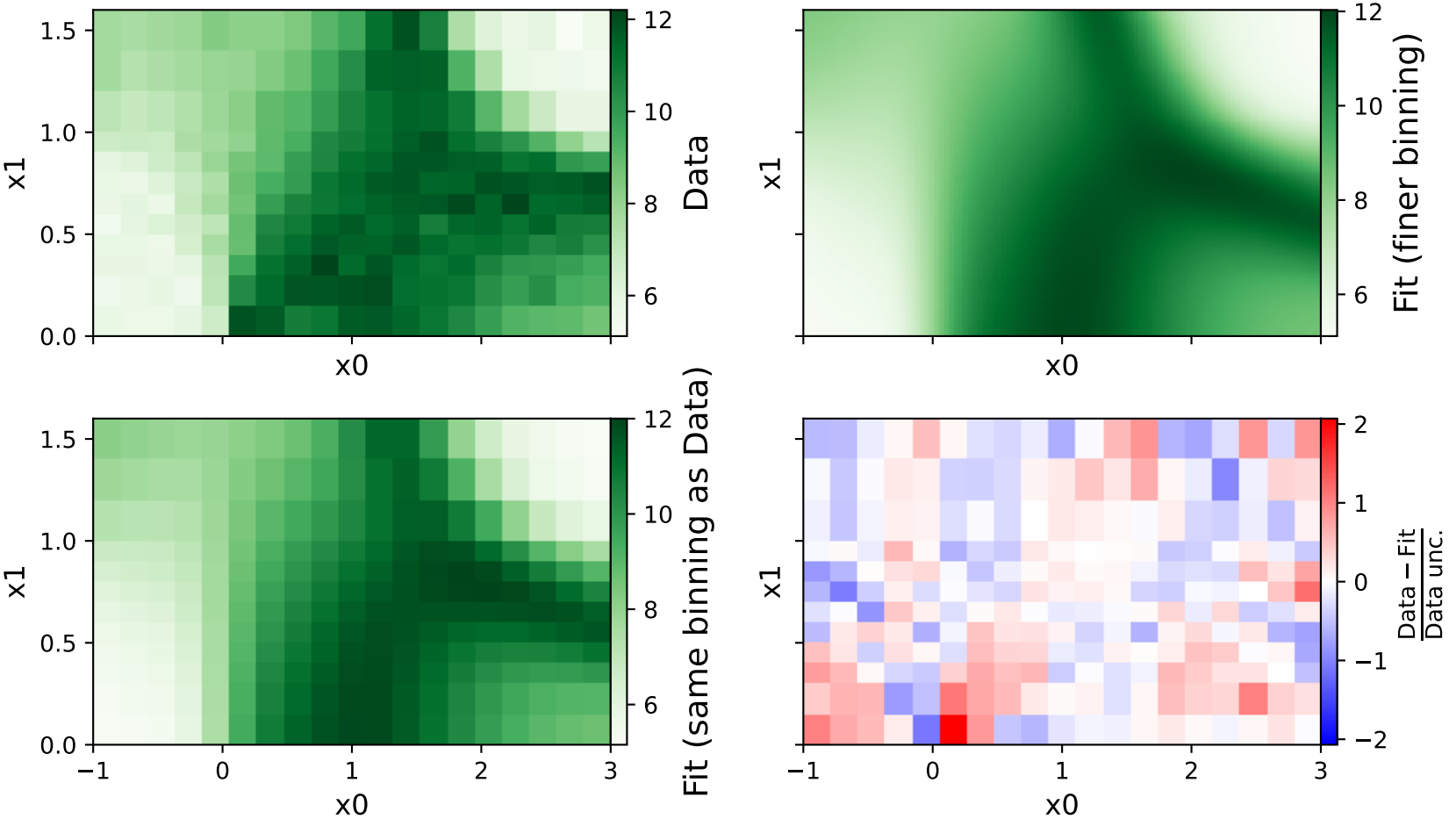
Candidate function #43

a10 + a2*tanh(a6*x0*x1 - 2*x0) + a8*gauss(a1 + a5*x1*(a4 + x0) + x1) + a9*gauss(a3 + x0) + (a8*tanh(x0) + x0)*gauss(x1)*gauss(a7*x0)

$a1 = -2.2064^{+0.121(5.48\%)}_{-0.121(5.48\%)}$, $a2 = -1.73507^{+0.0501(2.89\%)}_{-0.0501(2.89\%)}$,
$a3 = -1.04111^{+0.0212(2.04\%)}_{-0.0212(2.04\%)}$, $a4 = -1.07497^{+0.0608(5.66\%)}_{-0.0608(5.66\%)}$,
$a5 = 1.51351^{+0.089(5.88\%)}_{-0.089(5.88\%)}$, $a6 = 2.0669^{+0.0368(1.78\%)}_{-0.0368(1.78\%)}$,
$a7 = 2.29106^{+0.181(7.9\%)}_{-0.181(7.9\%)}$, $a8 = 3.07437^{+0.131(4.26\%)}_{-0.131(4.26\%)}$,
$a9 = 3.44676^{+0.11(3.19\%)}_{-0.11(3.19\%)}$, $a10 = 6.77451^{+0.0549(0.81\%)}_{-0.0549(0.81\%)}$

Candidate #43

χ^2/NDF = 41.45/218, p-value = 1.0, RMSE = 0.396



Candidate function #42

a10*x0*gauss(x1)*gauss(a7*x0) + a11 + a2*tanh(a6*x0*x1 - 2*x0) + a8*gauss(a1 + a5*x1*(a4 + x0) + x1) + a9*gauss(a3 + x0)

$a1 = -2.20343^{+0.122(5.54\%)}_{-0.122(5.54\%)}$, $a2 = -1.74173^{+0.0489(2.81\%)}_{-0.0489(2.81\%)}$,

$a3 = -1.04259^{+0.0209(2.0\%)}_{-0.0209(2.0\%)}$, $a4 = -1.07596^{+0.061(5.67\%)}_{-0.061(5.67\%)}$,

$a5 = 1.51382^{+0.0896(5.92\%)}_{-0.0896(5.92\%)}$, $a6 = 2.0605^{+0.0359(1.74\%)}_{-0.0359(1.74\%)}$,

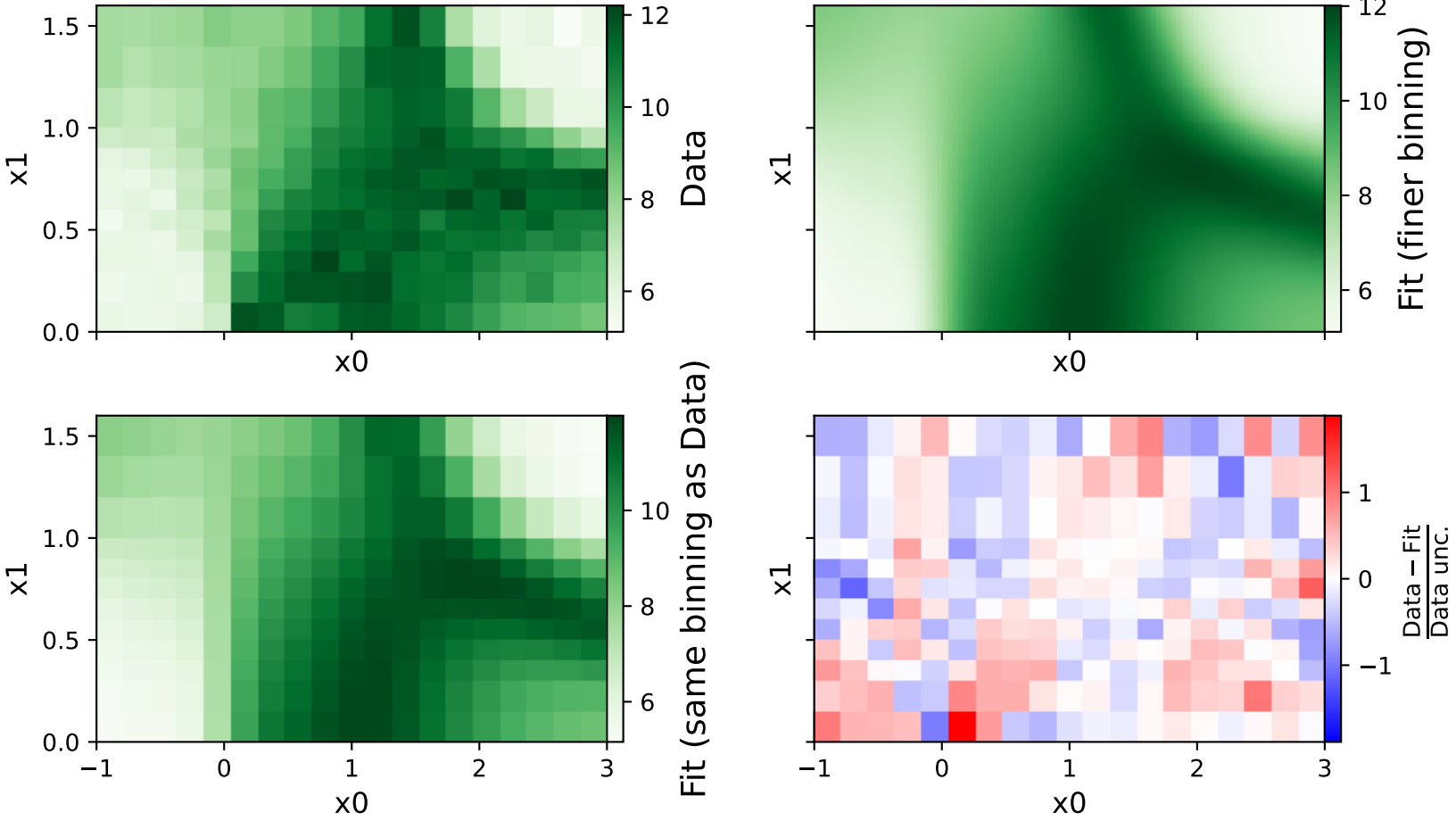
$a7 = 2.67306^{+0.22(8.23\%)}_{-0.22(8.23\%)}$, $a8 = 3.01573^{+0.132(4.38\%)}_{-0.132(4.38\%)}$,

$a9 = 3.4452^{+0.105(3.05\%)}_{-0.105(3.05\%)}$, $a10 = 5.83556^{+0.826(14.2\%)}_{-0.826(14.2\%)}$,

$a11 = 6.78379^{+0.0518(0.764\%)}_{-0.0518(0.764\%)}$

Candidate #42

χ^2/NDF = 40.36/217, p-value = 1.0, RMSE = 0.3883



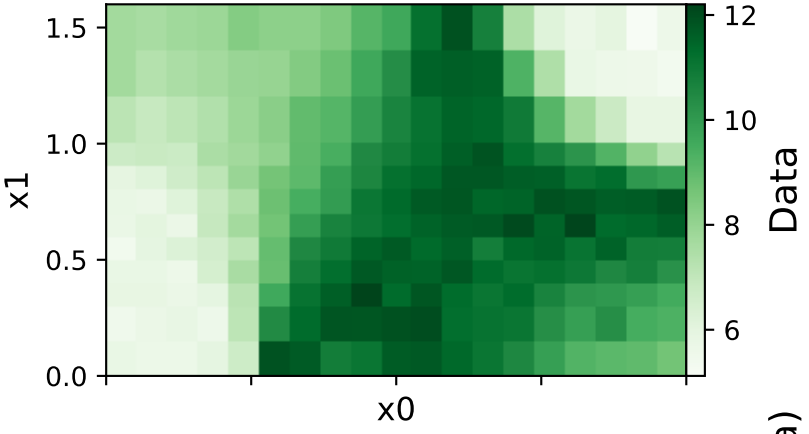
Candidate function #41

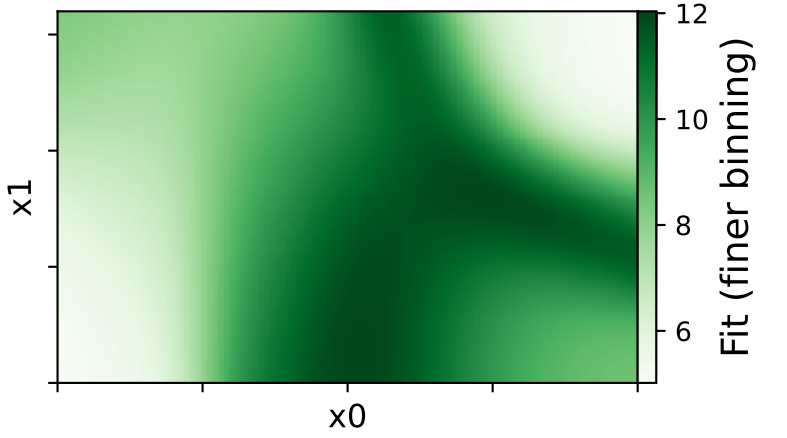
a10 + a2*tanh(a6*x0*x1 - 2*x0) + a7*x0*gauss(x1)*gauss(a7*x0) + a8*gauss(a1 + a5*x1*(a4 + x0) + x1) + a9*gauss(a3 + x0)

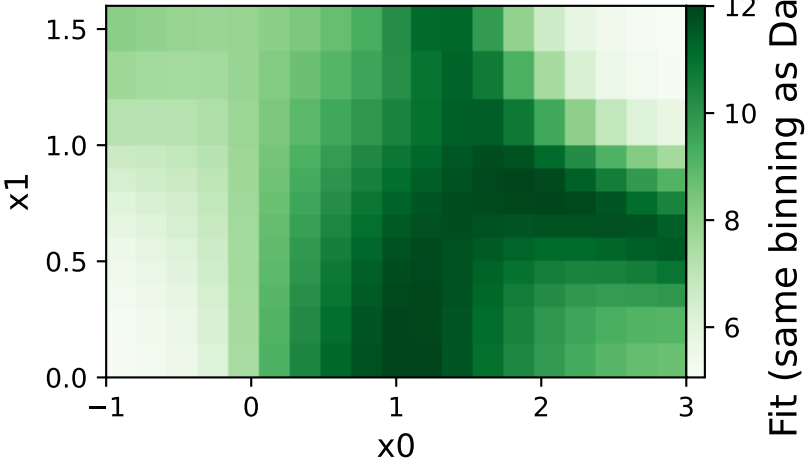
$a1 = -2.21908^{+0.131(5.9\%)}_{-0.131(5.9\%)}$, $a2 = -1.77834^{+0.0522(2.94\%)}_{-0.0522(2.94\%)}$,
$a3 = -1.04169^{+0.0215(2.06\%)}_{-0.0215(2.06\%)}$, $a4 = -1.08349^{+0.0645(5.95\%)}_{-0.0645(5.95\%)}$,
$a5 = 1.53036^{+0.0965(6.31\%)}_{-0.0965(6.31\%)}$, $a6 = 2.04475^{+0.0367(1.79\%)}_{-0.0367(1.79\%)}$,
$a7 = 2.49465^{+0.466(18.7\%)}_{-0.466(18.7\%)}$, $a8 = 3.0134^{+0.14(4.65\%)}_{-0.14(4.65\%)}$,
$a9 = 3.56788^{+0.11(3.08\%)}_{-0.11(3.08\%)}$, $a10 = 6.71666^{+0.0546(0.813\%)}_{-0.0546(0.813\%)}$

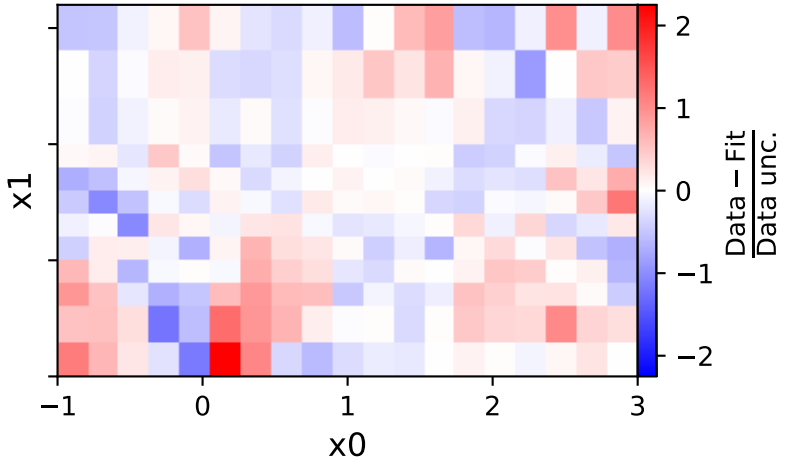
Candidate #41

χ^2/NDF = 45.96/218, p-value = 1.0, RMSE = 0.4206









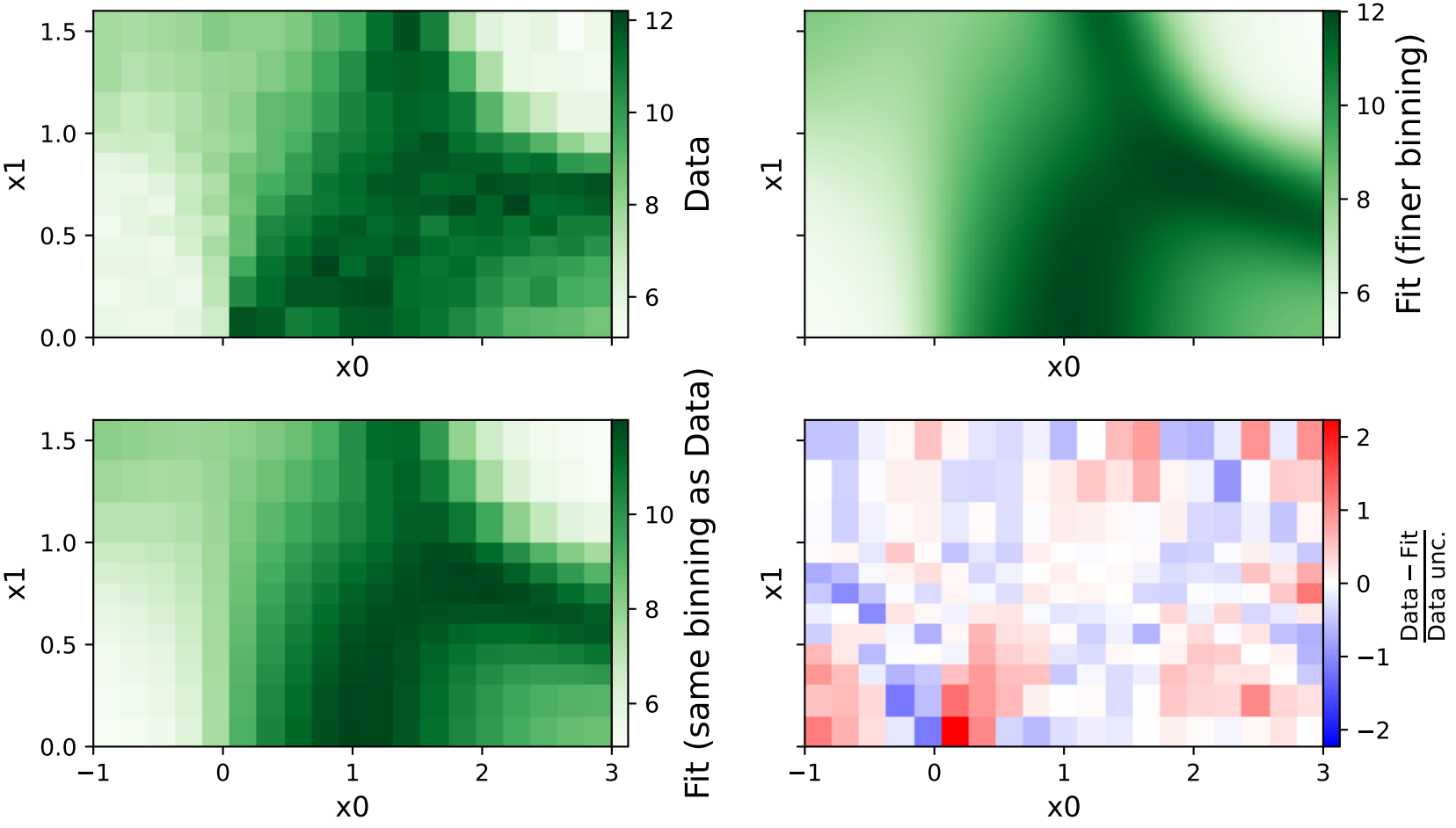
Candidate function #40

a10 + a2*tanh(a6*x0*x1 - 2*x0) + a8*gauss(a1 + a5*x1*(a4 + x0) + x1) + a9*gauss(a3 + x0) + gauss(2*x0)*gauss(x1)*tanh(a7*x0)

$a1 = -2.21787^{+0.129(5.82\%)}_{-0.129(5.82\%)}$, $a2 = -1.76712^{+0.0498(2.82\%)}_{-0.0498(2.82\%)}$,
$a3 = -1.04314^{+0.0213(2.04\%)}_{-0.0213(2.04\%)}$, $a4 = -1.08025^{+0.0635(5.88\%)}_{-0.0635(5.88\%)}$,
$a5 = 1.52724^{+0.0951(6.23\%)}_{-0.0951(6.23\%)}$, $a6 = 2.04934^{+0.0362(1.77\%)}_{-0.0362(1.77\%)}$,
$a7 = 2.72$, $a8 = 3.01421^{+0.138(4.58\%)}_{-0.138(4.58\%)}$,
$a9 = 3.53395^{+0.101(2.86\%)}_{-0.101(2.86\%)}$, $a10 = 6.73478^{+0.049(0.728\%)}_{-0.049(0.728\%)}$

Candidate #40

χ^2/NDF = 45.17/219, p-value = 1.0, RMSE = 0.4165



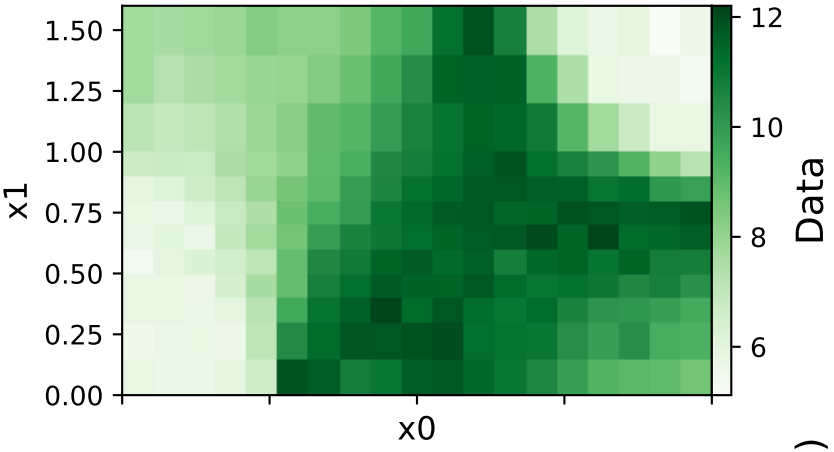
Candidate function #39

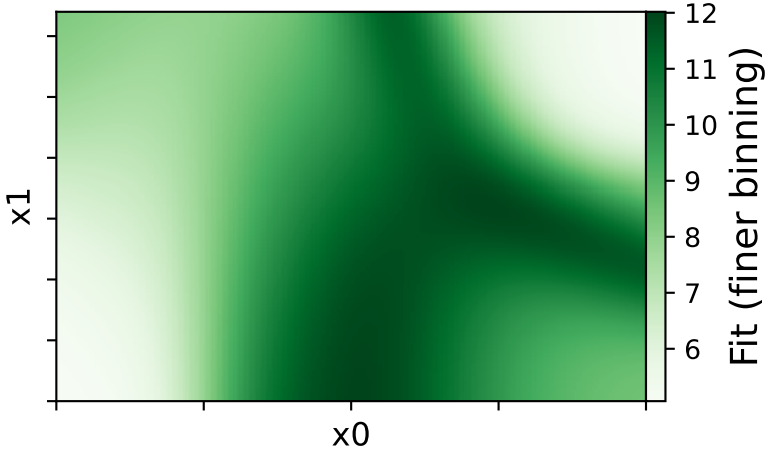
a2*tanh(a6*x0*x1 - 2*x0) + a7*gauss(a1 + a5*x1*(a4 + x0) + x1) + a8*gauss(a3 + x0) + a9 + 2*x0*gauss(2*x0)*gauss(x1)

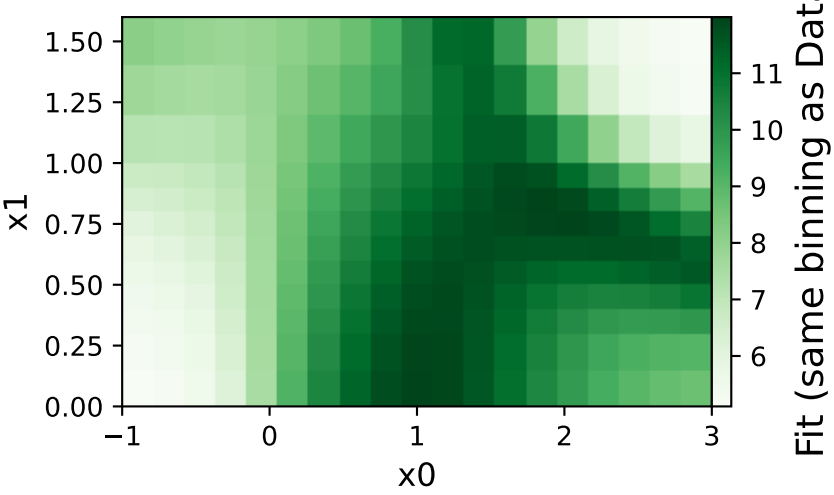
$a1 = -2.2199^{+0.132(5.95\%)}_{-0.132(5.95\%)}$, $a2 = -1.75934^{+0.0506(2.88\%)}_{-0.0506(2.88\%)}$,
$a3 = -1.04514^{+0.0218(2.09\%)}_{-0.0218(2.09\%)}$, $a4 = -1.07718^{+0.0648(6.02\%)}_{-0.0648(6.02\%)}$,
$a5 = 1.52665^{+0.0968(6.34\%)}_{-0.0968(6.34\%)}$, $a6 = 2.05231^{+0.0371(1.81\%)}_{-0.0371(1.81\%)}$,
$a7 = 3.01461^{+0.141(4.68\%)}_{-0.141(4.68\%)}$, $a8 = 3.5127^{+0.103(2.93\%)}_{-0.103(2.93\%)}$,
$a9 = 6.74563^{+0.0498(0.738\%)}_{-0.0498(0.738\%)}$

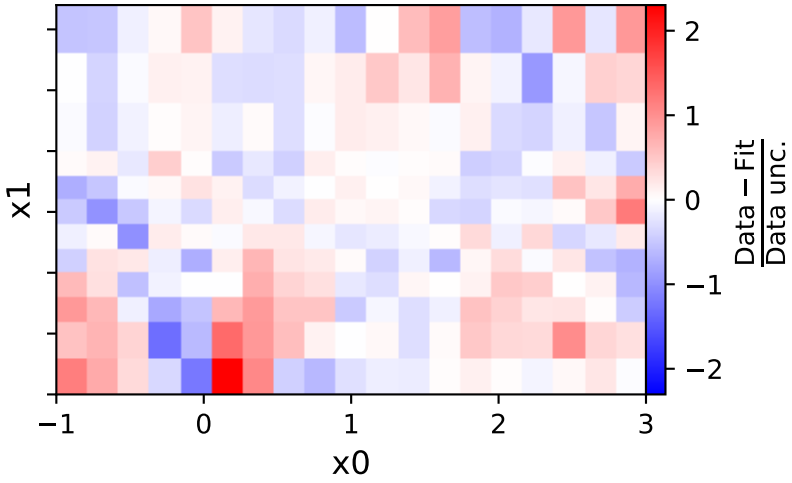
Candidate #39

χ^2/NDF = 46.85/219, p-value = 1.0, RMSE = 0.4226









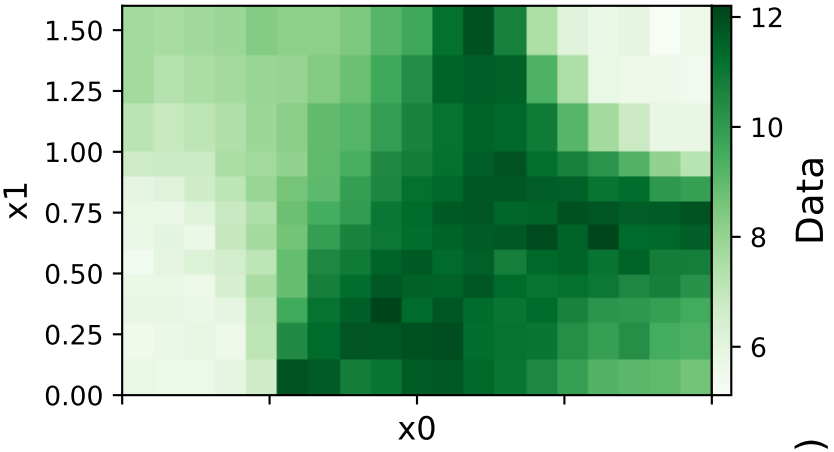
Candidate function #38

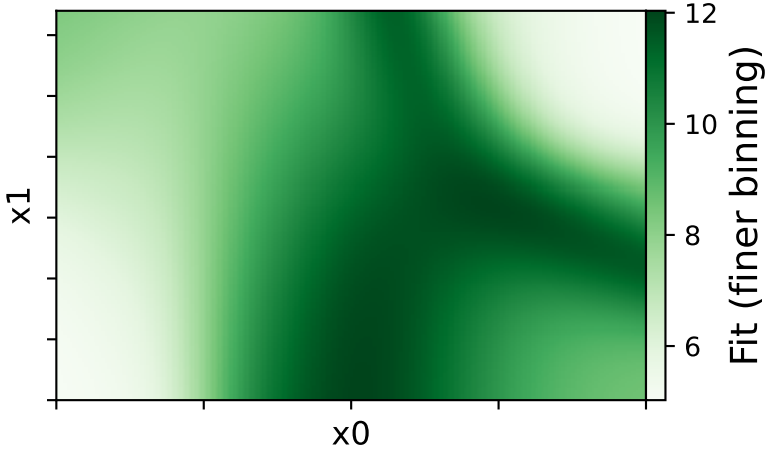
a2*tanh(a6*x0*x1 - 2*x0) + a7*gauss(a1 + a5*x1*(a4 + x0) + x1) + a8*gauss(a3 + x0) + a9 + gauss(2*x0)*gauss(x1)*tanh(2*x0)

