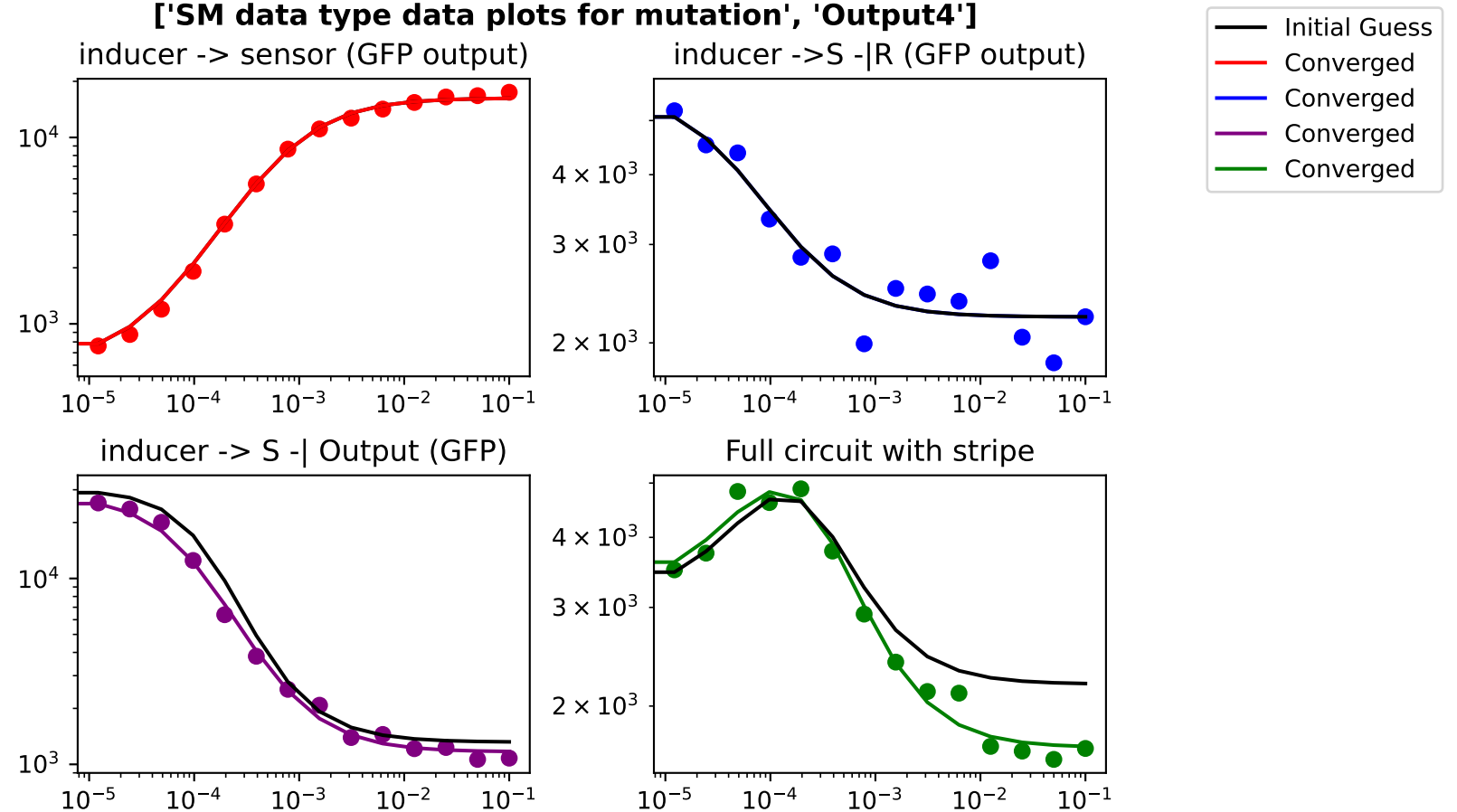

Across all four plots:

RSS (converged)=0.072

RSS (initial)=0.231

RSS (% reduction)=0.763

	epsilon	Initial_guesses	Converged
A_s	0.000000	618.047086	6.180471e+02
B_s	0.000000	16278.856600	1.627886e+04
C_s	0.000000	1300.653790	1.300654e+03
N_s	0.000000	1.096541	1.096541e+00
A_r	0.000000	1916.175610	1.916176e+03
B_r	0.000000	18874.240800	1.887424e+04
C_r	0.000000	0.009030	9.030180e-03
N_r	0.000000	0.820433	8.204333e-01
A_h	-437.138941	683.835638	2.466967e+02
B_h	6080.300299	32464.380200	3.854468e+04
C_h	0.000356	0.000473	8.291329e-04
F_o	-1.155903	2.821352	1.665449e+00
A_o	-0.632148	0.632148	1.549369e-13
B_o	0.633557	0.972768	1.606325e+00
C_o	-0.362247	2.640174	2.277926e+00
N_o	-0.493671	1.919339	1.425669e+00

message: Optimization terminated successfully.
success: True
status: 0
fun: 0.07174981301743372
x: [6.180e+02 1.628e+04 ... 2.278e+00 1.426e+00]
nit: 1695
nfev: 2458
final_simplex: (array([[6.180e+02, 1.628e+04, ..., 2.278e+00,
1.426e+00],
[6.180e+02, 1.628e+04, ..., 2.278e+00,
1.426e+00],
...,
[6.180e+02, 1.628e+04, ..., 2.278e+00,
1.426e+00],
[6.180e+02, 1.628e+04, ..., 2.278e+00,
1.426e+00]]), array([7.175e-02, 7.175e-02, ..., 7.175e-02, 7.175e-02]))