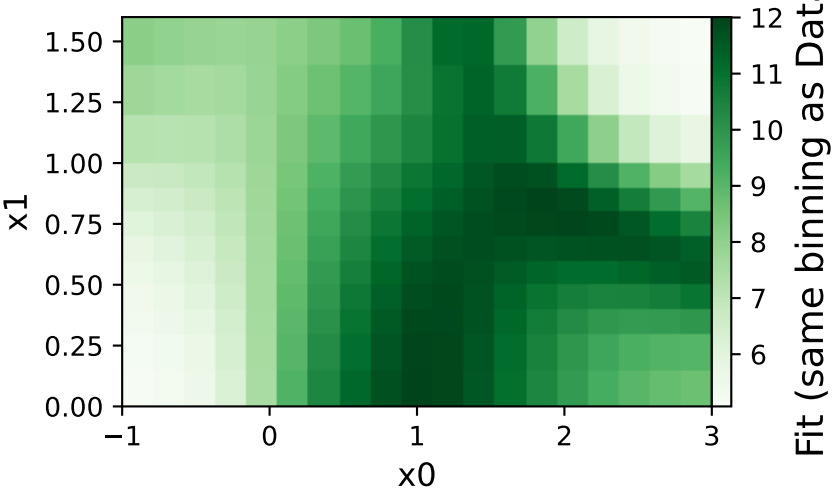
$a1 = -2.22069^{+0.133(5.99\%)}_{-0.133(5.99\%)}$, $a2 = -1.77442^{+0.051(2.87\%)}_{-0.051(2.87\%)}$,
$a3 = -1.04292^{+0.0216(2.07\%)}_{-0.0216(2.07\%)}$, $a4 = -1.08188^{+0.065(6.01\%)}_{-0.065(6.01\%)}$,
$a5 = 1.5305^{+0.0977(6.38\%)}_{-0.0977(6.38\%)}$, $a6 = 2.04617^{+0.0368(1.8\%)}_{-0.0368(1.8\%)}$,
$a7 = 3.01368^{+0.142(4.71\%)}_{-0.142(4.71\%)}$, $a8 = 3.55819^{+0.104(2.92\%)}_{-0.104(2.92\%)}$,
$a9 = 6.72141^{+0.0502(0.747\%)}_{-0.0502(0.747\%)}$

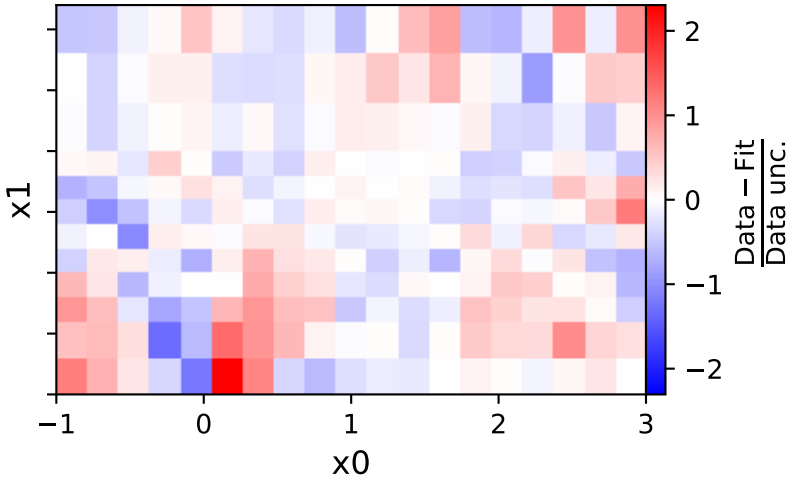
Candidate #38

χ^2/NDF = 47.42/219, p-value = 1.0, RMSE = 0.4262









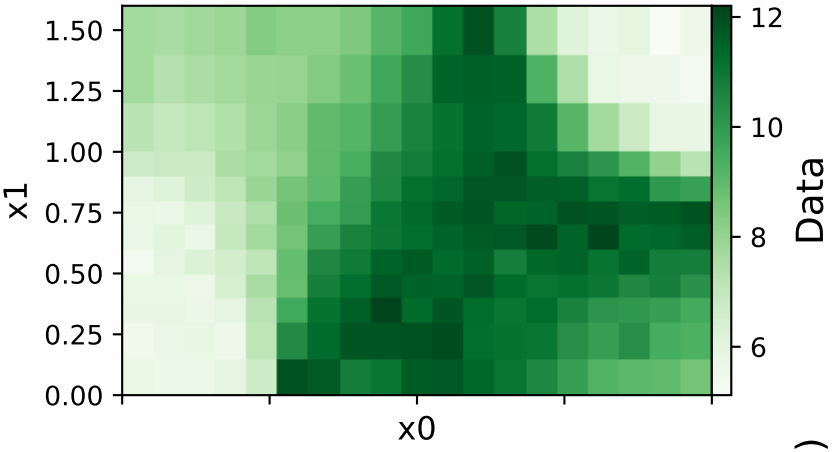
Candidate function #37

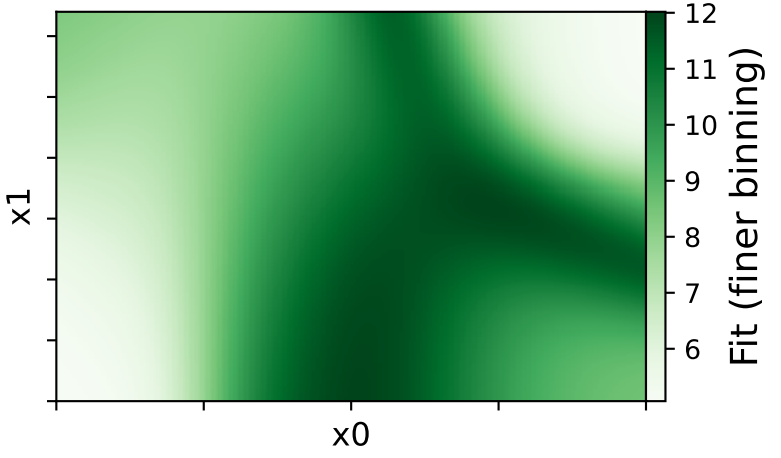
a2*tanh(a6*x0*x1 - 2*x0) + a7*gauss(a1 + a5*x1*(a4 + x0) + x1) + a8*gauss(a3 + x0) + a9 + 2*x0*gauss(2*x0)*gauss(x1)

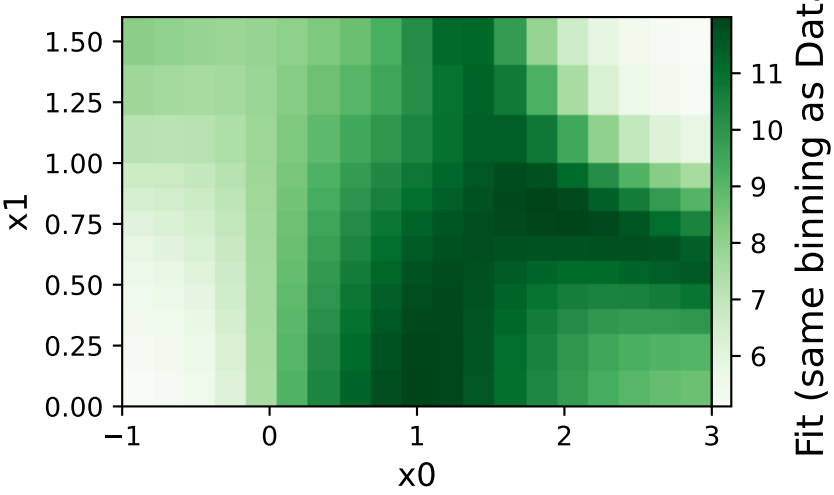
$a1 = -2.21989^{+0.132(5.95\%)}_{-0.132(5.95\%)}$, $a2 = -1.75934^{+0.0506(2.88\%)}_{-0.0506(2.88\%)}$,
$a3 = -1.04514^{+0.0218(2.09\%)}_{-0.0218(2.09\%)}$, $a4 = -1.07718^{+0.0648(6.02\%)}_{-0.0648(6.02\%)}$,
$a5 = 1.52665^{+0.0968(6.34\%)}_{-0.0968(6.34\%)}$, $a6 = 2.05231^{+0.0371(1.81\%)}_{-0.0371(1.81\%)}$,
$a7 = 3.01461^{+0.141(4.68\%)}_{-0.141(4.68\%)}$, $a8 = 3.5127^{+0.103(2.93\%)}_{-0.103(2.93\%)}$,
$a9 = 6.74563^{+0.0498(0.738\%)}_{-0.0498(0.738\%)}$

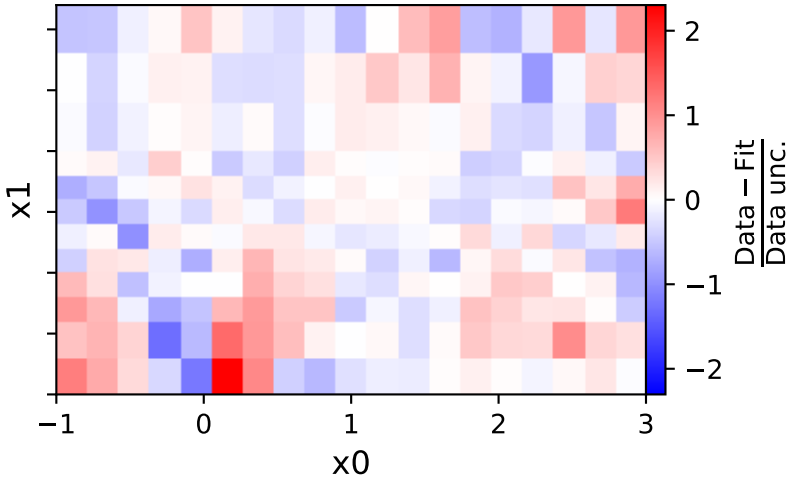
Candidate #37

χ^2/NDF = 46.85/219, p-value = 1.0, RMSE = 0.4226









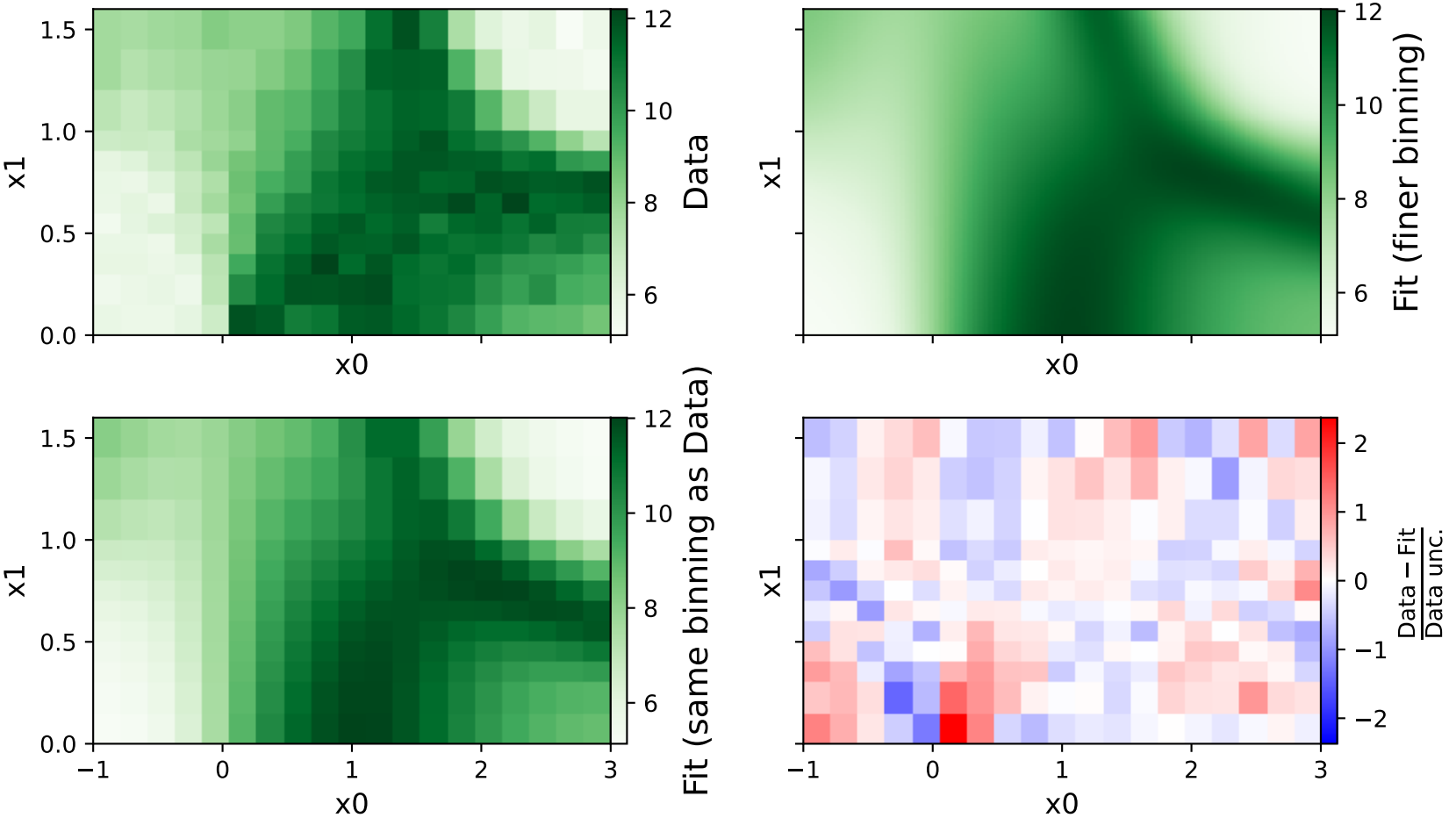
Candidate function #36

a10 + a2*tanh(a6*x0*x1 - 2*x0) + a5*x0*gauss(a7*x0) + a8*gauss(a1 + a5*x1*(a4 + x0) + x1) + a9*gauss(a3 + x0)

$a1 = -2.37494^{+0.142(5.98\%)}_{-0.142(5.98\%)}$, $a2 = -1.80493^{+0.0512(2.84\%)}_{-0.0512(2.84\%)}$,
$a3 = -1.06932^{+0.0236(2.21\%)}_{-0.0236(2.21\%)}$, $a4 = -1.01054^{+0.0697(6.9\%)}_{-0.0697(6.9\%)}$,
$a5 = 1.57278^{+0.0956(6.08\%)}_{-0.0956(6.08\%)}$, $a6 = 2.07747^{+0.0412(1.98\%)}_{-0.0412(1.98\%)}$,
$a7 = 1.844^{+0.258(14.0\%)}_{-0.258(14.0\%)}$, $a8 = 3.0112^{+0.145(4.82\%)}_{-0.145(4.82\%)}$,
$a9 = 3.41588^{+0.142(4.16\%)}_{-0.142(4.16\%)}$, $a10 = 6.82897^{+0.0721(1.06\%)}_{-0.0721(1.06\%)}$

Candidate #36

χ^2/NDF = 49.12/218, p-value = 1.0, RMSE = 0.4344



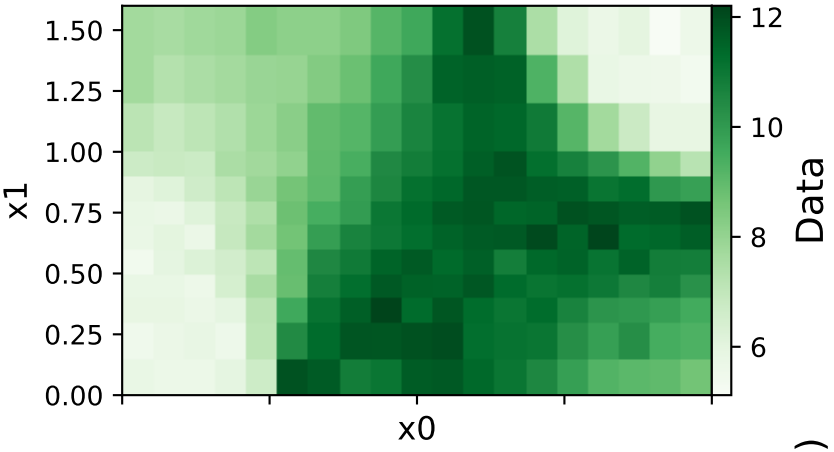
Candidate function #35

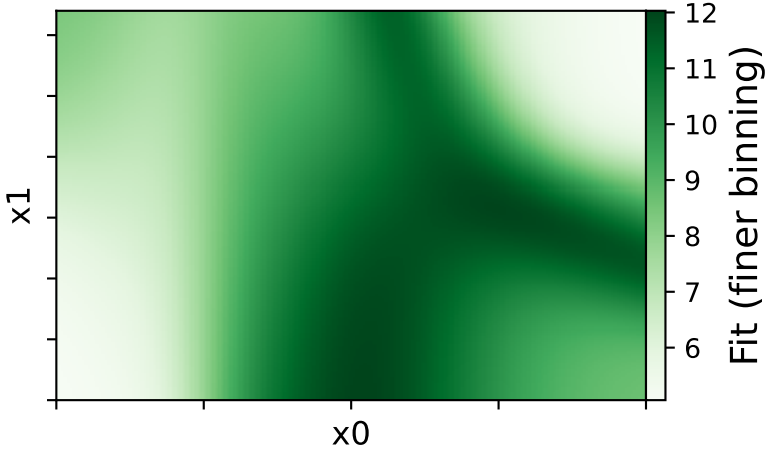
a2*tanh(a6*x0*x1 - 2*x0) + a7*gauss(a1 + a5*x1*(a4 + x0) + x1) + a8*gauss(a3 + x0) + a9 + gauss(2*x0)*tanh(2*x0)

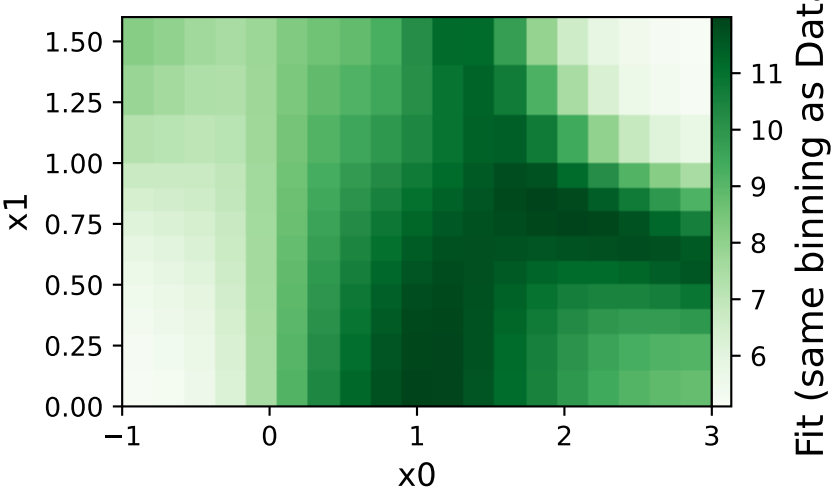
$a1 = -2.29698^{+0.137(5.96\%)}_{-0.137(5.96\%)}$, $a2 = -1.80677^{+0.0507(2.81\%)}_{-0.0507(2.81\%)}$,
$a3 = -1.05872^{+0.0221(2.09\%)}_{-0.0221(2.09\%)}$, $a4 = -1.03244^{+0.0672(6.51\%)}_{-0.0672(6.51\%)}$,
$a5 = 1.52183^{+0.0978(6.43\%)}_{-0.0978(6.43\%)}$, $a6 = 2.07456^{+0.038(1.83\%)}_{-0.038(1.83\%)}$,
$a7 = 3.01401^{+0.145(4.81\%)}_{-0.145(4.81\%)}$, $a8 = 3.46168^{+0.105(3.03\%)}_{-0.105(3.03\%)}$,
$a9 = 6.78558^{+0.0497(0.732\%)}_{-0.0497(0.732\%)}$

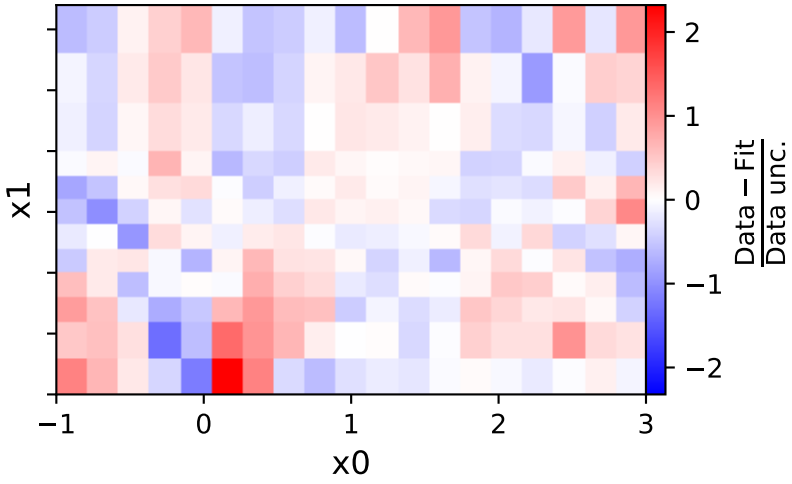
Candidate #35

χ^2/NDF = 48.5/219, p-value = 1.0, RMSE = 0.4306









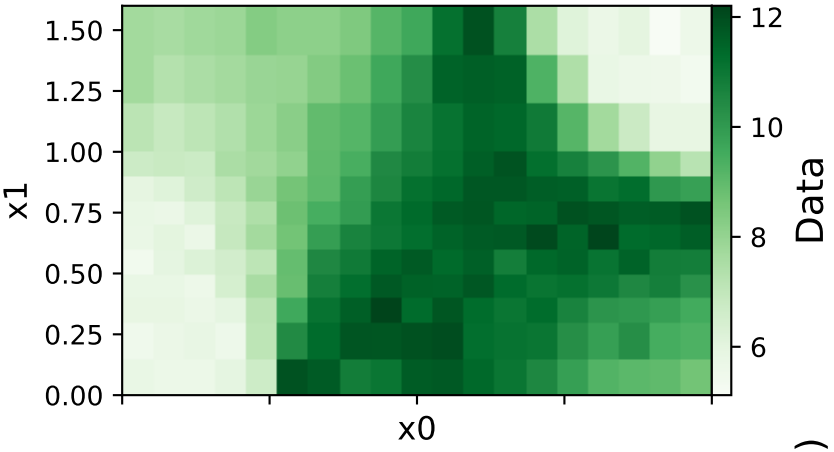
Candidate function #34

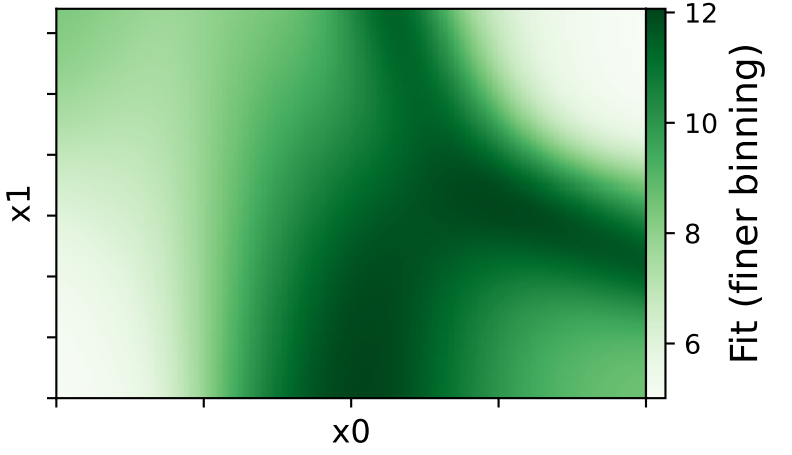
a2*tanh(a6*x0*x1 - 2*x0) + a7*gauss(a1 + a5*x1*(a4 + x0) + x1) + a8*gauss(a3 + x0) + a9 + x0*gauss(2*x0)

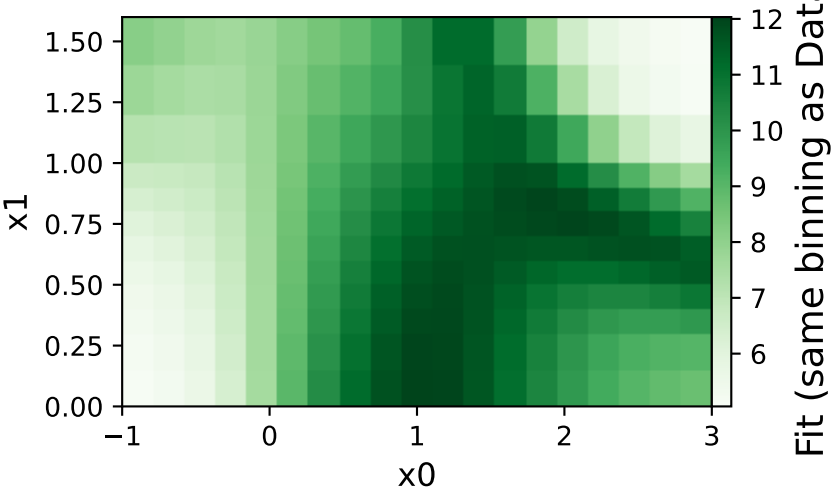
$a1 = -2.27543^{+0.141(6.2\%)}_{-0.141(6.2\%)}$, $a2 = -1.80973^{+0.0527(2.91\%)}_{-0.0527(2.91\%)}$,
$a3 = -1.05216^{+0.0224(2.13\%)}_{-0.0224(2.13\%)}$, $a4 = -1.05418^{+0.0686(6.51\%)}_{-0.0686(6.51\%)}$,
$a5 = 1.53247^{+0.102(6.66\%)}_{-0.102(6.66\%)}$, $a6 = 2.05828^{+0.0383(1.86\%)}_{-0.0383(1.86\%)}$,
$a7 = 3.0124^{+0.149(4.95\%)}_{-0.149(4.95\%)}$, $a8 = 3.54117^{+0.108(3.05\%)}_{-0.108(3.05\%)}$,
$a9 = 6.73812^{+0.0517(0.767\%)}_{-0.0517(0.767\%)}$

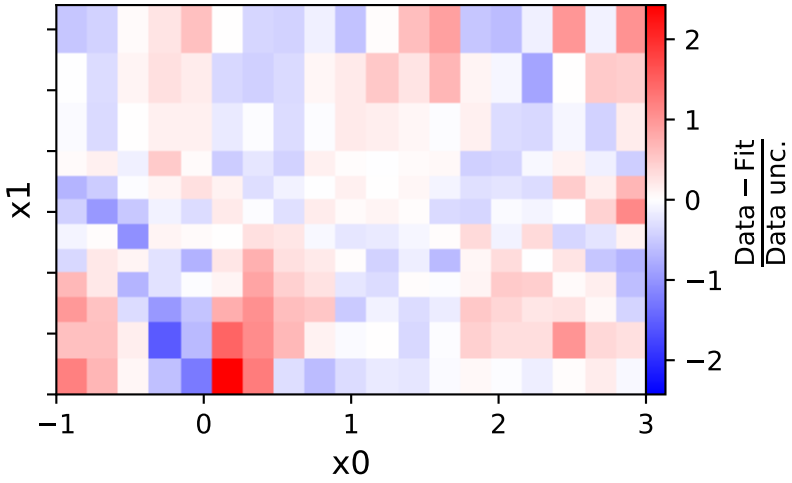
Candidate #34

χ^2/NDF = 51.75/219, p-value = 1.0, RMSE = 0.4445









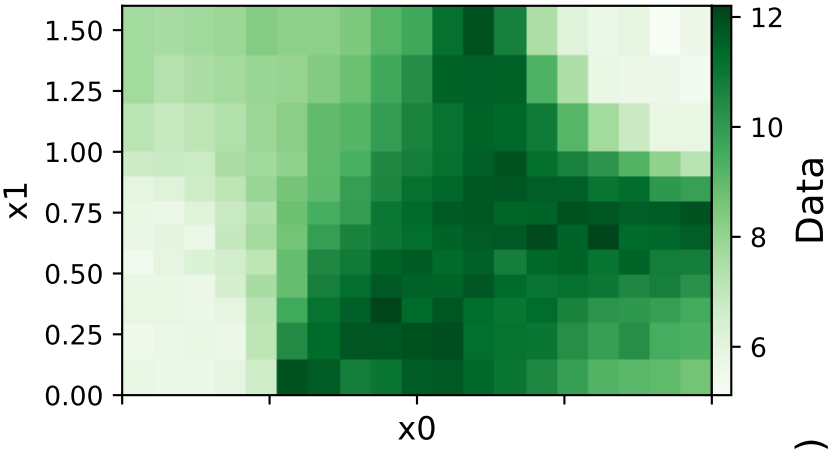
Candidate function #33

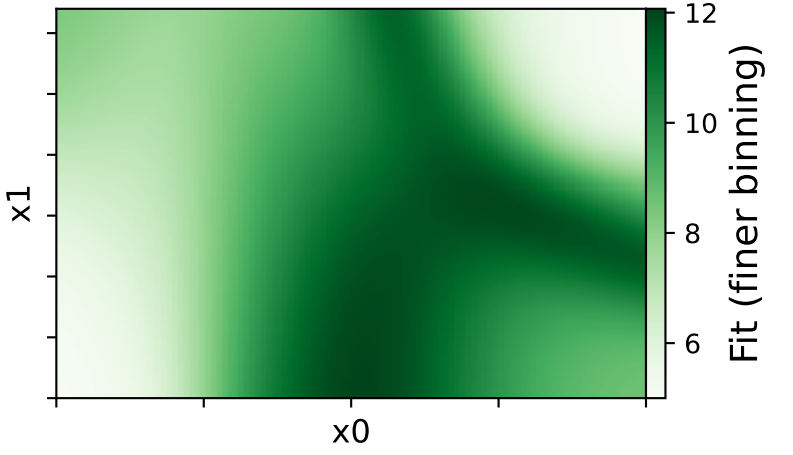
a2*tanh(a6*x0*x1 - 2*x0) + a7*gauss(a1 + a5*x1*(a4 + x0) + x1) + a8*gauss(a3 + x0) + a9 + gauss(2*x0)*tanh(x0)

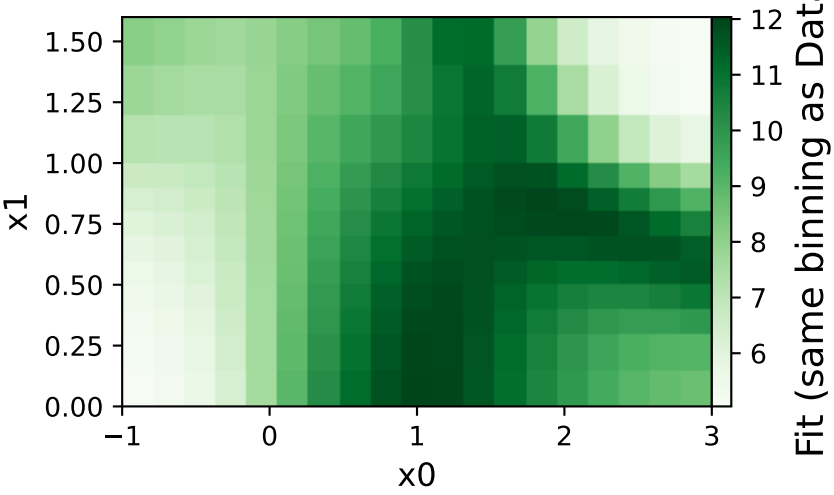
$a1 = -2.2707^{+0.141(6.21\%)}_{-0.141(6.21\%)}$, $a2 = -1.81058^{+0.0528(2.92\%)}_{-0.0528(2.92\%)}$,
$a3 = -1.0509^{+0.0224(2.13\%)}_{-0.0224(2.13\%)}$, $a4 = -1.0575^{+0.0687(6.5\%)}_{-0.0687(6.5\%)}$,
$a5 = 1.53266^{+0.102(6.66\%)}_{-0.102(6.66\%)}$, $a6 = 2.05571^{+0.0383(1.86\%)}_{-0.0383(1.86\%)}$,
$a7 = 3.01206^{+0.149(4.95\%)}_{-0.149(4.95\%)}$, $a8 = 3.55437^{+0.108(3.04\%)}_{-0.108(3.04\%)}$,
$a9 = 6.7302^{+0.0518(0.77\%)}_{-0.0518(0.77\%)}$

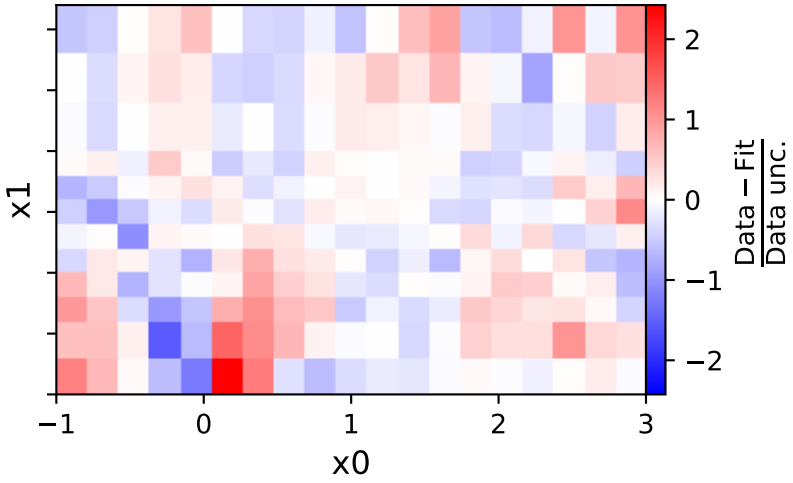
Candidate #33

χ^2/NDF = 51.92/219, p-value = 1.0, RMSE = 0.4452









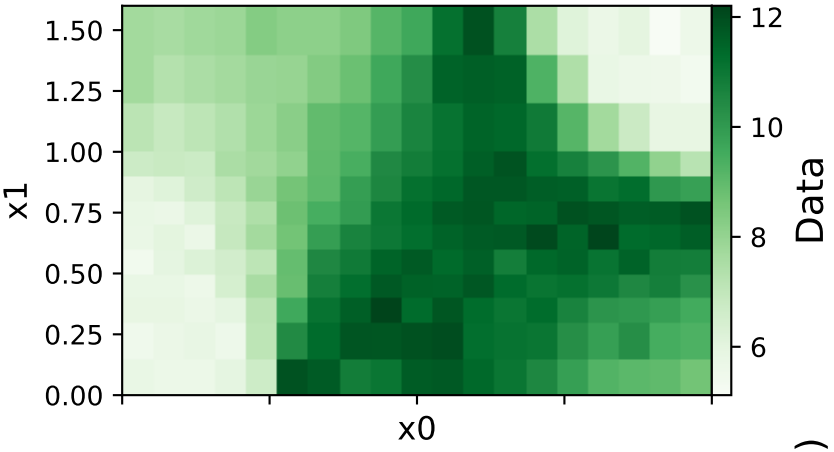
Candidate function #32

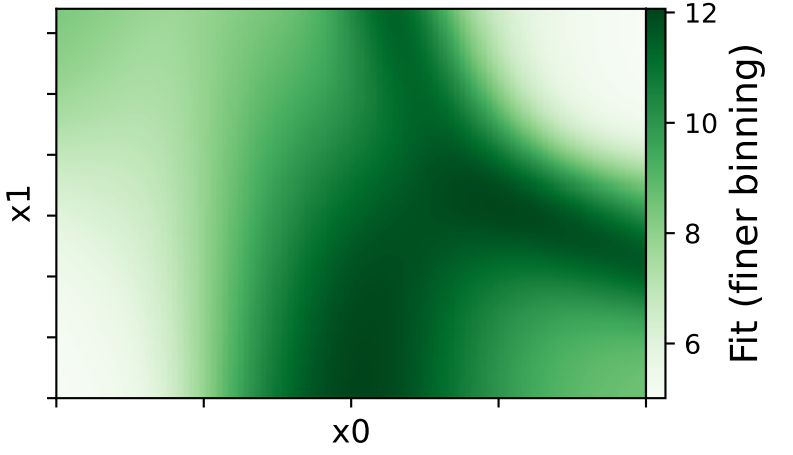
a2*tanh(a6*x0*x1 - 2*x0) + a7*gauss(a1 + a5*x1*(a4 + x0) + x1) + a8*gauss(a3 + x0) + a9 + x0*gauss(2*x0)

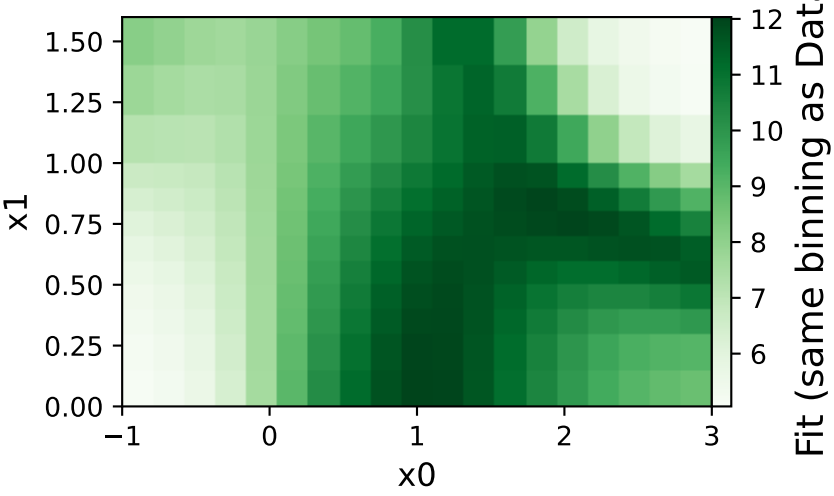
$a1 = -2.27543^{+0.141(6.2\%)}_{-0.141(6.2\%)}$, $a2 = -1.80973^{+0.0527(2.91\%)}_{-0.0527(2.91\%)}$,
$a3 = -1.05216^{+0.0224(2.13\%)}_{-0.0224(2.13\%)}$, $a4 = -1.05418^{+0.0686(6.51\%)}_{-0.0686(6.51\%)}$,
$a5 = 1.53247^{+0.102(6.66\%)}_{-0.102(6.66\%)}$, $a6 = 2.05828^{+0.0383(1.86\%)}_{-0.0383(1.86\%)}$,
$a7 = 3.0124^{+0.149(4.95\%)}_{-0.149(4.95\%)}$, $a8 = 3.54117^{+0.108(3.05\%)}_{-0.108(3.05\%)}$,
$a9 = 6.73812^{+0.0517(0.767\%)}_{-0.0517(0.767\%)}$

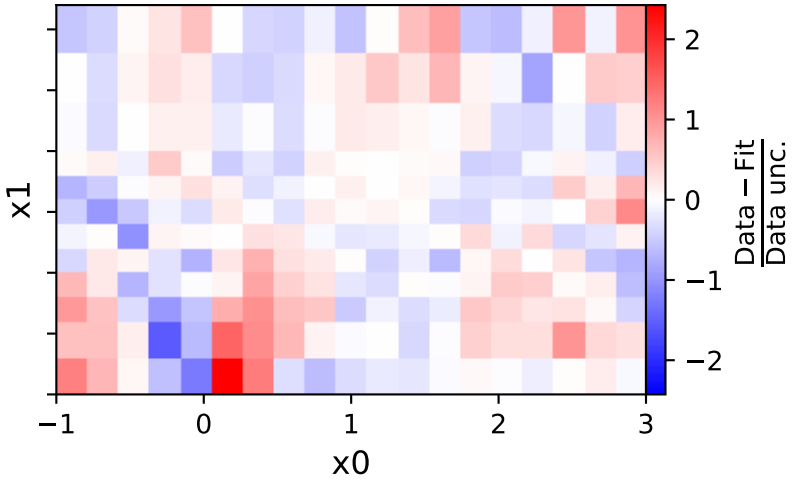
Candidate #32

χ^2/NDF = 51.75/219, p-value = 1.0, RMSE = 0.4445









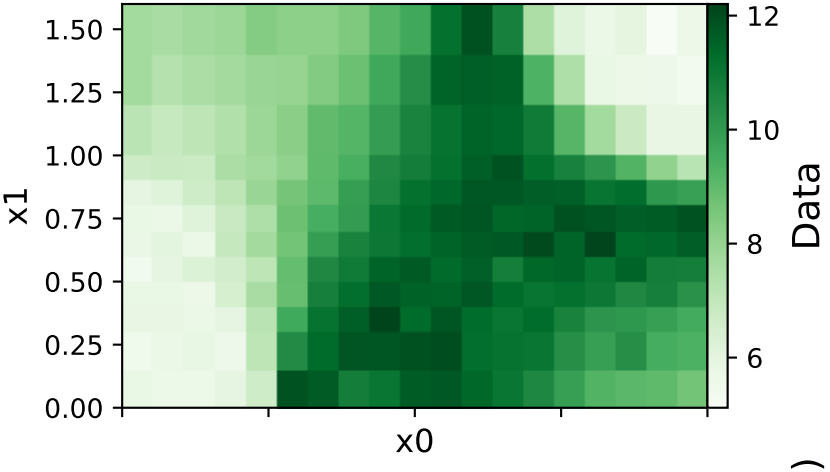
Candidate function #31

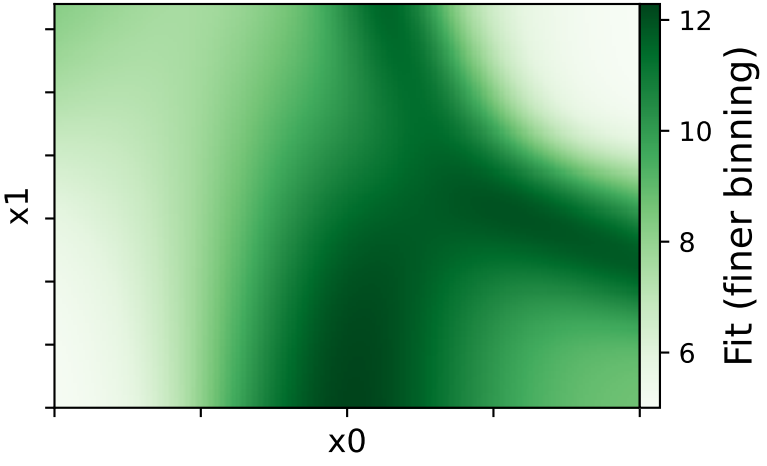
a6*tanh(a2*x1*(a4 + x0) + 2*x0) + a7*gauss(a1 + a5*x1*(a3 + x0) + x1) + a8*gauss(a3 + x0) + a9

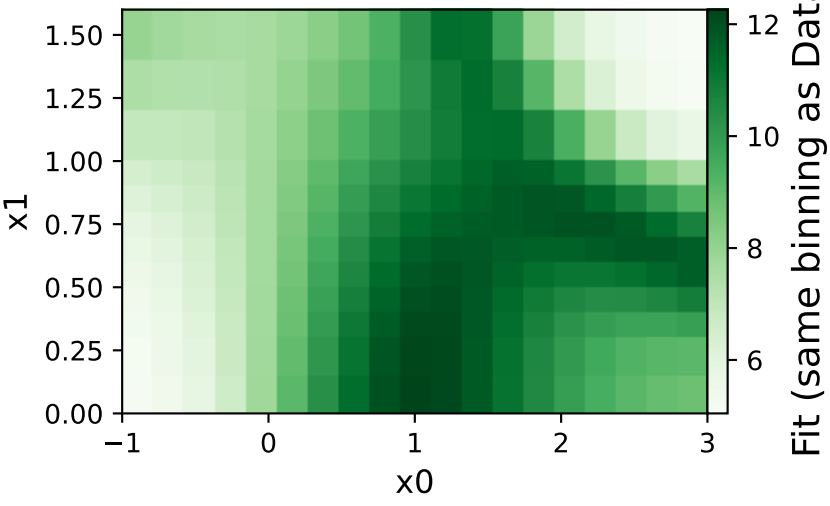
$a1 = -2.34737^{+0.0859(3.66\%)}_{-0.0859(3.66\%)}$, $a2 = -2.01955^{+0.0391(1.94\%)}_{-0.0391(1.94\%)}$,
$a3 = -1.01277^{+0.0175(1.73\%)}_{-0.0175(1.73\%)}$, $a4 = 0.0831$,
$a5 = 1.52146^{+0.1(6.57\%)}_{-0.1(6.57\%)}$, $a6 = 1.85326^{+0.0521(2.81\%)}_{-0.0521(2.81\%)}$,
$a7 = 3.08425^{+0.154(4.99\%)}_{-0.154(4.99\%)}$, $a8 = 3.69653^{+0.111(3.0\%)}_{-0.111(3.0\%)}$,
$a9 = 6.7851^{+0.0481(0.709\%)}_{-0.0481(0.709\%)}$

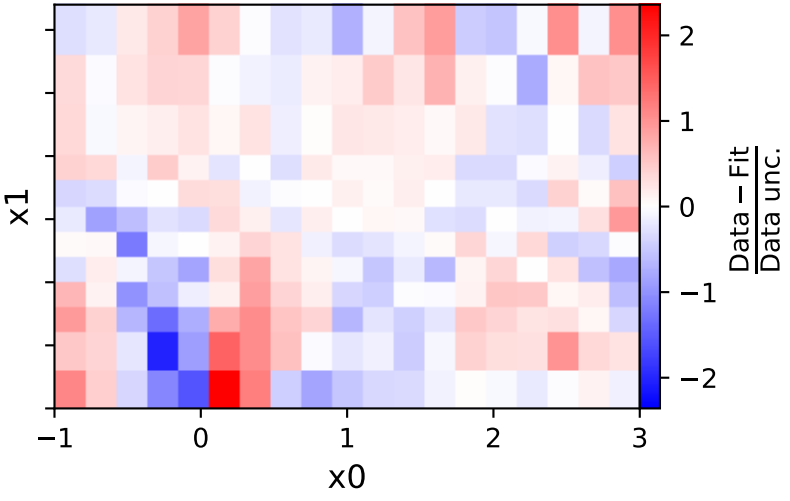
Candidate #31

χ^2/NDF = 57.06/220, p-value = 1.0, RMSE = 0.4548









Candidate function #30

a10 + a2*tanh(a7*x0*x1 - 2*x0) + a8*gauss(a1 + a5*x1*(a4 + x0) + x1) + a9*gauss(a3 + x0) + x0*gauss(-a2)

$a1 = -2.24113^{+0.145(6.47\%)}_{-0.145(6.47\%)}$, $a2 = -1.781^{+0.0574(3.22\%)}_{-0.0574(3.22\%)}$,

$a3 = -1.02713^{+0.0233(2.27\%)}_{-0.0233(2.27\%)}$, $a4 = -1.08516^{+0.0695(6.4\%)}_{-0.0695(6.4\%)}$,

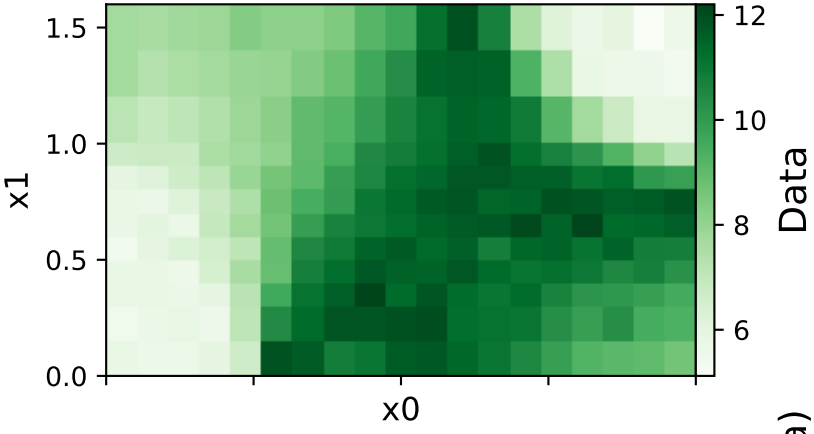
$a5 = 1.54589^{+0.109(7.05\%)}_{-0.109(7.05\%)}$, $a6 = 1.84$,

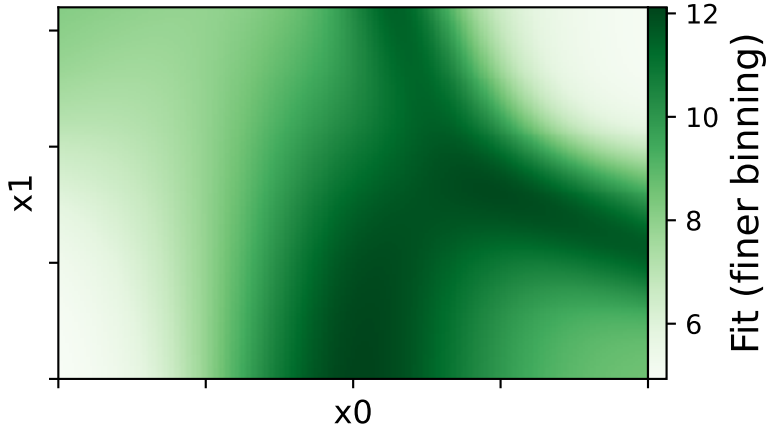
$a7 = 2.05446^{+0.0421(2.05\%)}_{-0.0421(2.05\%)}$, $a8 = 3.03262^{+0.157(5.18\%)}_{-0.157(5.18\%)}$,

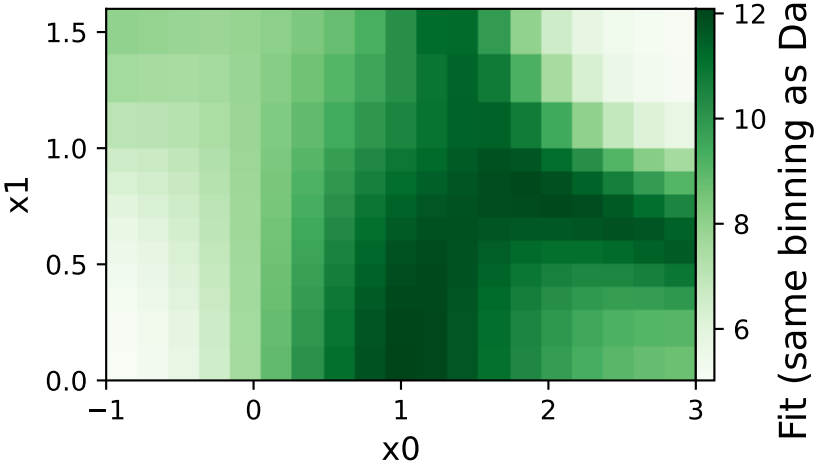
$a9 = 3.71686^{+0.114(3.07\%)}_{-0.114(3.07\%)}$, $a10 = 6.61036^{+0.0581(0.879\%)}_{-0.0581(0.879\%)}$

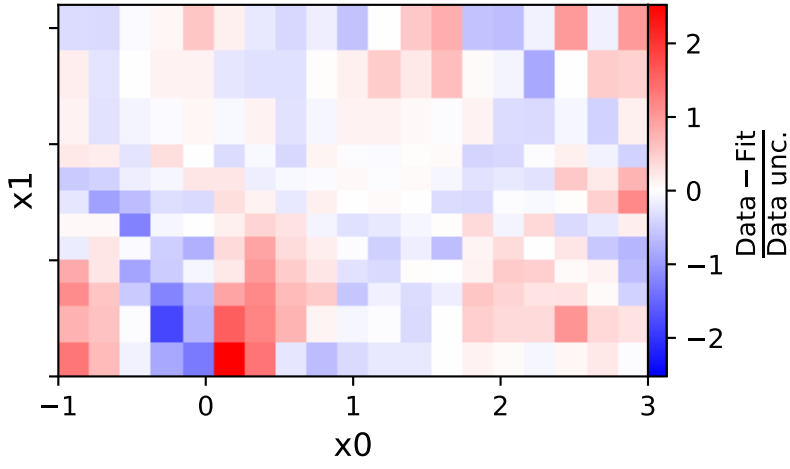
Candidate #30

χ^2/NDF = 58.3/219, p-value = 1.0, RMSE = 0.4678









Candidate function #29

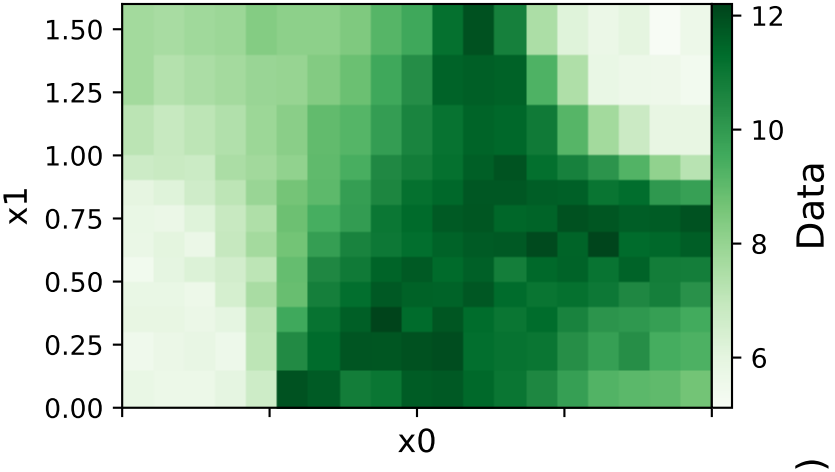
SymbolFit

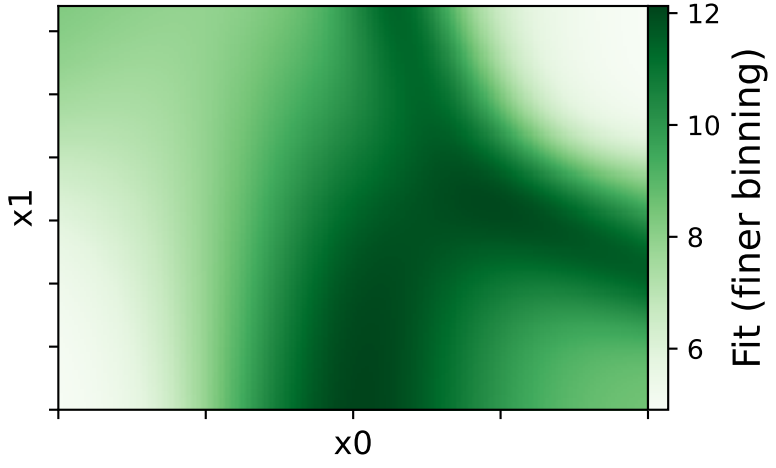
a2*tanh(a6*x0*x1 - 2*x0) + a7*gauss(a1 + a5*x1*(a4 + x0) + x1) + a8*gauss(a3 + x0) + a9

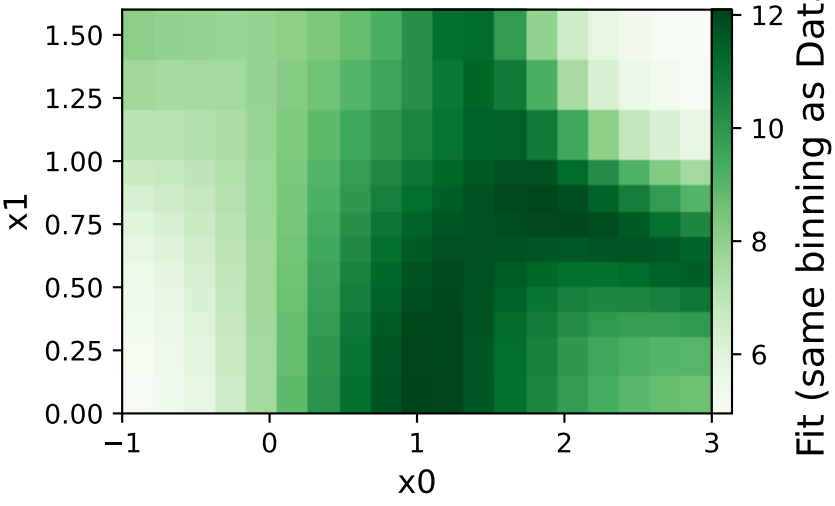
$a1 = -2.22962^{+0.15(6.73\%)}_{-0.15(6.73\%)}$, $a2 = -1.81858^{+0.0573(3.15\%)}_{-0.0573(3.15\%)}$,
$a3 = -1.039^{+0.0234(2.25\%)}_{-0.0234(2.25\%)}$, $a4 = -1.09454^{+0.0722(6.6\%)}_{-0.0722(6.6\%)}$,
$a5 = 1.5473^{+0.111(7.17\%)}_{-0.111(7.17\%)}$, $a6 = 2.02707^{+0.0392(1.93\%)}_{-0.0392(1.93\%)}$,
$a7 = 3.01079^{+0.158(5.25\%)}_{-0.158(5.25\%)}$, $a8 = 3.69606^{+0.116(3.14\%)}_{-0.116(3.14\%)}$,
$a9 = 6.64518^{+0.0563(0.847\%)}_{-0.0563(0.847\%)}$

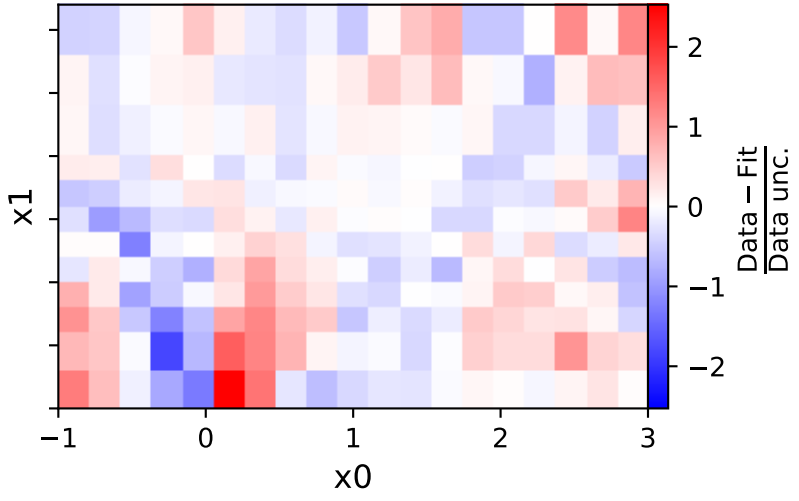
Candidate #29

χ^2/NDF = 59.69/219, p-value = 1.0, RMSE = 0.4725









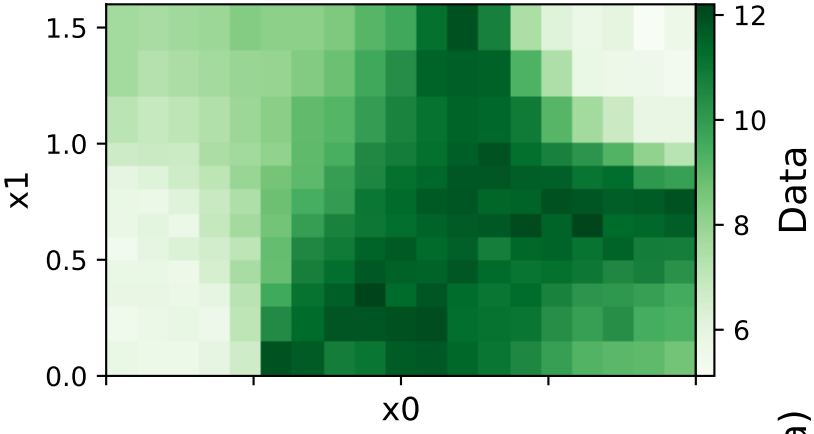
Candidate function #28

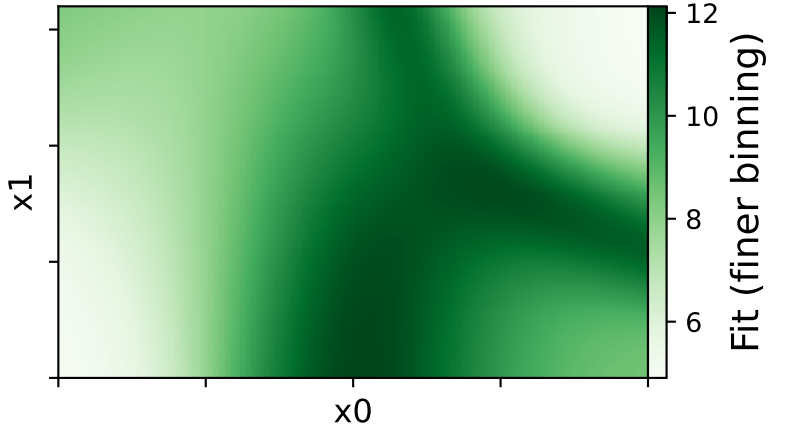
a10 + a2*tanh(a6*x0*x1 - 2*x0) + a8*gauss(a1 + a5*x1*(a4 + x0) + x1) + a9*gauss(a3 + x0) + gauss(a7)

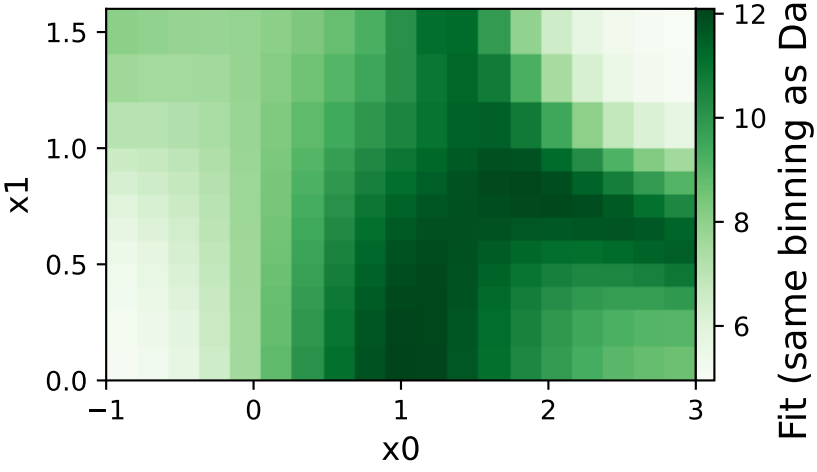
$a1 = -2.22962^{+0.15(6.73\%)}_{-0.15(6.73\%)}$, $a2 = -1.81858^{+0.0573(3.15\%)}_{-0.0573(3.15\%)}$,
$a3 = -1.039^{+0.0234(2.25\%)}_{-0.0234(2.25\%)}$, $a4 = -1.09454^{+0.0722(6.6\%)}_{-0.0722(6.6\%)}$,
$a5 = 1.5473^{+0.111(7.17\%)}_{-0.111(7.17\%)}$, $a6 = 2.02707^{+0.0392(1.93\%)}_{-0.0392(1.93\%)}$,
$a7 = 2.13$, $a8 = 3.01079^{+0.158(5.25\%)}_{-0.158(5.25\%)}$,
$a9 = 3.69606^{+0.116(3.14\%)}_{-0.116(3.14\%)}$, $a10 = 6.63448^{+0.0563(0.849\%)}_{-0.0563(0.849\%)}$

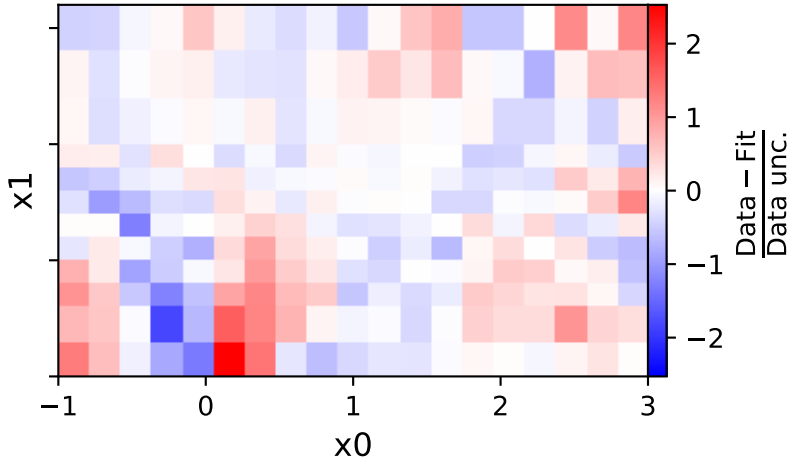
Candidate #28

χ^2/NDF = 59.69/219, p-value = 1.0, RMSE = 0.4725









Candidate function #27

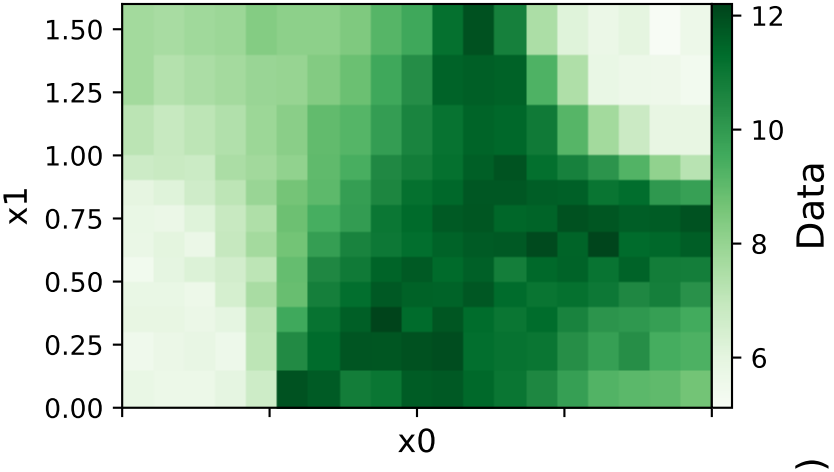
SymbolFit

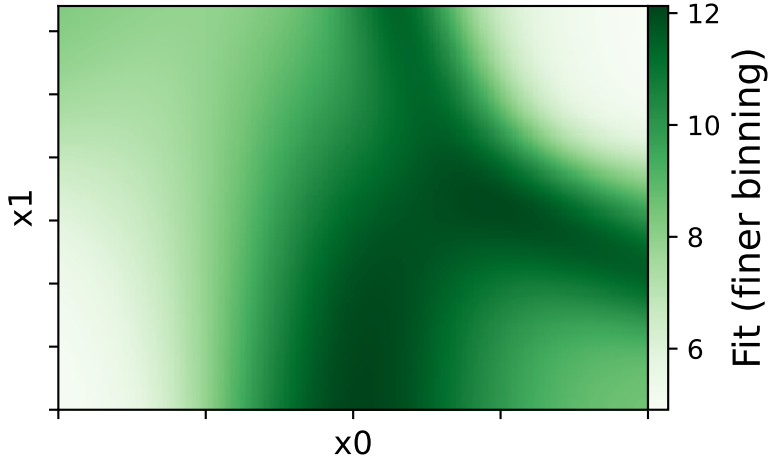
a2*tanh(a6*x0*x1 - 2*x0) + a7*gauss(a1 + a5*x1*(a4 + x0) + x1) + a8*gauss(a3 + x0) + a9

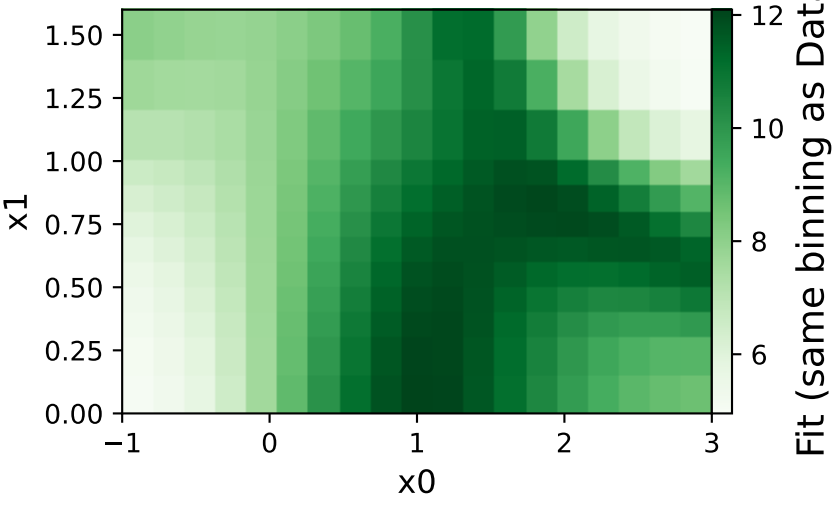
$a1 = -2.22962^{+0.15(6.73\%)}_{-0.15(6.73\%)}$, $a2 = -1.81858^{+0.0573(3.15\%)}_{-0.0573(3.15\%)}$,
$a3 = -1.039^{+0.0234(2.25\%)}_{-0.0234(2.25\%)}$, $a4 = -1.09454^{+0.0722(6.6\%)}_{-0.0722(6.6\%)}$,
$a5 = 1.5473^{+0.111(7.17\%)}_{-0.111(7.17\%)}$, $a6 = 2.02707^{+0.0392(1.93\%)}_{-0.0392(1.93\%)}$,
$a7 = 3.01079^{+0.158(5.25\%)}_{-0.158(5.25\%)}$, $a8 = 3.69606^{+0.116(3.14\%)}_{-0.116(3.14\%)}$,
$a9 = 6.64518^{+0.0563(0.847\%)}_{-0.0563(0.847\%)}$

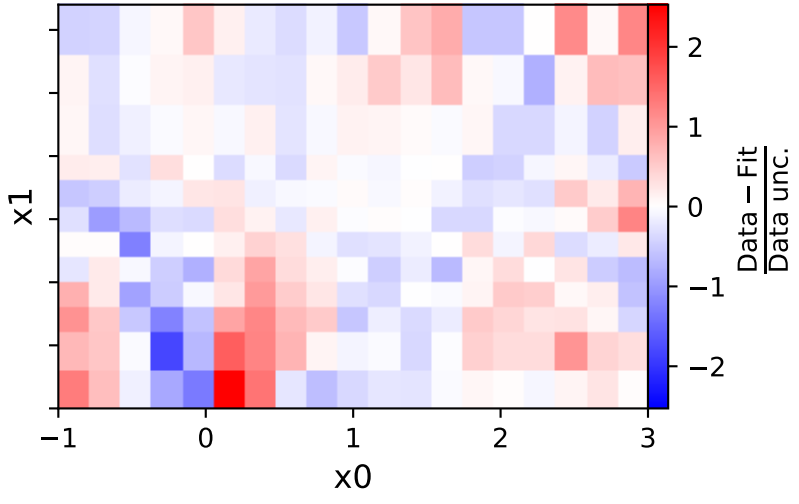
Candidate #27

χ^2/NDF = 59.69/219, p-value = 1.0, RMSE = 0.4725









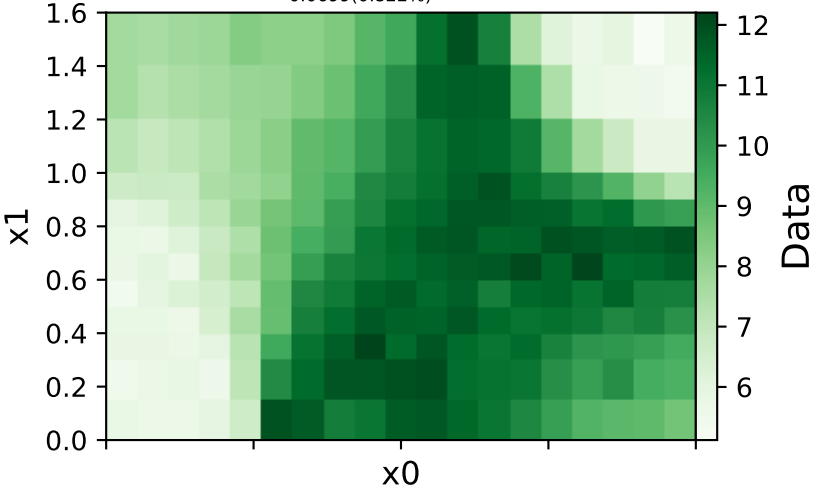
Candidate function #26

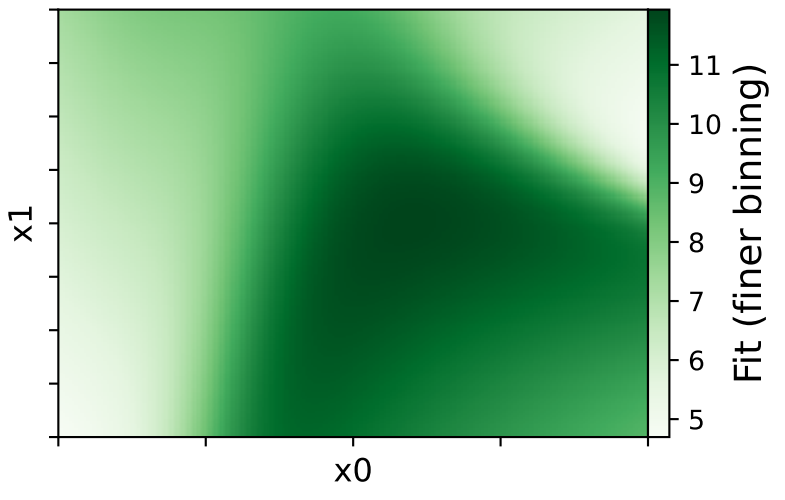
a6*tanh(a1*x1*(a4 + x0**2) + a5*x0) + a7 + 2*x1 - (a2 + a3*x0 + a3*gauss(a1*x0*x1))*tanh(x0)

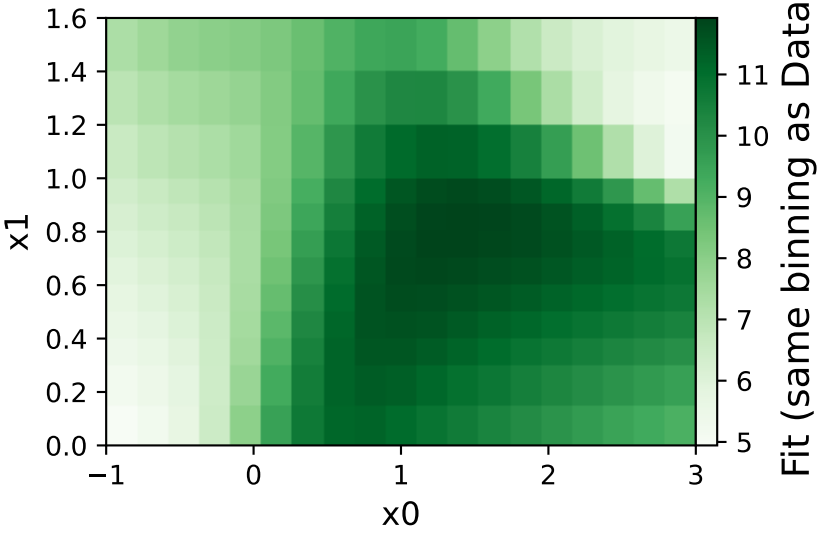
$a1 = -0.749627^{+0.0395(5.27\%)}_{-0.0395(5.27\%)}$, $a2 = -0.252416$,
$a3 = 0.899519^{+0.0411(4.57\%)}_{-0.0411(4.57\%)}$, $a4 = 1.40849^{+0.061(4.33\%)}_{-0.061(4.33\%)}$,
$a5 = 2.33045^{+0.115(4.93\%)}_{-0.115(4.93\%)}$, $a6 = 3.68363^{+0.0774(2.1\%)}_{-0.0774(2.1\%)}$,
$a7 = 8.50325^{+0.0699(0.822\%)}_{-0.0699(0.822\%)}$

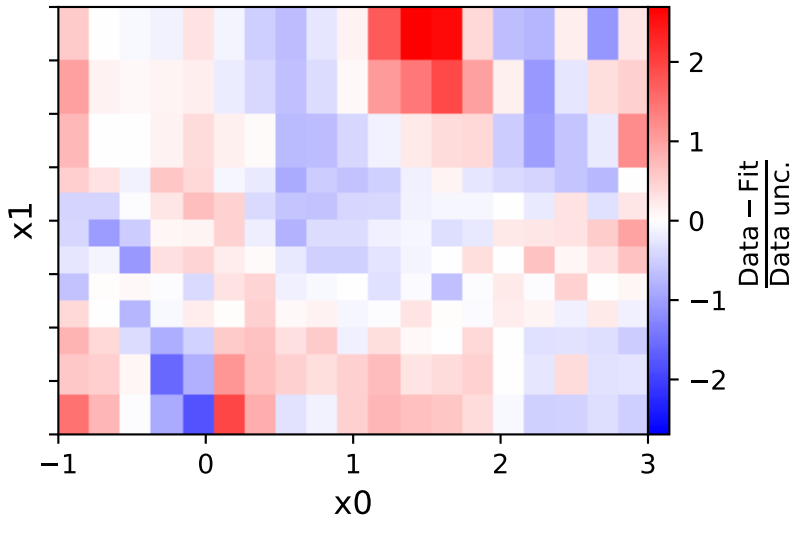
Candidate #26

χ^2/NDF = 81.11/222, p-value = 1.0, RMSE = 0.5756









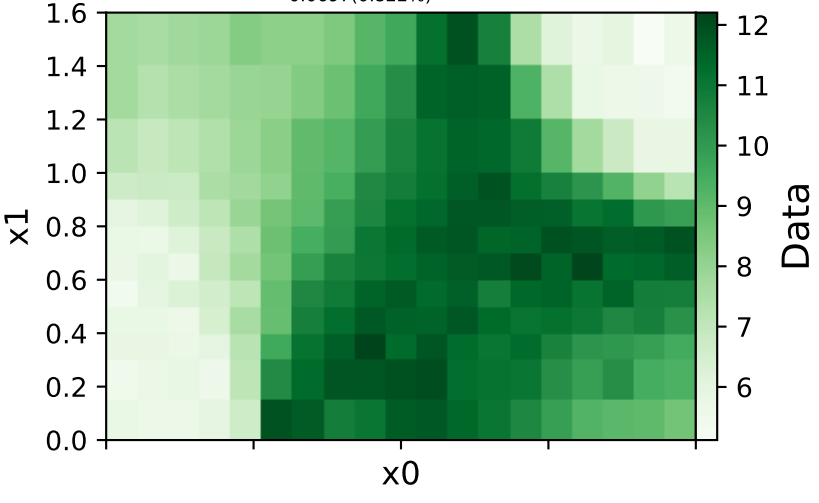
Candidate function #25

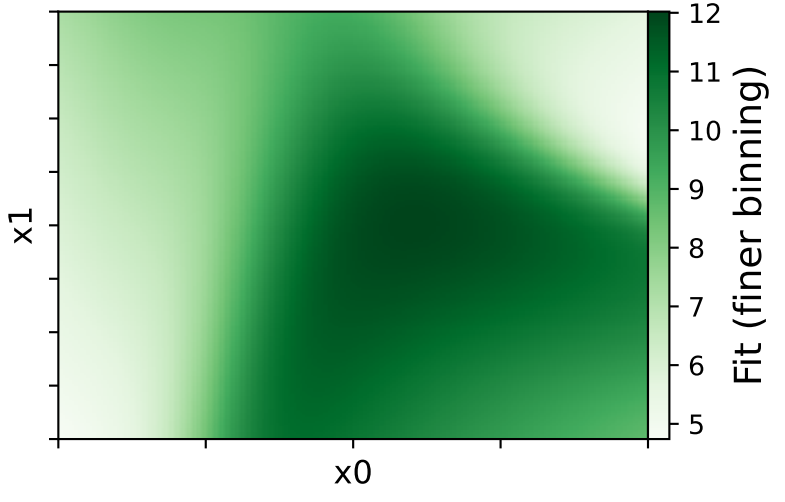
a6*tanh(a1*x1*(a4 + x0**2) + a5*x0) + a7 + 2*x1 - (a2 + a3*x0 + a3*gauss(x0*x1))*tanh(x0)

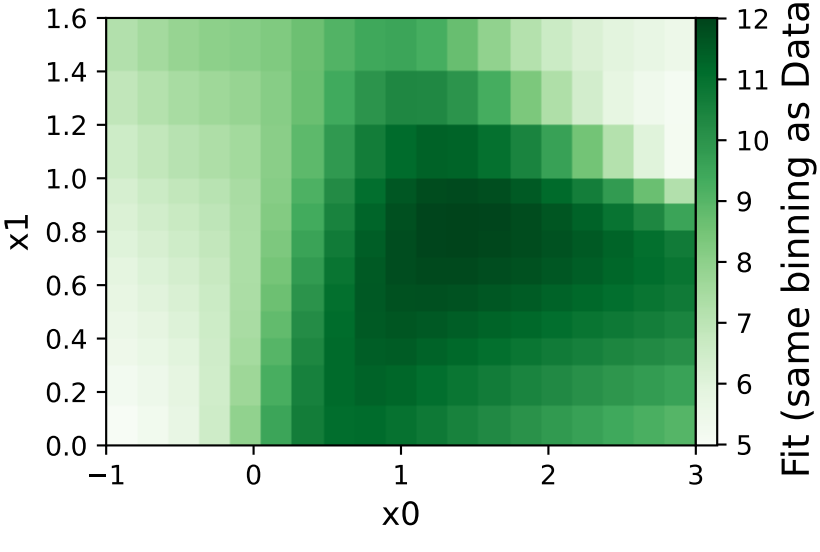
$a1 = -0.756474^{+0.0416(5.5\%)}_{-0.0416(5.5\%)}$, $a2 = -0.24592$,
$a3 = 0.904929^{+0.0428(4.73\%)}_{-0.0428(4.73\%)}$, $a4 = 1.43051^{+0.0656(4.59\%)}_{-0.0656(4.59\%)}$,
$a5 = 2.35782^{+0.12(5.09\%)}_{-0.12(5.09\%)}$, $a6 = 3.61913^{+0.0706(1.95\%)}_{-0.0706(1.95\%)}$,
$a7 = 8.48323^{+0.0697(0.822\%)}_{-0.0697(0.822\%)}$

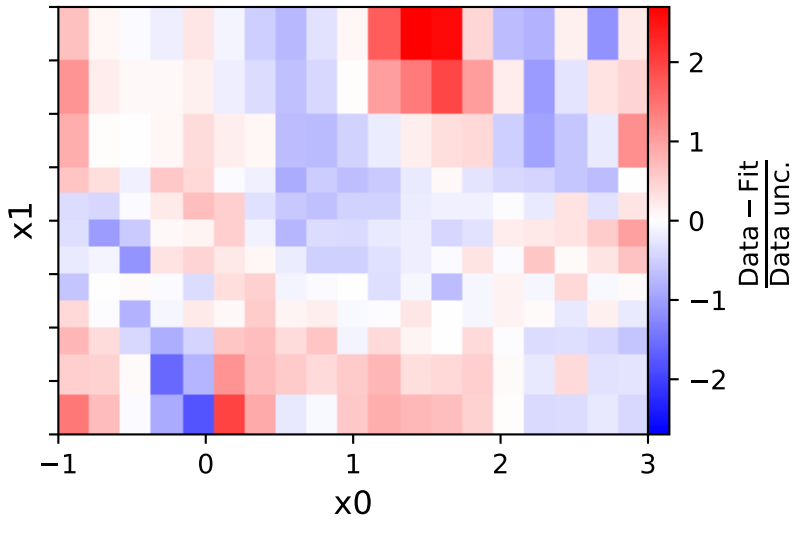
Candidate #25

χ^2/NDF = 82.83/222, p-value = 1.0, RMSE = 0.5847









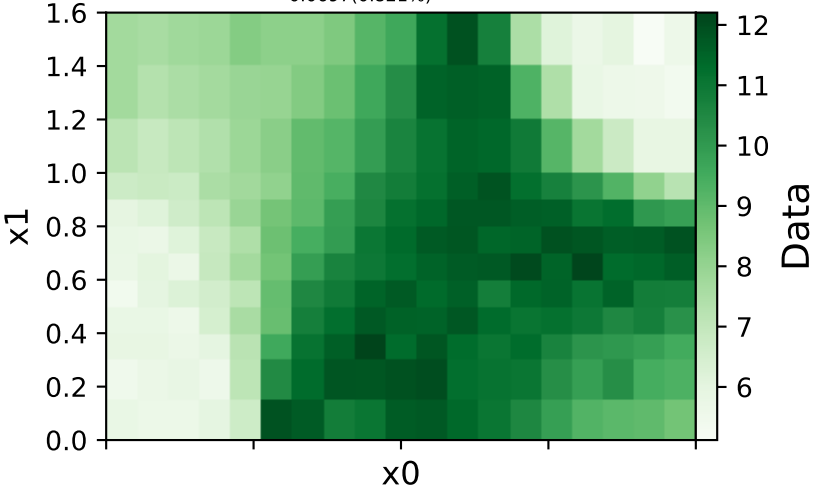
Candidate function #24

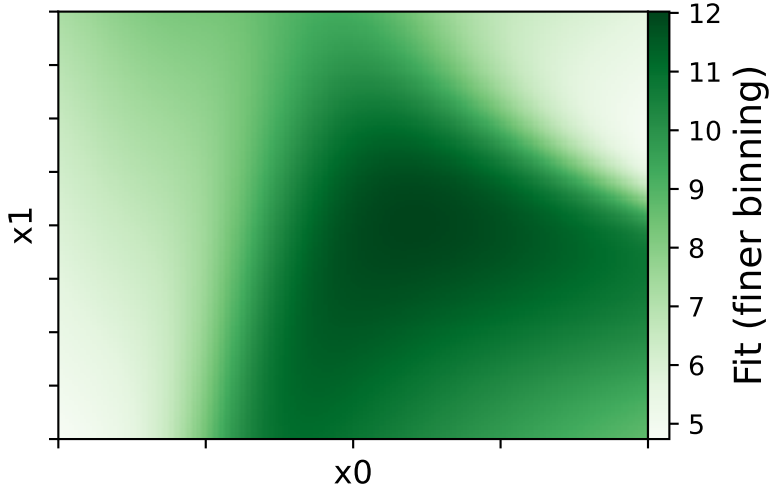
a6*tanh(a1*x1*(a4 + x0**2) + a5*x0) + a7 + 2*x1 - (a2 + a3*x0 + a3*gauss(x0*x1))*tanh(x0)

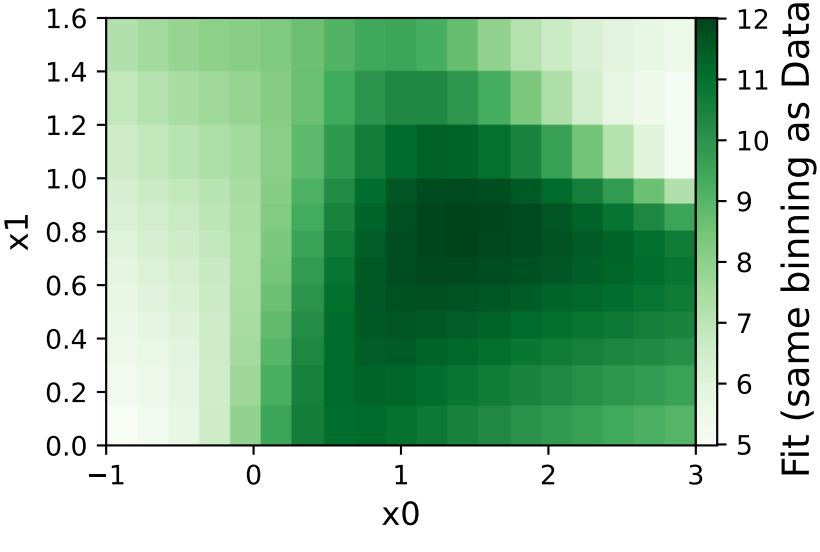
$a1 = -0.756477^{+0.0416(5.5\%)}_{-0.0416(5.5\%)}$, $a2 = -0.252416$,
$a3 = 0.907866^{+0.0428(4.71\%)}_{-0.0428(4.71\%)}$, $a4 = 1.43256^{+0.0657(4.59\%)}_{-0.0657(4.59\%)}$,
$a5 = 2.35824^{+0.12(5.09\%)}_{-0.12(5.09\%)}$, $a6 = 3.618^{+0.0706(1.95\%)}_{-0.0706(1.95\%)}$,
$a7 = 8.48516^{+0.0697(0.821\%)}_{-0.0697(0.821\%)}$

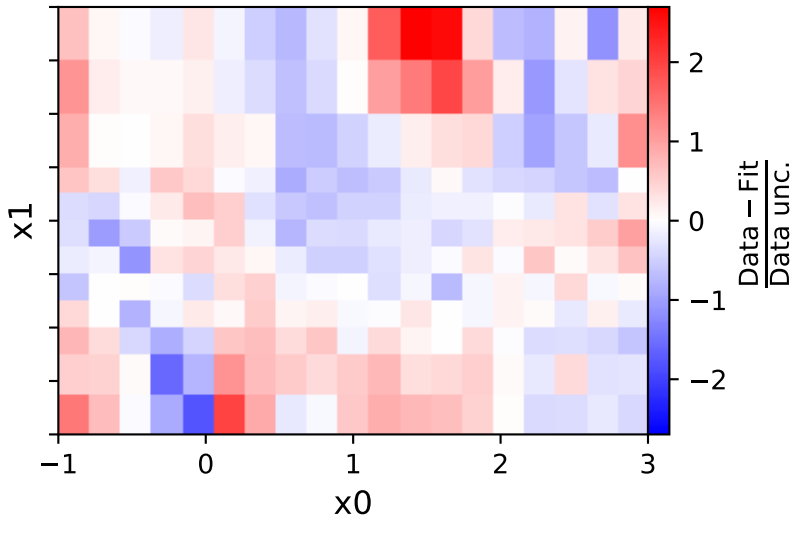
Candidate #24

χ^2/NDF = 82.86/222, p-value = 1.0, RMSE = 0.5847









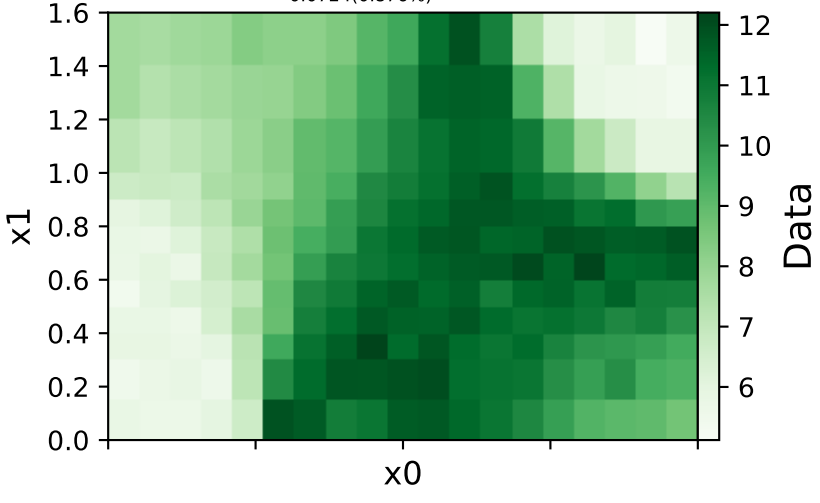
Candidate function #23

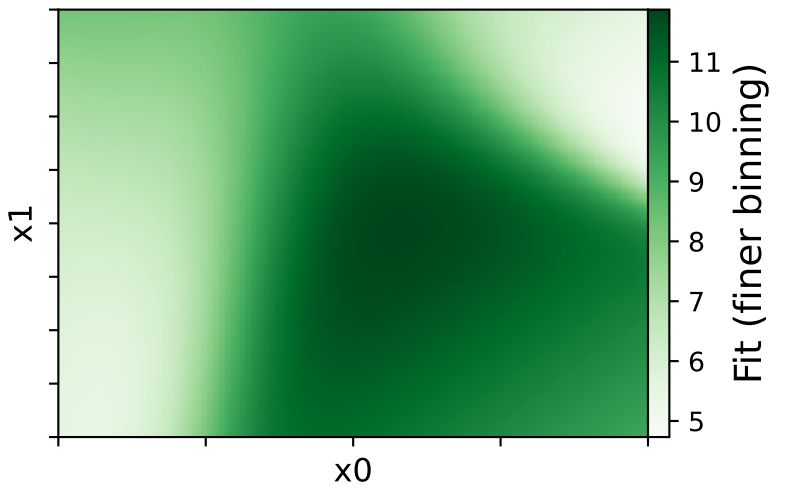
a1*x0 + a3*x1 + a6*tanh(a2*x1*(a4 + x0**2) + a5*x0) + a7 + x1*tanh(x0 + x1)

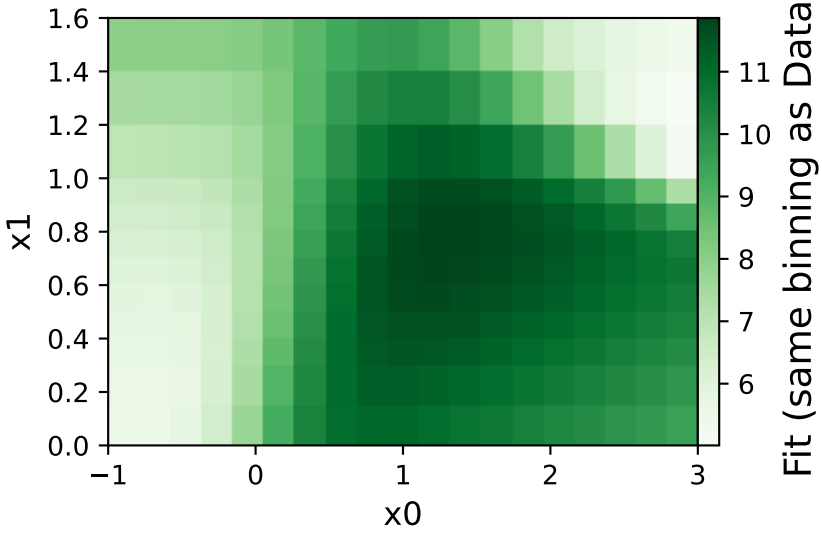
$a1 = -0.864211^{+0.0535(6.19\%)}_{-0.0535(6.19\%)}$, $a2 = -0.724799^{+0.0481(6.64\%)}_{-0.0481(6.64\%)}$,
$a3 = 1.17285^{+0.14(11.9\%)}_{-0.14(11.9\%)}$, $a4 = 1.31808^{+0.0775(5.88\%)}_{-0.0775(5.88\%)}$,
$a5 = 2.25573^{+0.135(5.98\%)}_{-0.135(5.98\%)}$, $a6 = 3.62066^{+0.113(3.12\%)}_{-0.113(3.12\%)}$,
$a7 = 8.26922^{+0.0724(0.876\%)}_{-0.0724(0.876\%)}$

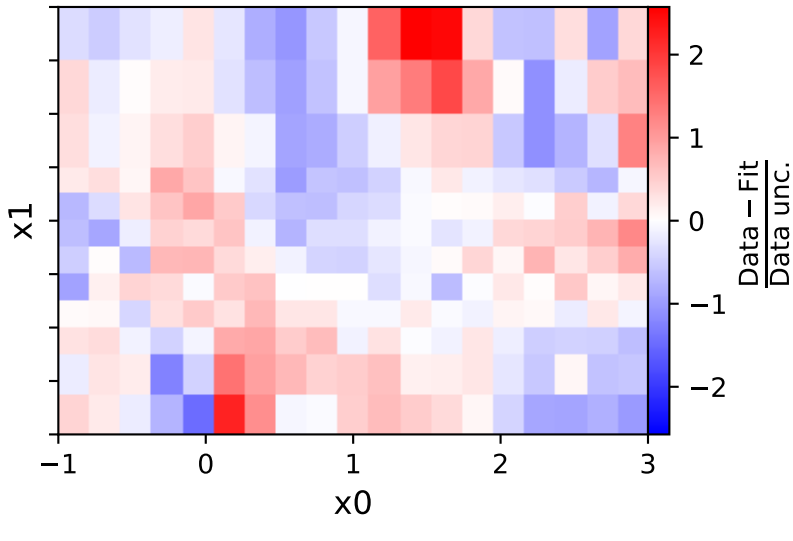
Candidate #23

χ^2/NDF = 85.15/221, p-value = 1.0, RMSE = 0.6036









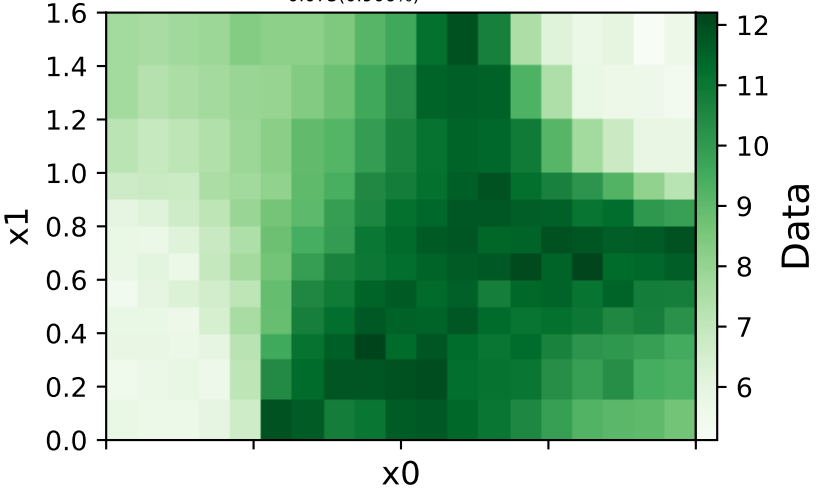
Candidate function #22

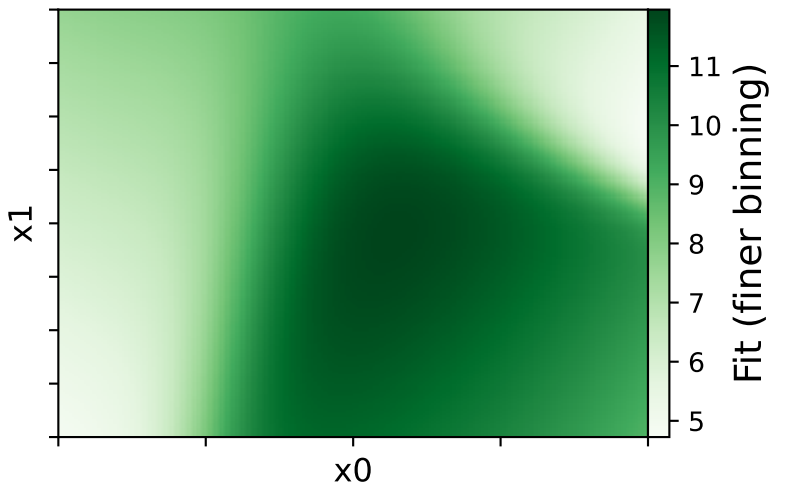
a2*x0**2 + a4*x1 + a6*tanh(a1*x1*(a3 + x0**2) + a5*x0) + a7

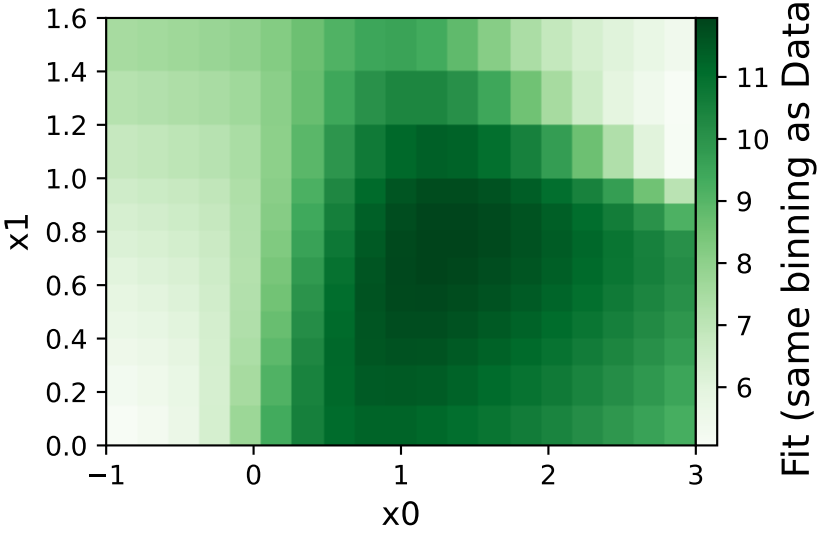
$a1 = -0.791627^{+0.0563(7.11\%)}_{-0.0563(7.11\%)}$, $a2 = -0.279064^{+0.0203(7.27\%)}_{-0.0203(7.27\%)}$,
$a3 = 1.38249^{+0.0931(6.73\%)}_{-0.0931(6.73\%)}$, $a4 = 1.76649^{+0.123(6.96\%)}_{-0.123(6.96\%)}$,
$a5 = 2.47844^{+0.161(6.5\%)}_{-0.161(6.5\%)}$, $a6 = 3.1862^{+0.0819(2.57\%)}_{-0.0819(2.57\%)}$,
$a7 = 8.28087^{+0.075(0.906\%)}_{-0.075(0.906\%)}$

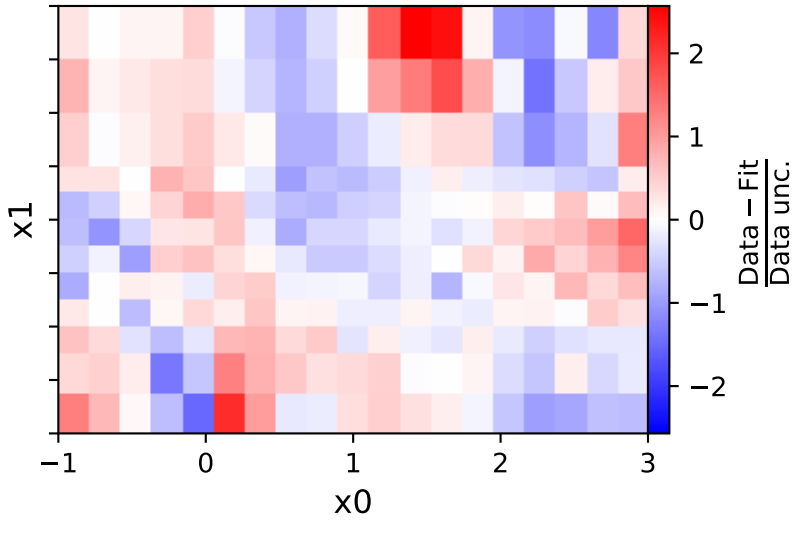
Candidate #22

χ^2/NDF = 88.44/221, p-value = 1.0, RMSE = 0.6057









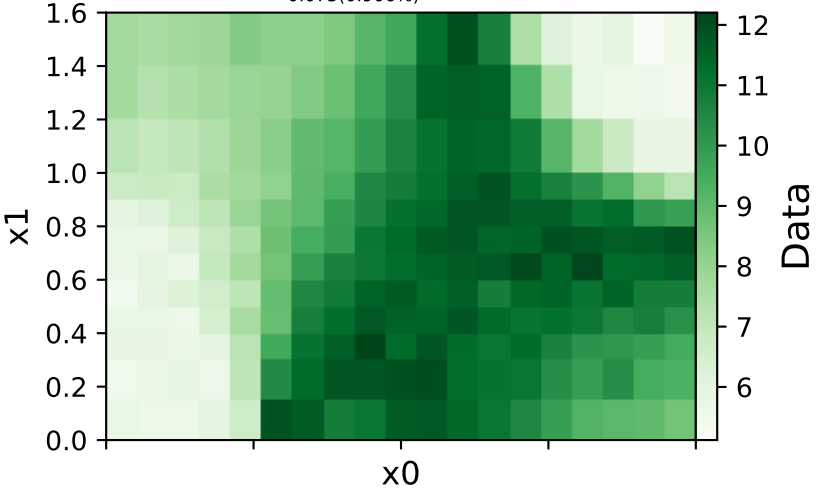
Candidate function #21

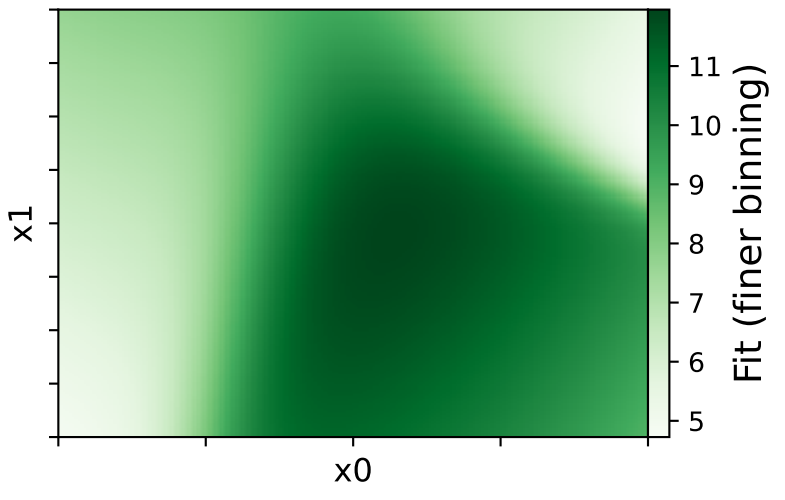
a2*x0**2 + a4*x1 + a6*tanh(a1*x1*(a3 + x0**2) + a5*x0) + a7

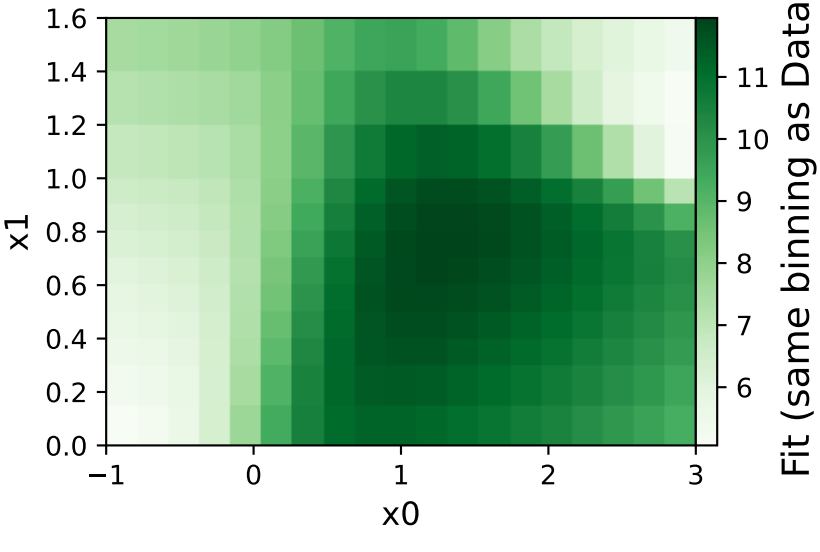
$a1 = -0.791627^{+0.0563(7.11\%)}_{-0.0563(7.11\%)}$, $a2 = -0.279064^{+0.0203(7.27\%)}_{-0.0203(7.27\%)}$,
$a3 = 1.38249^{+0.0931(6.73\%)}_{-0.0931(6.73\%)}$, $a4 = 1.76649^{+0.123(6.96\%)}_{-0.123(6.96\%)}$,
$a5 = 2.47844^{+0.161(6.5\%)}_{-0.161(6.5\%)}$, $a6 = 3.1862^{+0.0819(2.57\%)}_{-0.0819(2.57\%)}$,
$a7 = 8.28087^{+0.075(0.906\%)}_{-0.075(0.906\%)}$

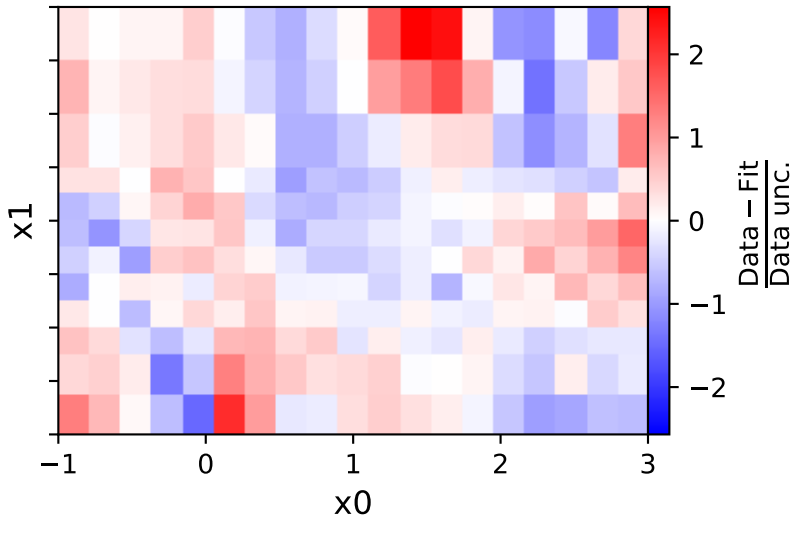
Candidate #21

χ^2/NDF = 88.44/221, p-value = 1.0, RMSE = 0.6057









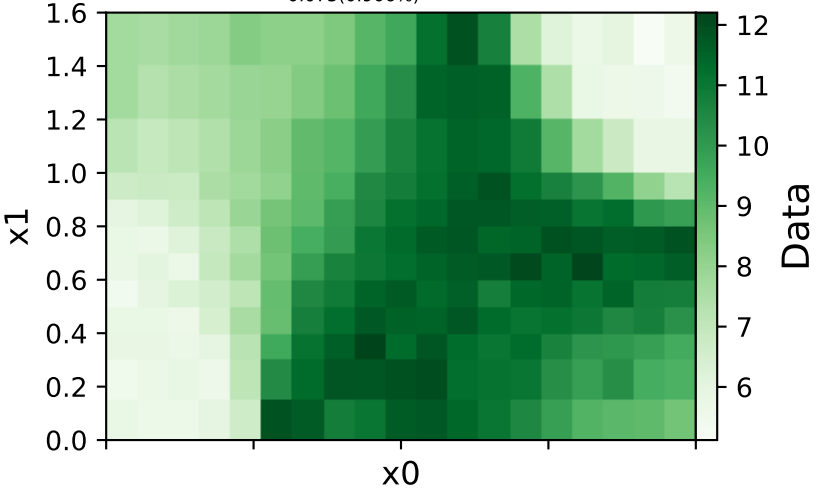
Candidate function #20

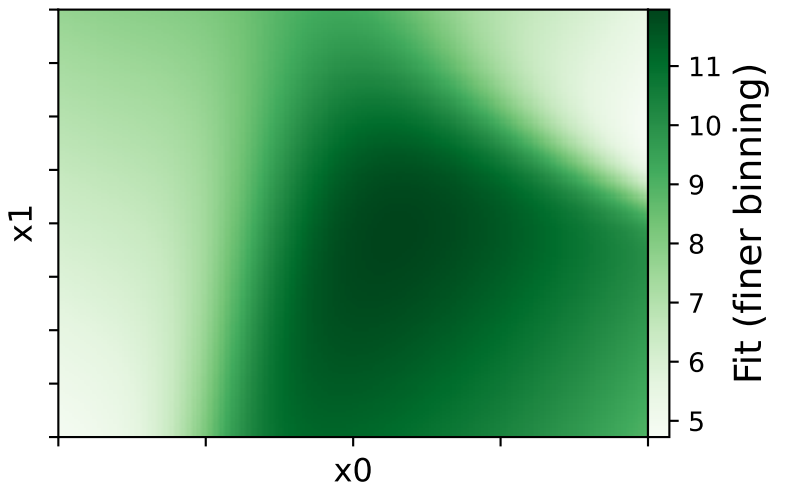
a2*x0**2 + a4*x1 + a6*tanh(a1*x1*(a3 + x0**2) + a5*x0) + a7

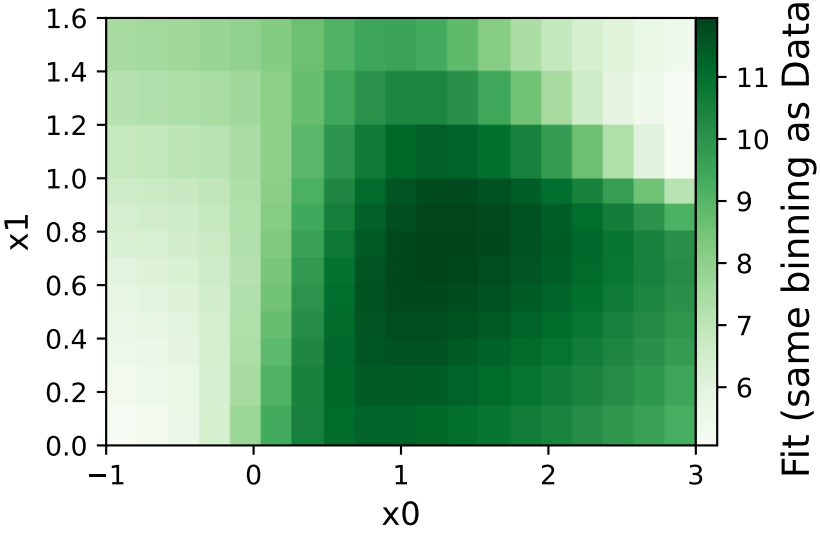
$a1 = -0.791623^{+0.0563(7.11\%)}_{-0.0563(7.11\%)}$, $a2 = -0.279066^{+0.0203(7.27\%)}_{-0.0203(7.27\%)}$,
$a3 = 1.3825^{+0.0931(6.73\%)}_{-0.0931(6.73\%)}$, $a4 = 1.7665^{+0.123(6.96\%)}_{-0.123(6.96\%)}$,
$a5 = 2.47843^{+0.161(6.5\%)}_{-0.161(6.5\%)}$, $a6 = 3.18621^{+0.0819(2.57\%)}_{-0.0819(2.57\%)}$,
$a7 = 8.28087^{+0.075(0.906\%)}_{-0.075(0.906\%)}$

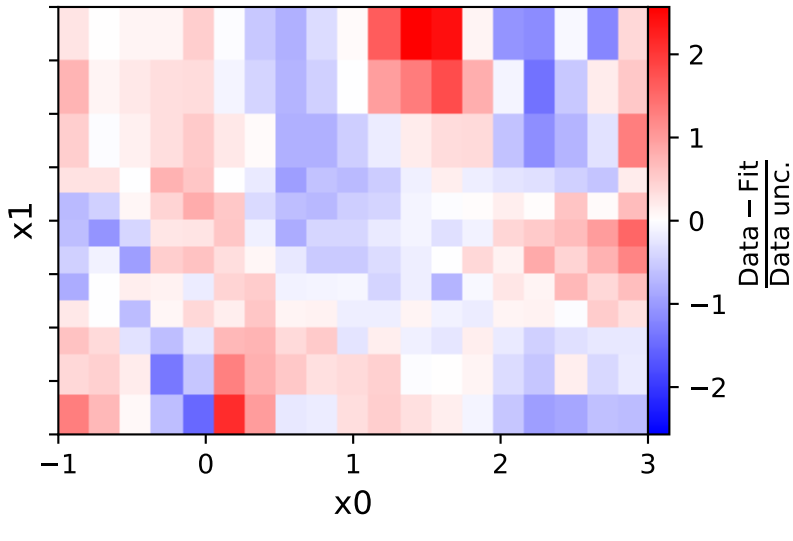
Candidate #20

χ^2/NDF = 88.44/221, p-value = 1.0, RMSE = 0.6057









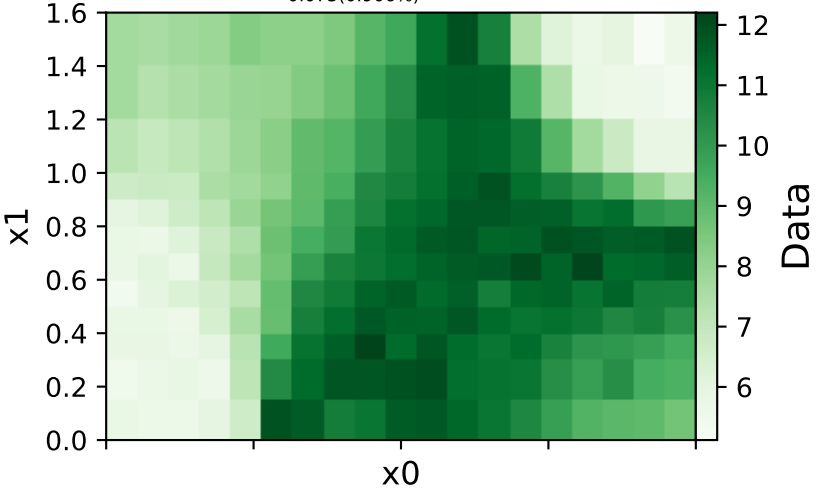
Candidate function #19

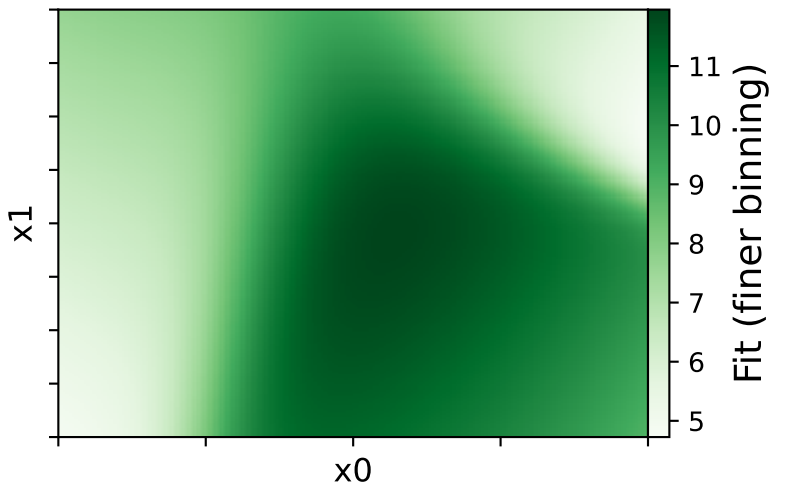
a2*x0**2 + a4*x1 + a6*tanh(a1*x1*(a3 + x0**2) + a5*x0) + a7

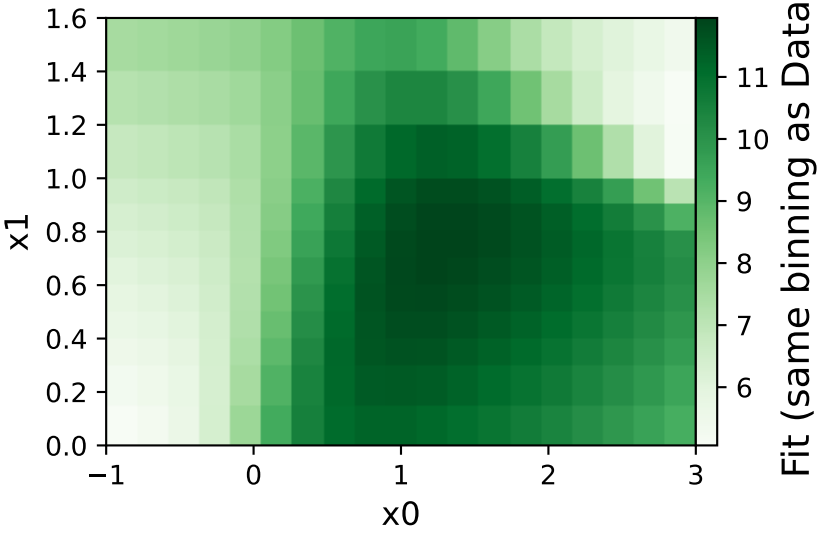
$a1 = -0.791623^{+0.0563(7.11\%)}_{-0.0563(7.11\%)}$, $a2 = -0.279066^{+0.0203(7.27\%)}_{-0.0203(7.27\%)}$,
$a3 = 1.3825^{+0.0931(6.73\%)}_{-0.0931(6.73\%)}$, $a4 = 1.7665^{+0.123(6.96\%)}_{-0.123(6.96\%)}$,
$a5 = 2.47843^{+0.161(6.5\%)}_{-0.161(6.5\%)}$, $a6 = 3.18621^{+0.0819(2.57\%)}_{-0.0819(2.57\%)}$,
$a7 = 8.28087^{+0.075(0.906\%)}_{-0.075(0.906\%)}$

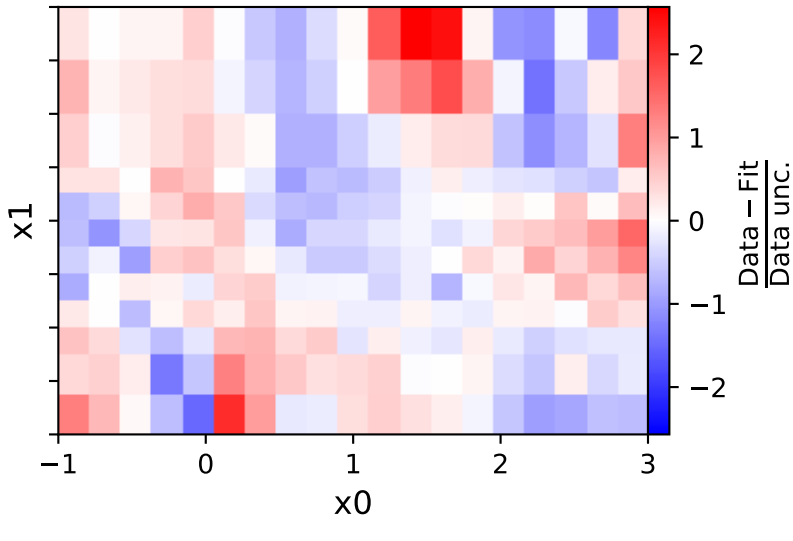
Candidate #19

χ^2/NDF = 88.44/221, p-value = 1.0, RMSE = 0.6057









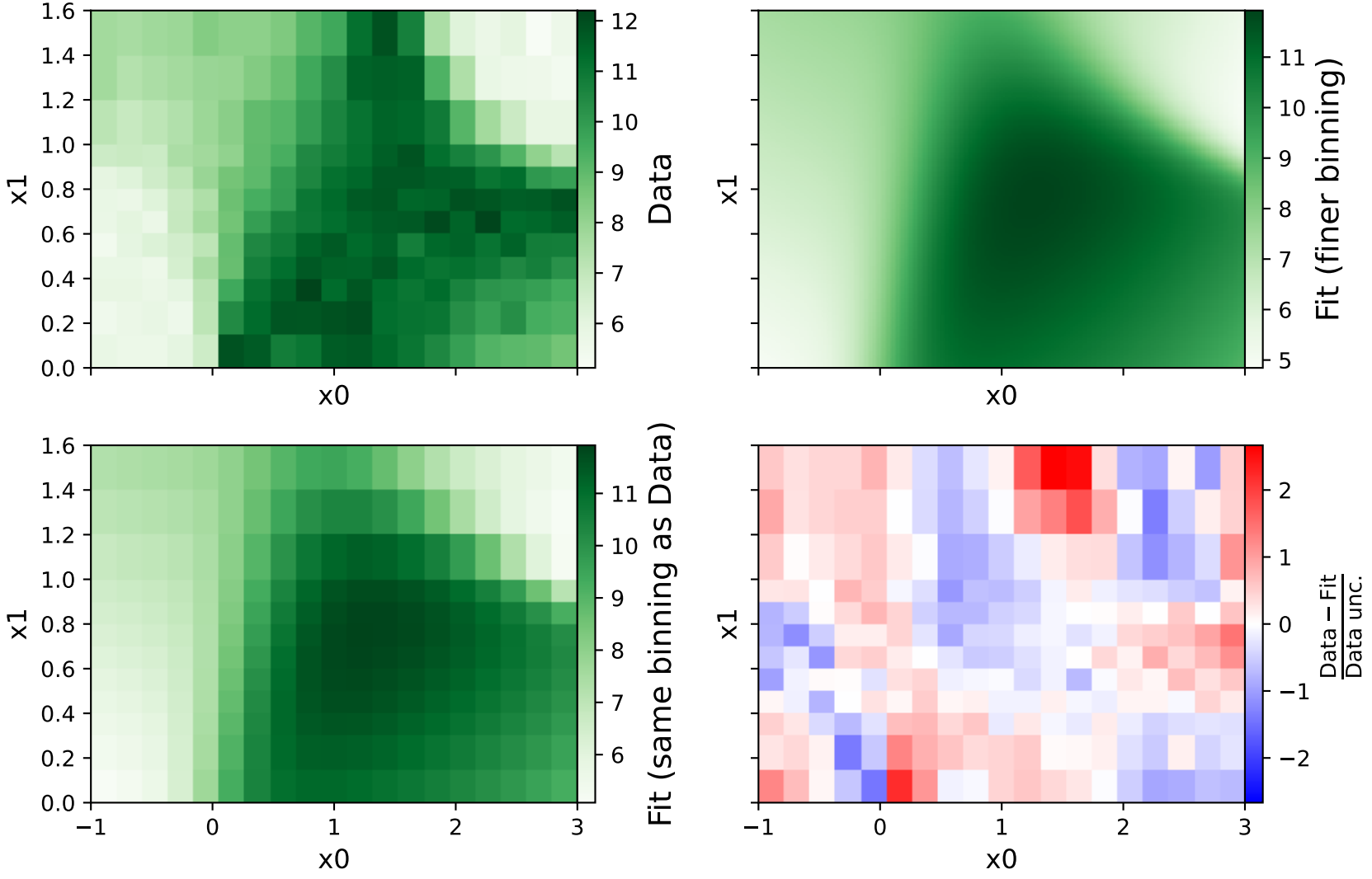
Candidate function #18

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

$a1 = -0.817299^{+0.0543(6.64\%)}_{-0.0543(6.64\%)}$, $a2 = -0.255362^{+0.0172(6.74\%)}_{-0.0172(6.74\%)}$,
$a3 = 1.28416^{+0.0739(5.75\%)}_{-0.0739(5.75\%)}$, $a4 = 2.52454^{+0.157(6.22\%)}_{-0.157(6.22\%)}$,
$a5 = 3.10092^{+0.0619(2.0\%)}_{-0.0619(2.0\%)}$, $a6 = 8.18432^{+0.0641(0.783\%)}_{-0.0641(0.783\%)}$

Candidate #18

χ^2/NDF = 90.67/222, p-value = 1.0, RMSE = 0.6157



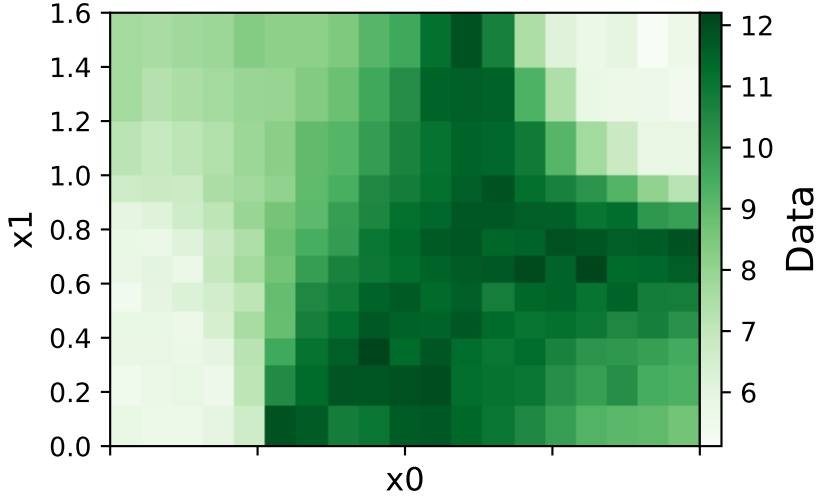
Candidate function #17

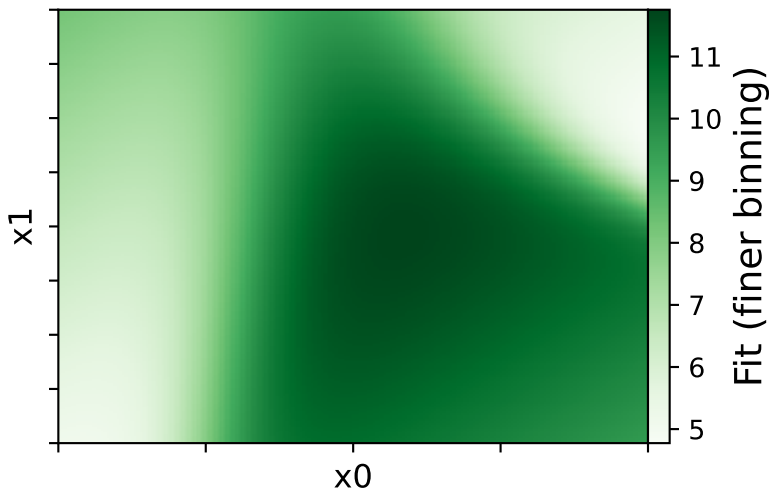
a1*x0 + a5*tanh(a2*x1*(a3 + x0**2) + a4*x0) + a6 + 2*x1

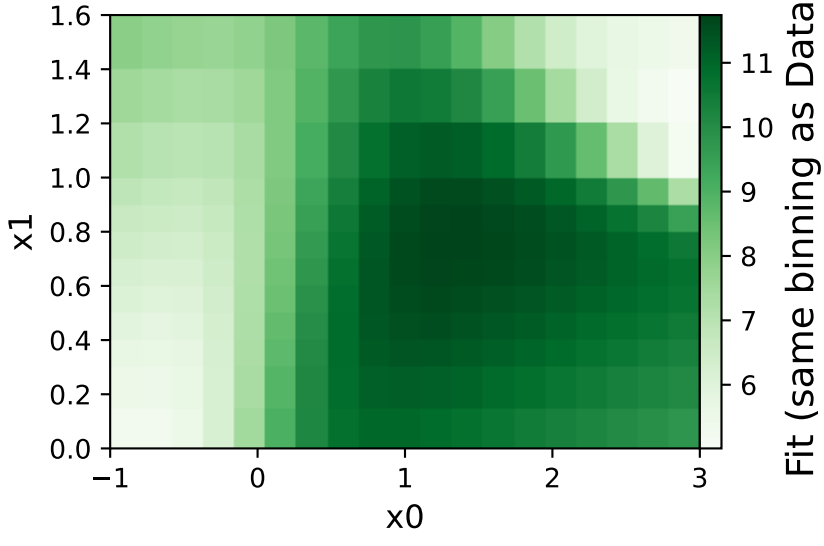
$a1 = -0.68596^{+0.042(6.12\%)}_{-0.042(6.12\%)}$, $a2 = -0.724473^{+0.0418(5.77\%)}_{-0.0418(5.77\%)}$,
$a3 = 1.16206^{+0.059(5.08\%)}_{-0.059(5.08\%)}$, $a4 = 2.2116^{+0.119(5.38\%)}_{-0.119(5.38\%)}$,
$a5 = 3.63309^{+0.0778(2.14\%)}_{-0.0778(2.14\%)}$, $a6 = 7.98883^{+0.0582(0.729\%)}_{-0.0582(0.729\%)}$

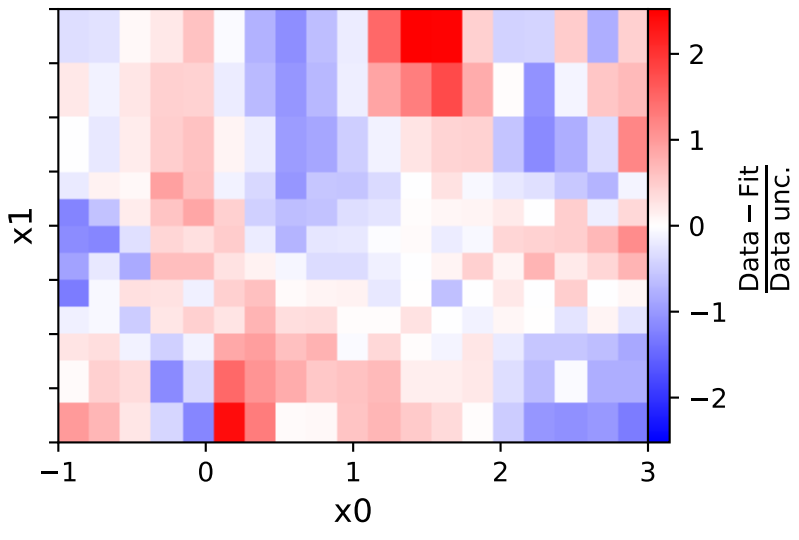
Candidate #17

χ^2/NDF = 92.98/222, p-value = 1.0, RMSE = 0.6217









Candidate function #16

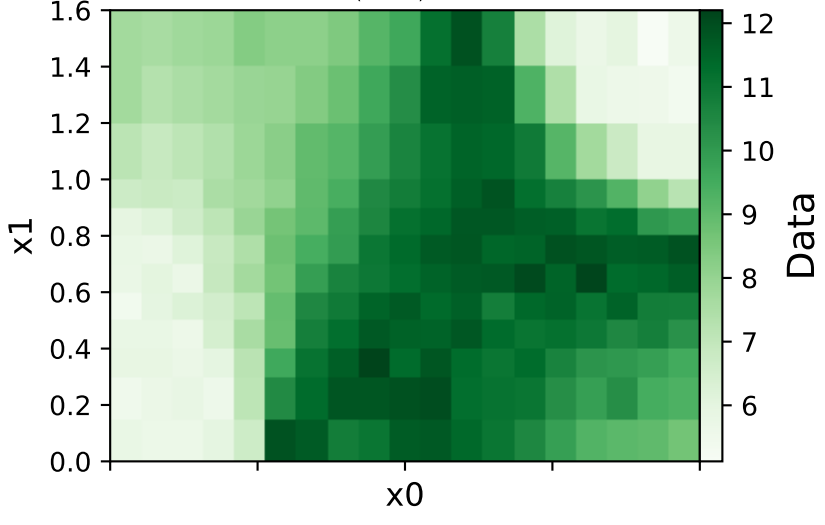
SymbolFit

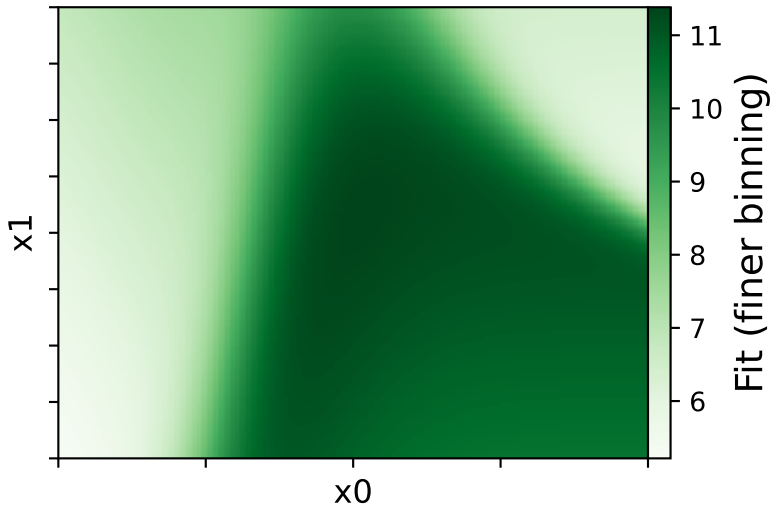
a3*tanh(a1*x1*(a2 + x0**2) + x0*(a4 + x1)) + a5 + x1 + gauss(x0)

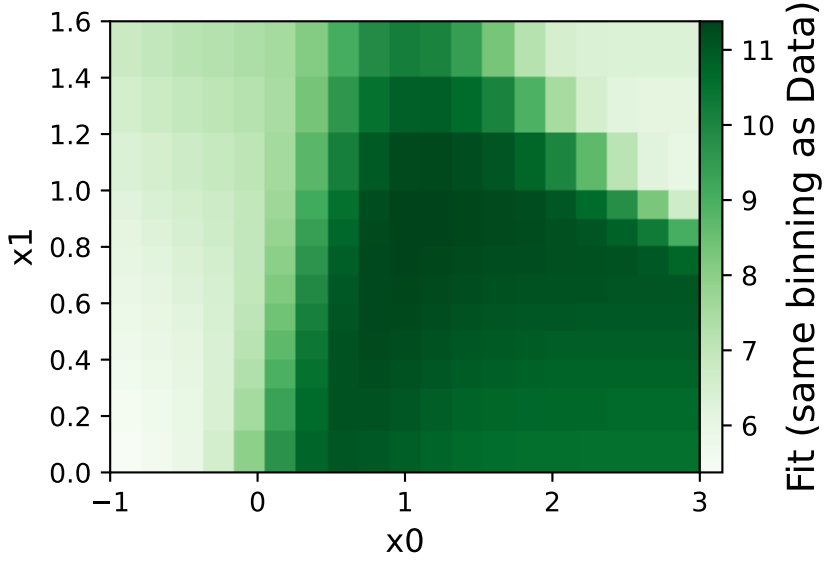
$a1 = -1.37907^{+0.0948(6.87\%)}_{-0.0948(6.87\%)}$, $a2 = 1.07834^{+0.0513(4.76\%)}_{-0.0513(4.76\%)}$,
$a3 = 2.80609^{+0.0589(2.1\%)}_{-0.0589(2.1\%)}$, $a4 = 3.04855^{+0.274(8.99\%)}_{-0.274(8.99\%)}$,
$a5 = 7.64221^{+0.0512(0.67\%)}_{-0.0512(0.67\%)}$

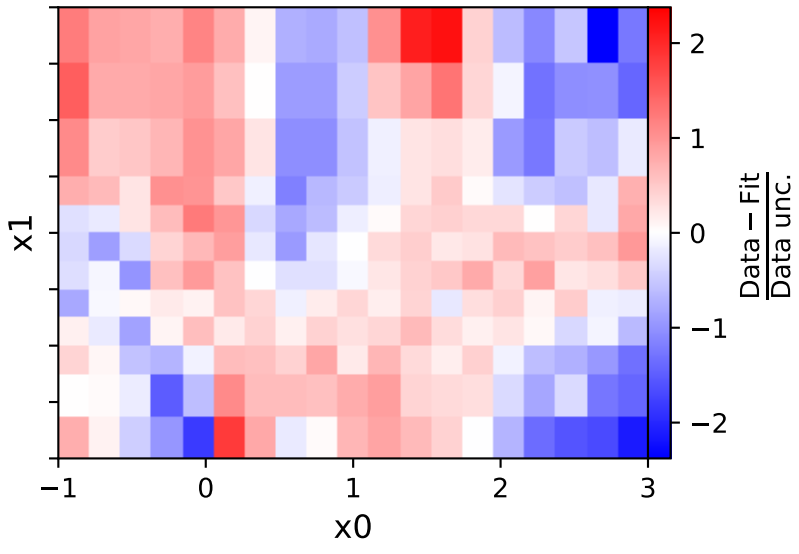
Candidate #16

χ^2/NDF = 122.9/223, p-value = 1.0, RMSE = 0.6643









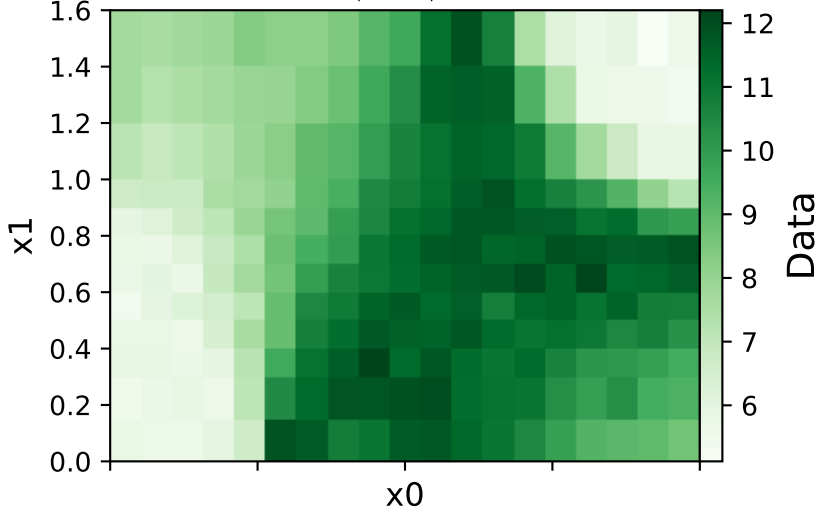
Candidate function #15

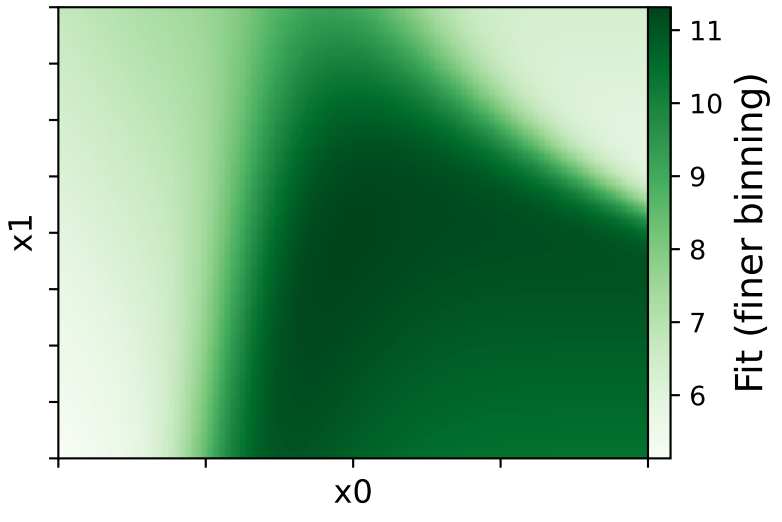
a3*tanh(a1*x1*(a2 + x0**2) + a4*x0) + a5 + x1 + gauss(x0)

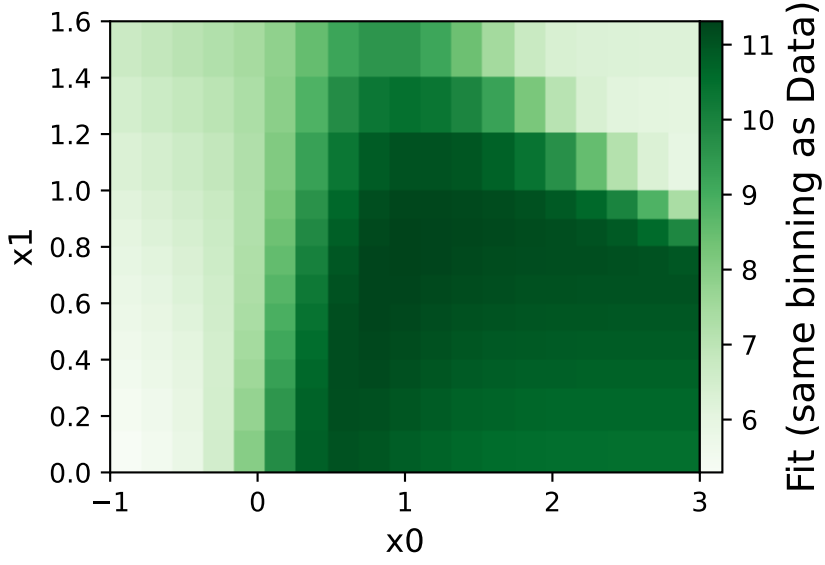
$a1 = -1.09505^{+0.093(8.49\%)}_{-0.093(8.49\%)}$, $a2 = 0.921486^{+0.0575(6.24\%)}_{-0.0575(6.24\%)}$,
$a3 = 2.82626^{+0.0631(2.23\%)}_{-0.0631(2.23\%)}$, $a4 = 3.19147^{+0.266(8.33\%)}_{-0.266(8.33\%)}$,
$a5 = 7.58321^{+0.0529(0.698\%)}_{-0.0529(0.698\%)}$

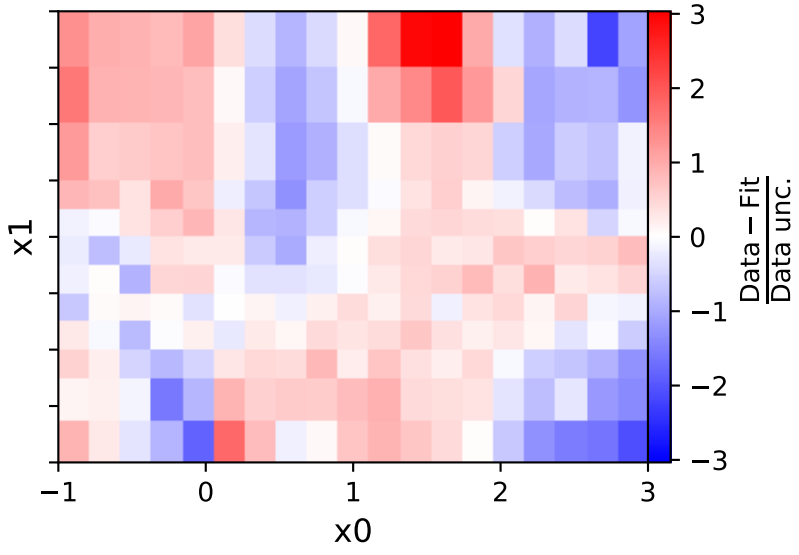
Candidate #15

χ^2/NDF = 132.6/223, p-value = 1.0, RMSE = 0.7184









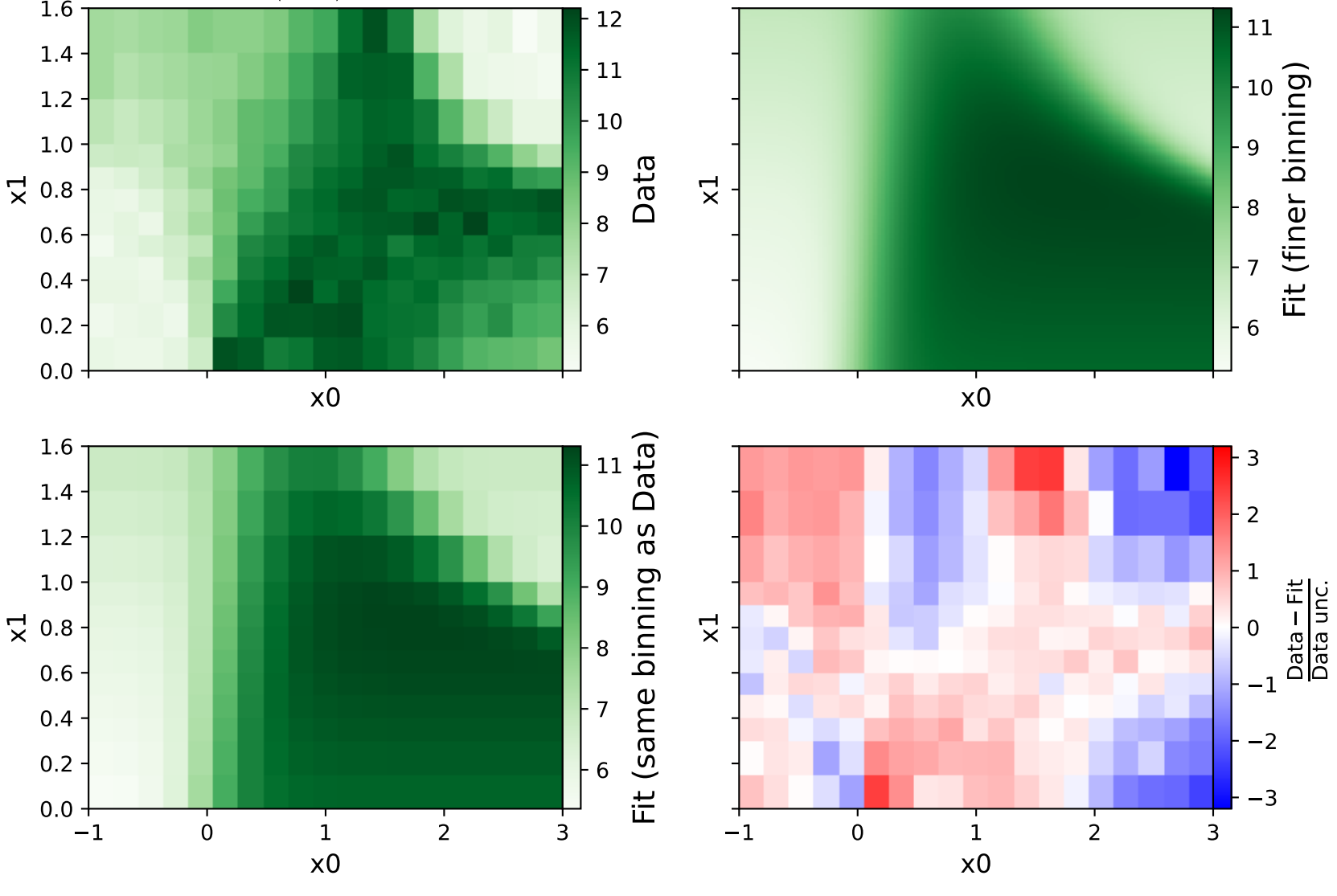
Candidate function #14

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

$a1 = -1.03433^{+0.101(9.76\%)}_{-0.101(9.76\%)}$, $a2 = 0.646259^{+0.0642(9.93\%)}_{-0.0642(9.93\%)}$,
$a3 = 2.69503^{+0.0756(2.81\%)}_{-0.0756(2.81\%)}$, $a4 = 2.80105^{+0.269(9.6\%)}_{-0.269(9.6\%)}$,
$a5 = 7.95255^{+0.061(0.767\%)}_{-0.061(0.767\%)}$

Candidate #14

χ^2/NDF = 169.7/223, p-value = 0.9968, RMSE = 0.7702



Candidate function #13

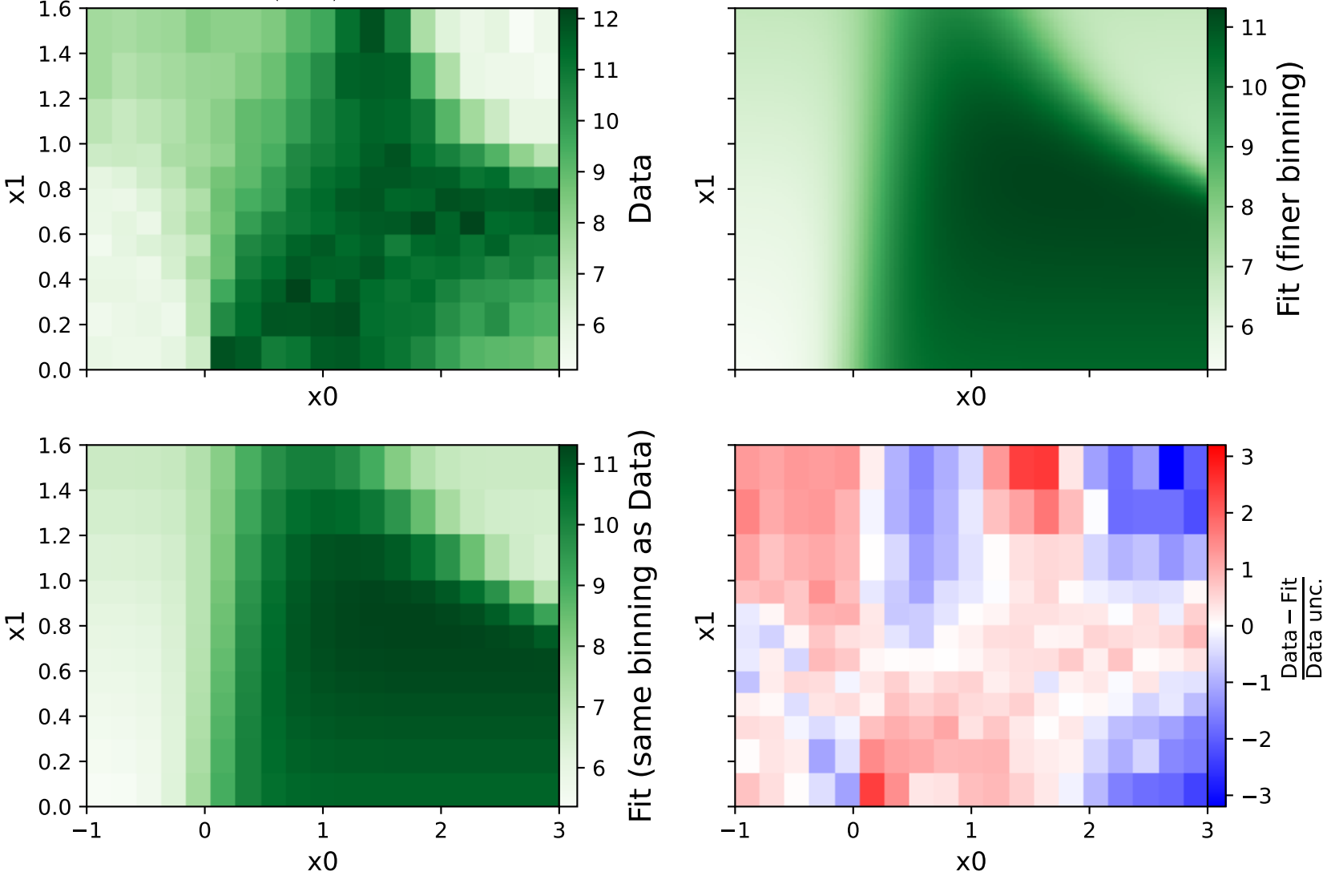
SymbolFit

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

$a1 = -1.03433^{+0.101(9.76\%)}_{-0.101(9.76\%)}$, $a2 = 0.646259^{+0.0642(9.93\%)}_{-0.0642(9.93\%)}$,
$a3 = 2.69503^{+0.0756(2.81\%)}_{-0.0756(2.81\%)}$, $a4 = 2.80105^{+0.269(9.6\%)}_{-0.269(9.6\%)}$,
$a5 = 7.95255^{+0.061(0.767\%)}_{-0.061(0.767\%)}$

Candidate #13

χ^2/NDF = 169.7/223, p-value = 0.9968, RMSE = 0.7702



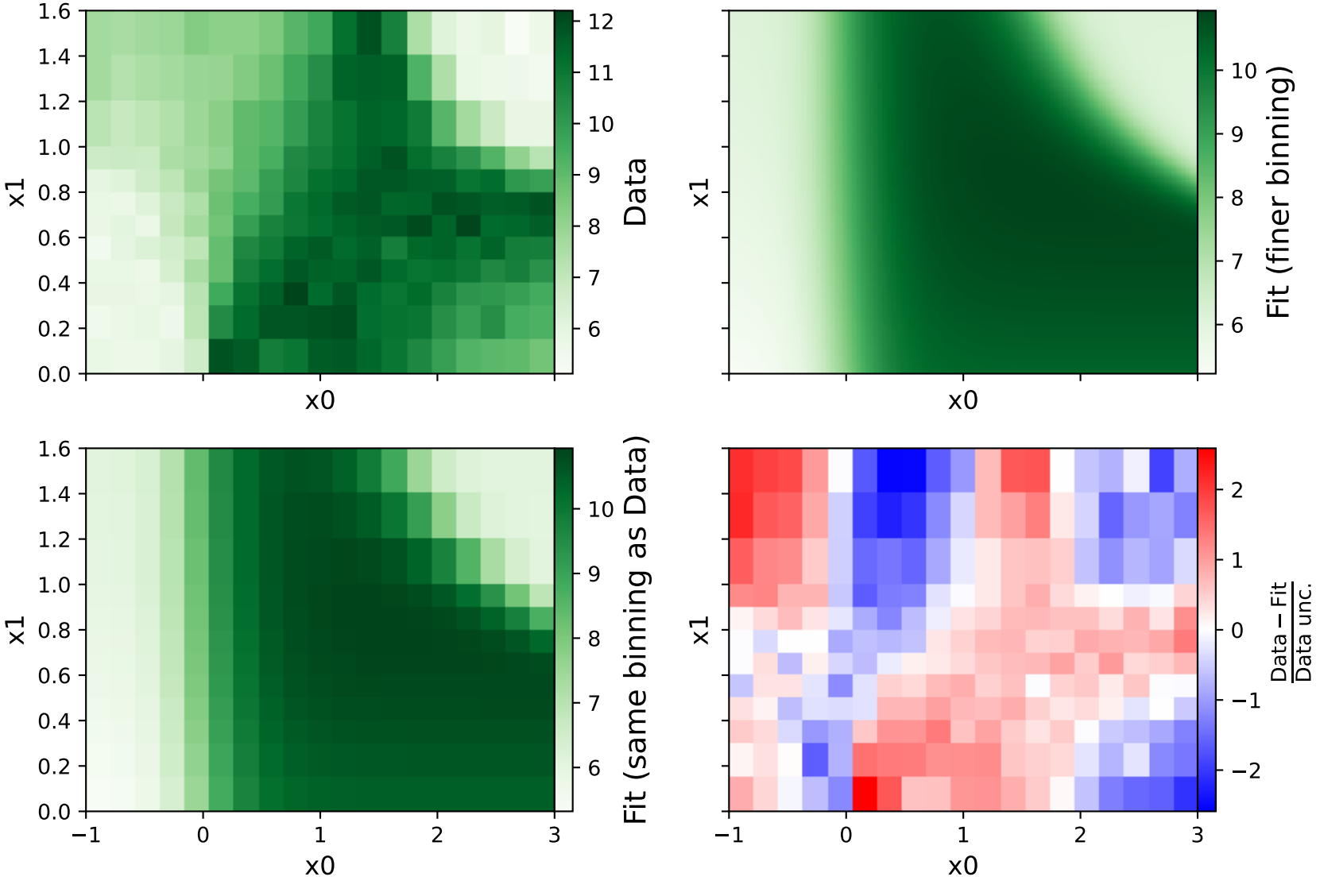
Candidate function #12

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

$a1 = -2.60145^{+0.0898(3.45\%)}_{-0.0898(3.45\%)}$, $a2 = -2.42304^{+0.256(10.6\%)}_{-0.256(10.6\%)}$,
$a3 = 0.971964^{+0.103(10.6\%)}_{-0.103(10.6\%)}$, $a4 = 7.7885^{+0.0563(0.723\%)}_{-0.0563(0.723\%)}$

Candidate #12

χ^2/NDF = 198.0/224, p-value = 0.8939, RMSE = 0.8664



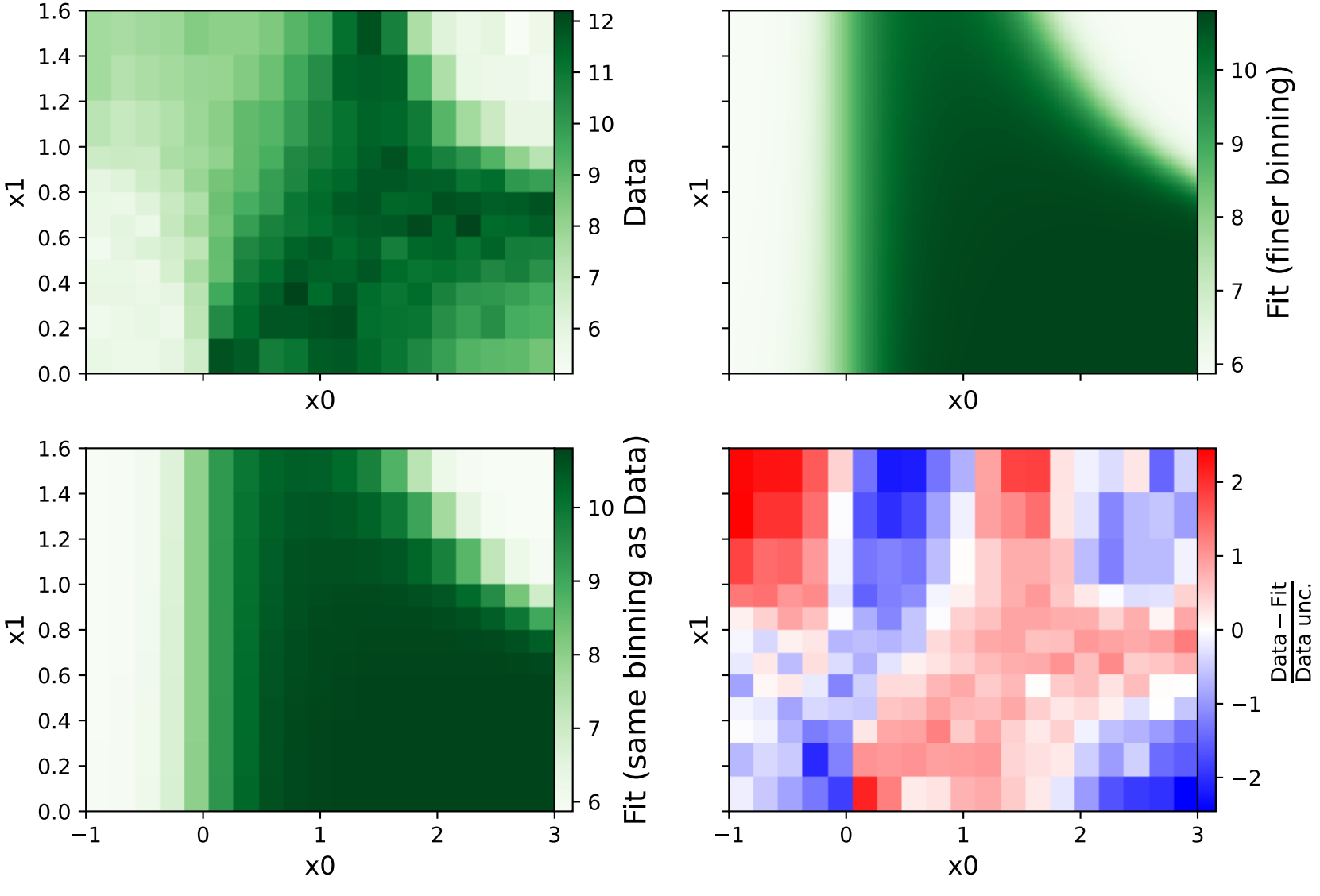
Candidate function #11

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

$a1 = -2.82134^{+0.324(11.5\%)}_{-0.324(11.5\%)}$, $a2 = -2.46773^{+0.0836(3.39\%)}_{-0.0836(3.39\%)}$,
$a3 = 1.10832^{+0.128(11.5\%)}_{-0.128(11.5\%)}$, $a4 = 8.33814^{+0.0568(0.681\%)}_{-0.0568(0.681\%)}$

Candidate #11

χ^2/NDF = 205.4/224, p-value = 0.8092, RMSE = 0.8672



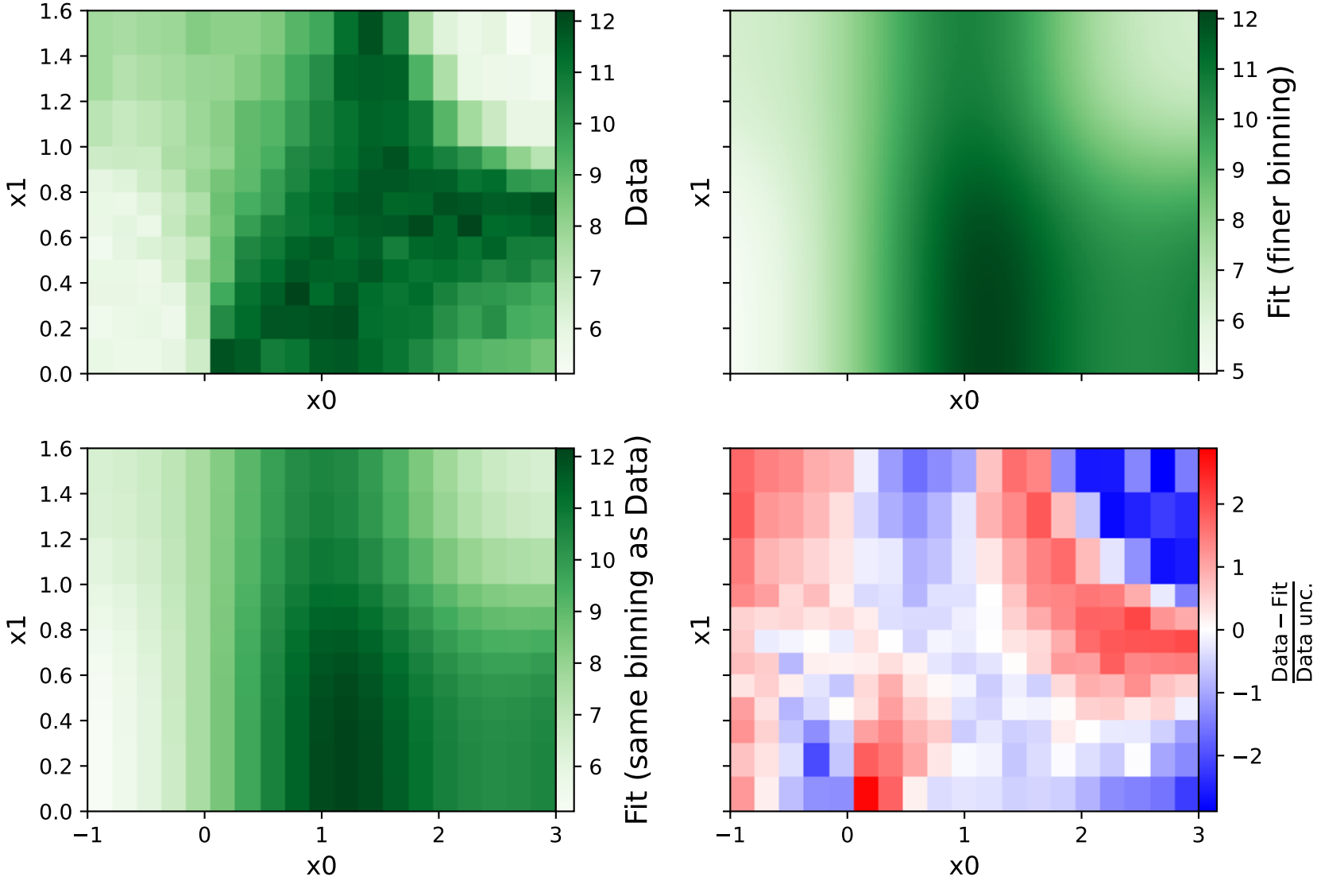
Candidate function #10

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

$a1 = -1.02059^{+0.0321(3.15\%)}_{-0.0321(3.15\%)}$, $a2 = 1.43575^{+0.0784(5.46\%)}_{-0.0784(5.46\%)}$,
$a3 = 4.26744^{+0.194(4.55\%)}_{-0.194(4.55\%)}$, $a4 = 6.30521^{+0.0858(1.36\%)}_{-0.0858(1.36\%)}$

Candidate #10

χ^2/NDF = 252.2/224, p-value = 0.09451, RMSE = 0.9587



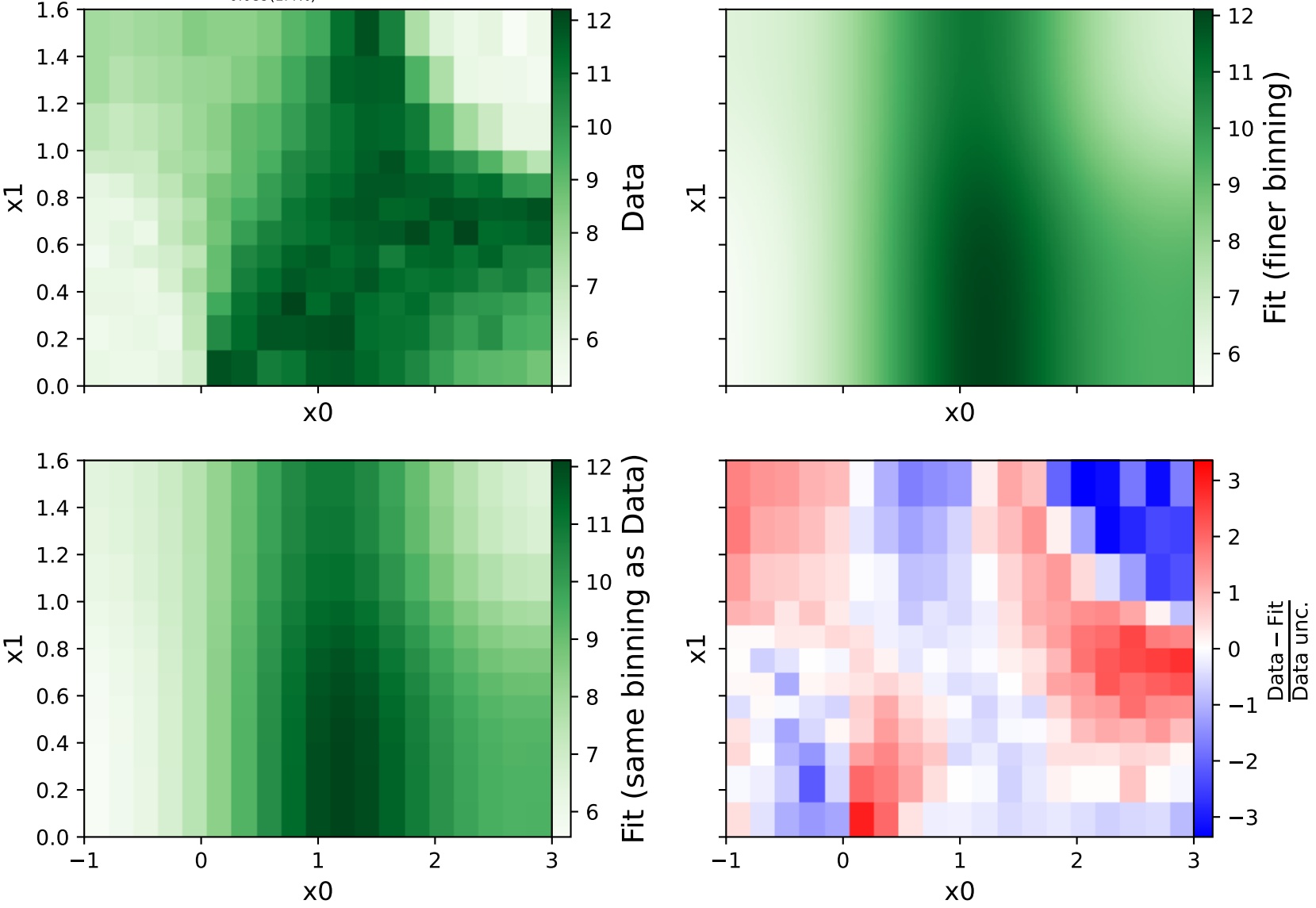
Candidate function #9

a2*gauss(a1 + x0) + a3 + x0*gauss(x1**2)

$a1 = -1.10587^{+0.0277(2.5\%)}_{-0.0277(2.5\%)}$, $a2 = 4.57664^{+0.2(4.37\%)}_{-0.2(4.37\%)}$,
$a3 = 6.37105^{+0.089(1.4\%)}_{-0.089(1.4\%)}$

Candidate #9

χ^2/NDF = 286.7/225, p-value = 0.00336, RMSE = 1.039



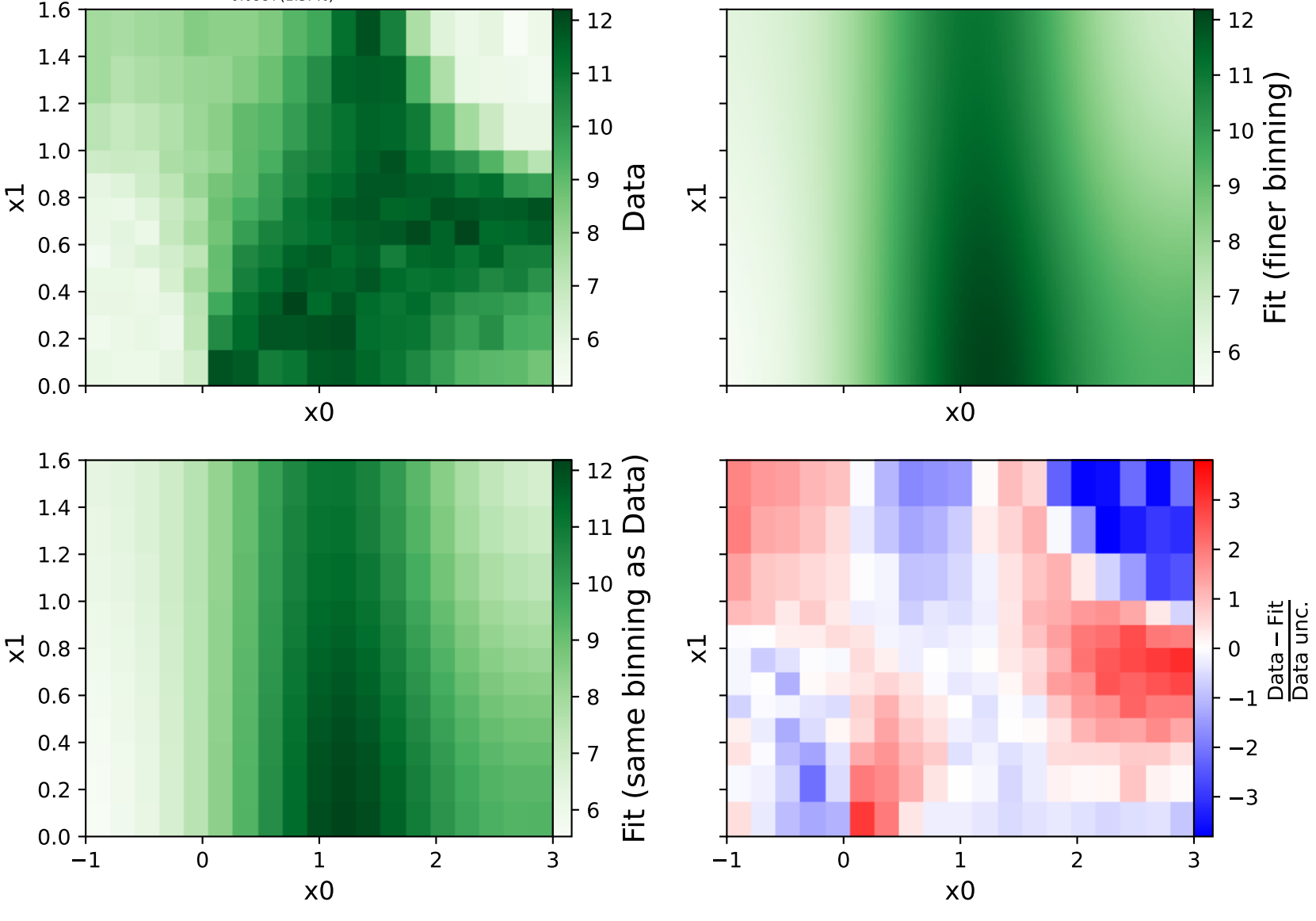
Candidate function #8

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

$a1 = -1.11083^{+0.0304(2.74\%)}_{-0.0304(2.74\%)}$, $a2 = 4.68754^{+0.224(4.78\%)}_{-0.224(4.78\%)}$,
$a3 = 6.33414^{+0.0997(1.57\%)}_{-0.0997(1.57\%)}$

Candidate #8

χ^2/NDF = 361.0/225, p-value = 2.23e-08, RMSE = 1.16



Candidate function #7

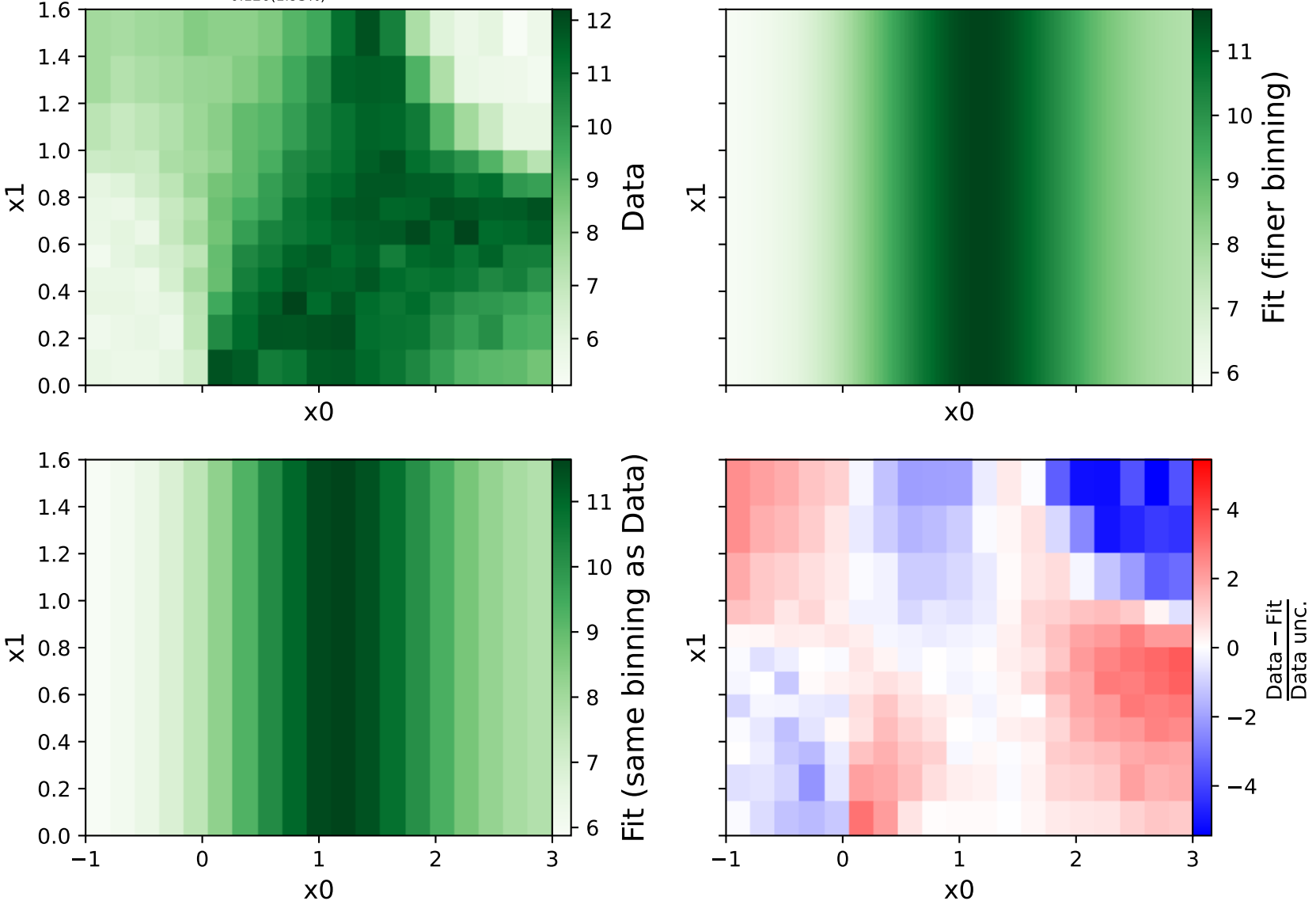
a2*gauss(a1 + x0) + a3 + tanh(x0)

$a1 = -1.13786^{+0.042(3.69\%)}_{-0.042(3.69\%)}$, $a2 = 4.3091^{+0.285(6.61\%)}_{-0.285(6.61\%)}$,

$a3 = 6.51956^{+0.126(1.93\%)}_{-0.126(1.93\%)}$

Candidate #7

χ^2/NDF = 582.8/225, p-value = 1.5100000000000002e-33, RMSE = 1.406



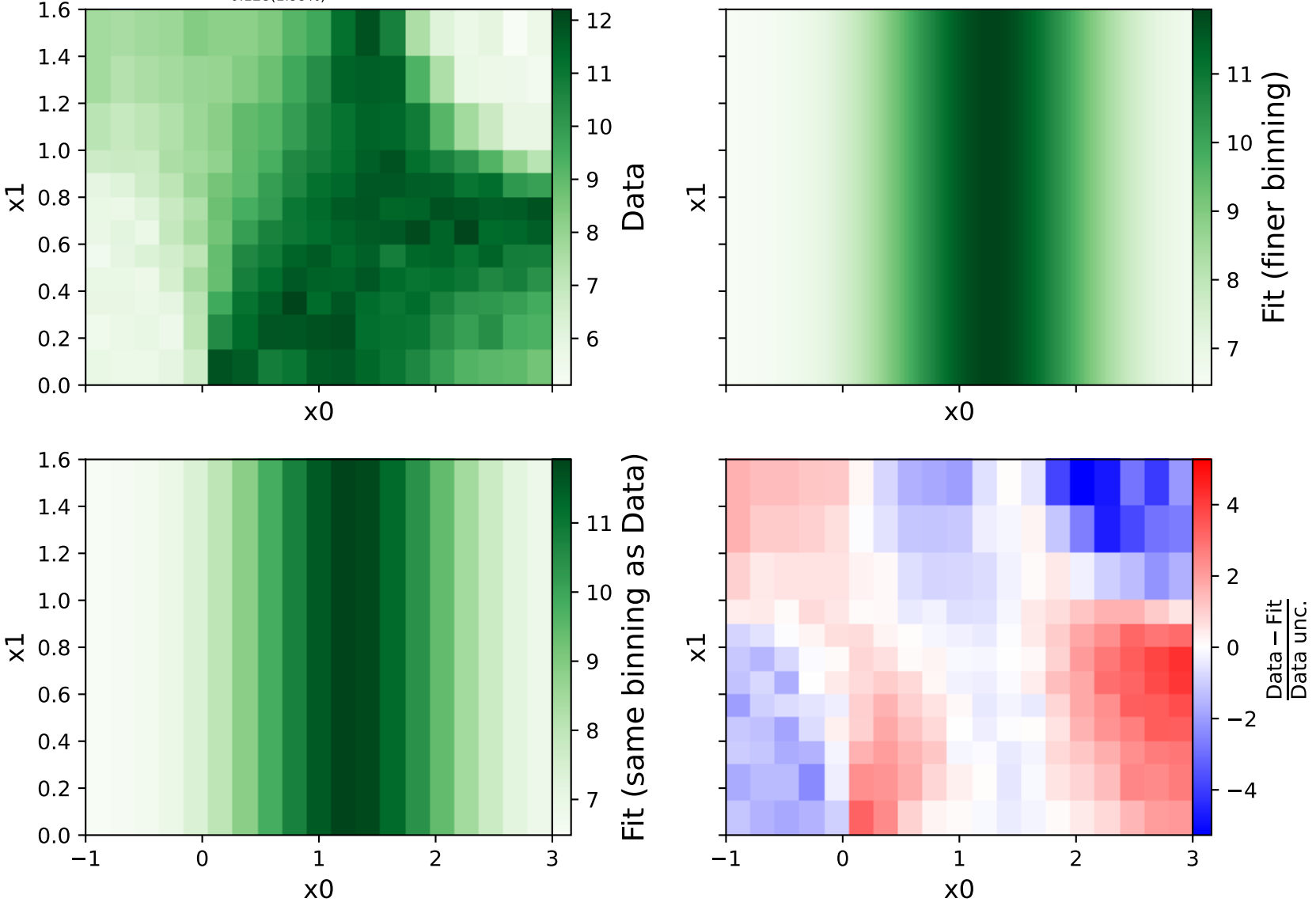
Candidate function #6

a2*gauss(a1 + x0) + a3

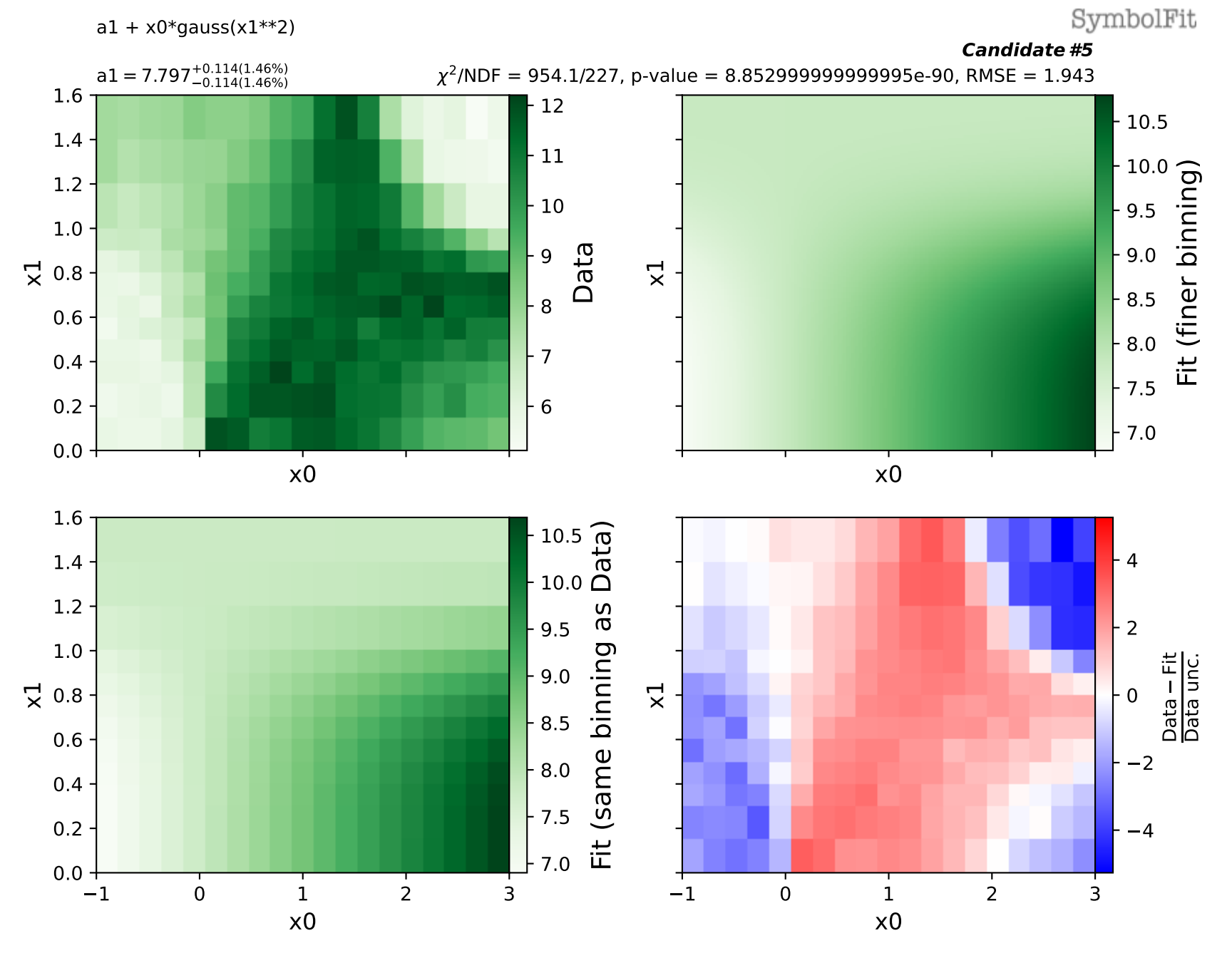
$a1 = -1.27318^{+0.0341(2.68\%)}_{-0.0341(2.68\%)}$, $a2 = 5.50643^{+0.292(5.3\%)}_{-0.292(5.3\%)}$,
$a3 = 6.43403^{+0.128(1.99\%)}_{-0.128(1.99\%)}$

Candidate #6

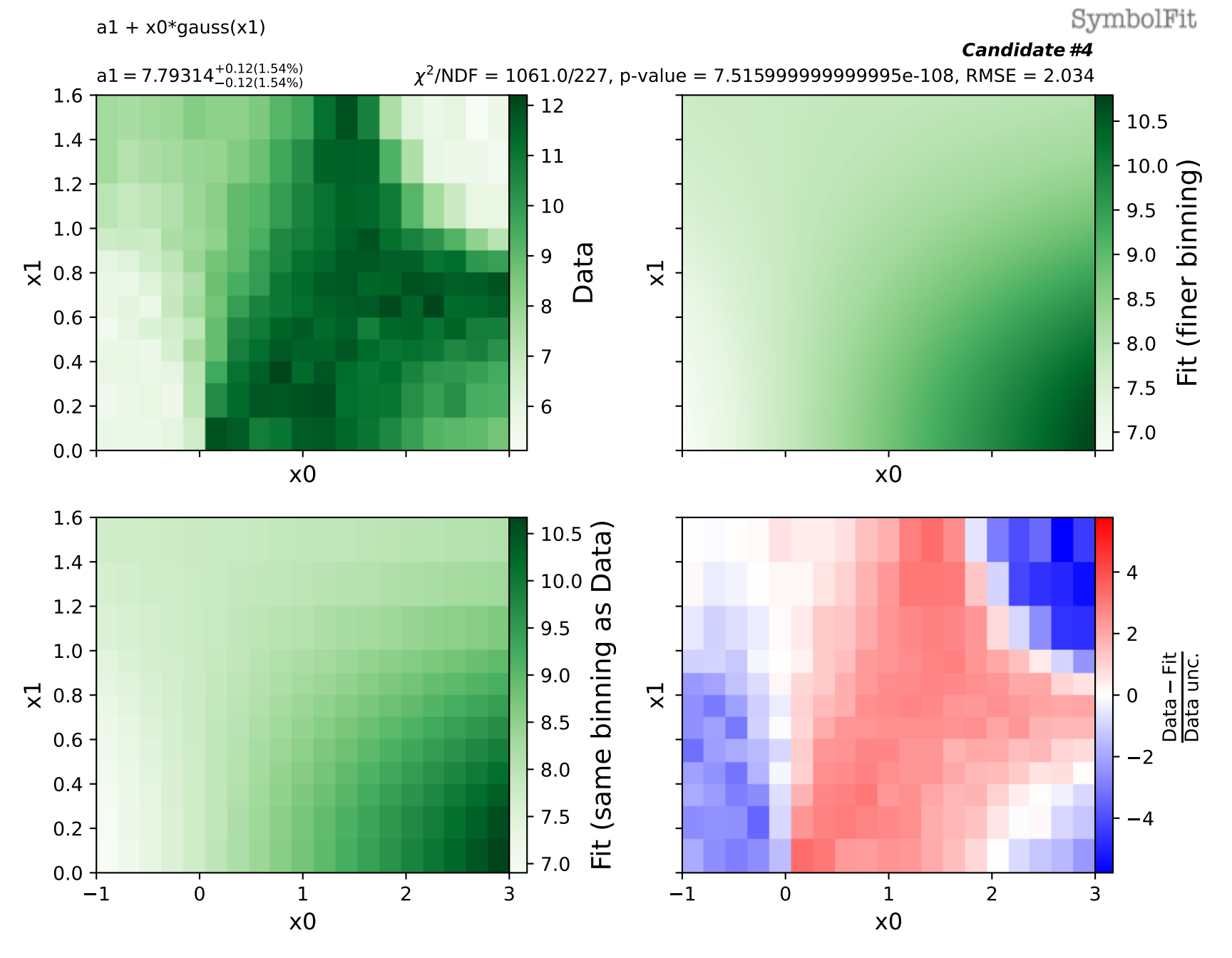
χ^2/NDF = 619.9/225, p-value = 1.2340000000000002e-38, RMSE = 1.54



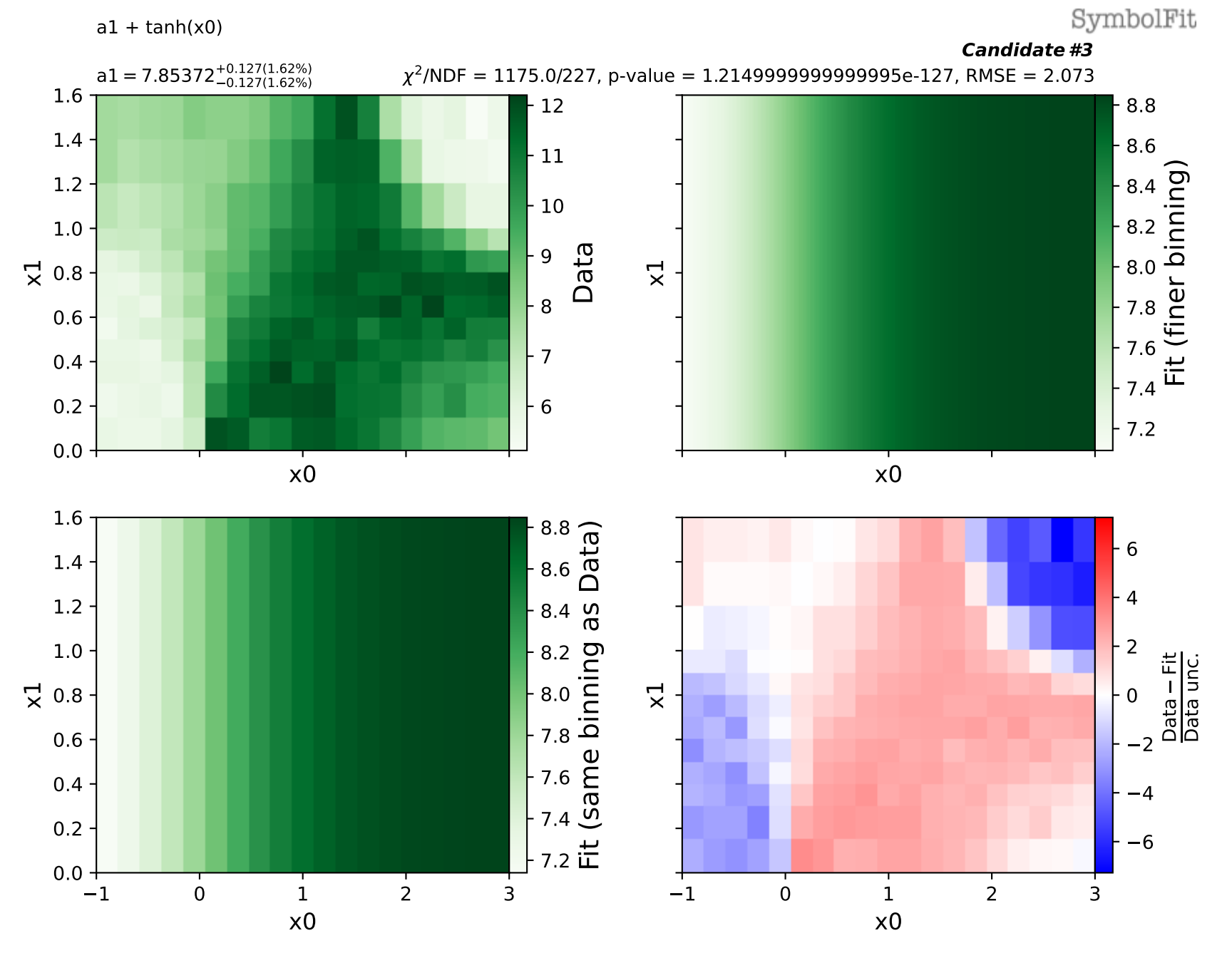
Candidate function #5


a1 + x0*gauss(x1**2)
SymbolFit
Candidate #5
a1 = 7.797 +0.114(1.46%) −0.114(1.46%)
χ²/NDF = 954.1/227, p-value = 8.852999999999995e-90, RMSE = 1.943
x1
x0
Data
Fit (finer binning)
Fit (same binning as Data)
Data − Fit / Data unc.

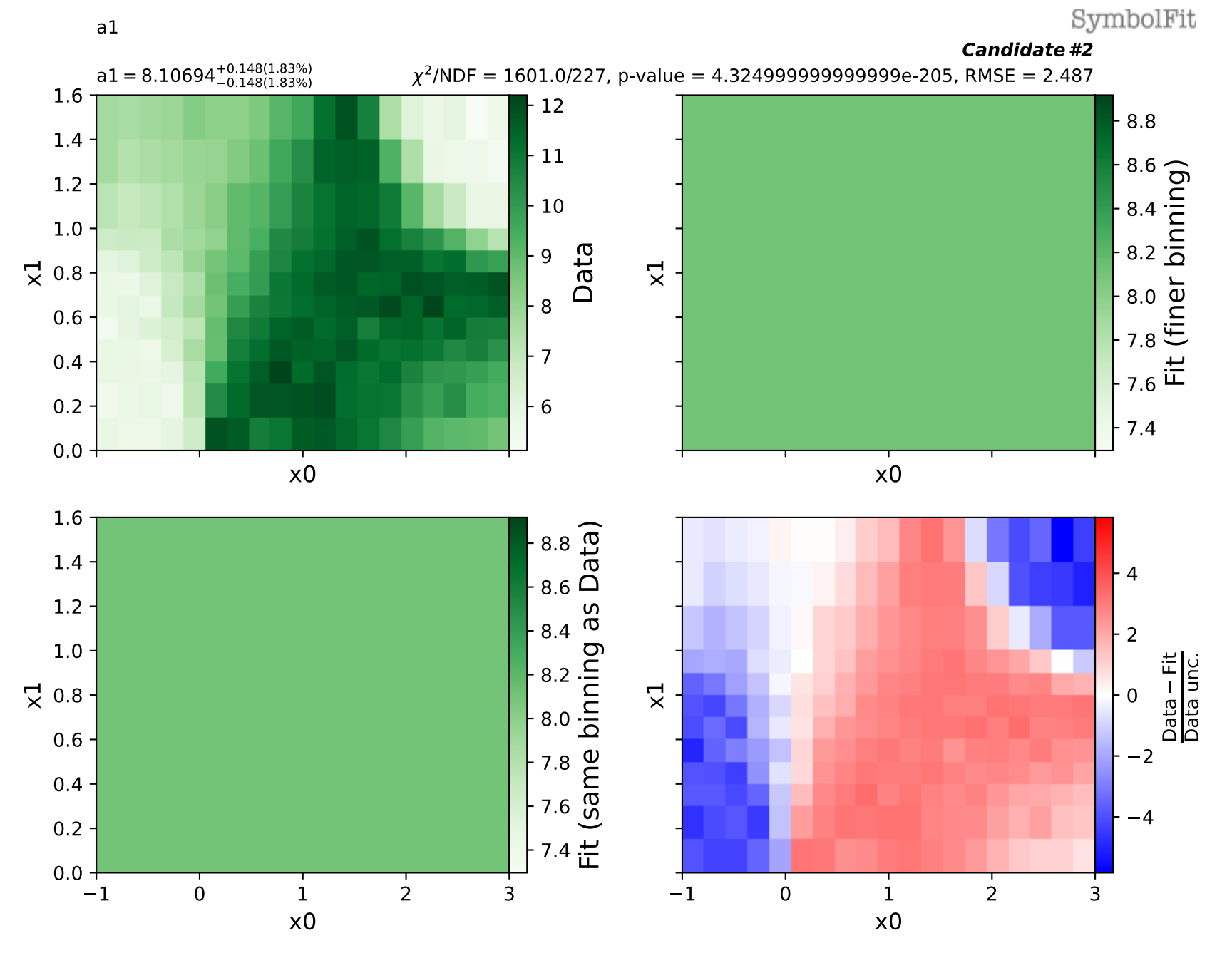
Candidate function #4


a1 + x0*gauss(x1)
SymbolFit
Candidate #4
a1 = 7.79314 +0.12(1.54%) −0.12(1.54%)
χ²/NDF = 1061.0/227, p-value = 7.515999999999995e-108, RMSE = 2.034
x1
x0
Data
Fit (finer binning)
Fit (same binning as Data)
Data − Fit / Data unc.

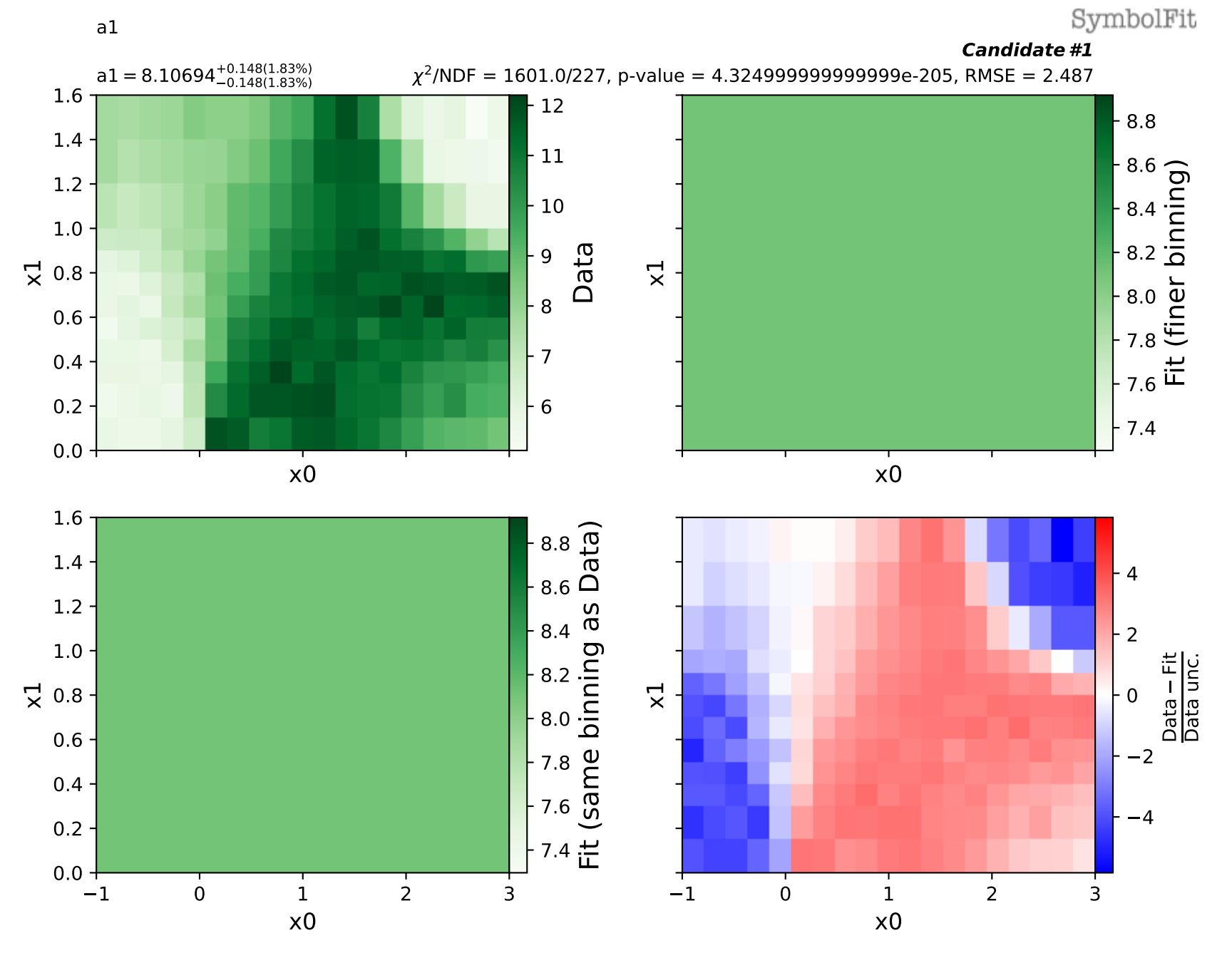
Candidate function #3


a1 + tanh(x0)
SymbolFit
Candidate #3
a1 = 7.85372$^{+0.127(1.62\%)}_{-0.127(1.62\%)}$
χ^2/NDF = 1175.0/227, p-value = 1.2149999999999995e-127, RMSE = 2.073
x1
x0
Data
Fit (finer binning)
Fit (same binning as Data)
$\frac{\text{Data} - \text{Fit}}{\text{Data unc.}}$

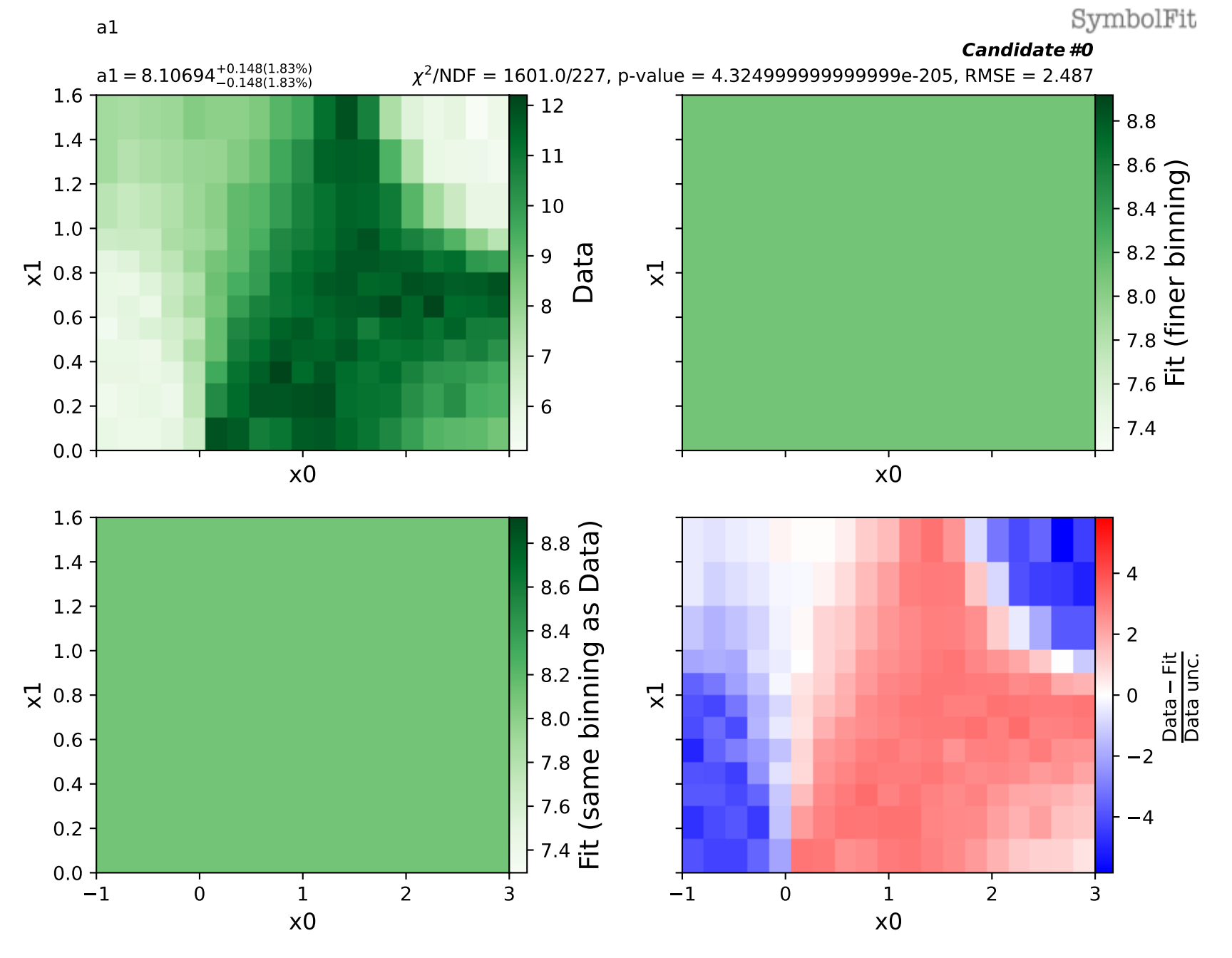
Candidate function #2


a1
SymbolFit
Candidate #2
a1 = 8.10694$^{+0.148(1.83\%)}_{-0.148(1.83\%)}$
χ^2/NDF = 1601.0/227, p-value = 4.324999999999999e-205, RMSE = 2.487
x1
x0
Data
Fit (finer binning)
Fit (same binning as Data)
Data − Fit / Data unc.

Candidate function #1


a1
SymbolFit
Candidate #1
a1 = 8.10694 +0.148(1.83%) −0.148(1.83%)
χ²/NDF = 1601.0/227, p-value = 4.324999999999999e-205, RMSE = 2.487
x1
x0
Data
Fit (finer binning)
Fit (same binning as Data)
Data − Fit / Data unc.

Candidate function #0


a1
SymbolFit
Candidate #0
a1 = 8.10694 +0.148(1.83%) −0.148(1.83%)
χ²/NDF = 1601.0/227, p-value = 4.324999999999999e-205, RMSE = 2.487
Data
Fit (finer binning)
Fit (same binning as Data)
Data − Fit / Data unc.
x0
x1