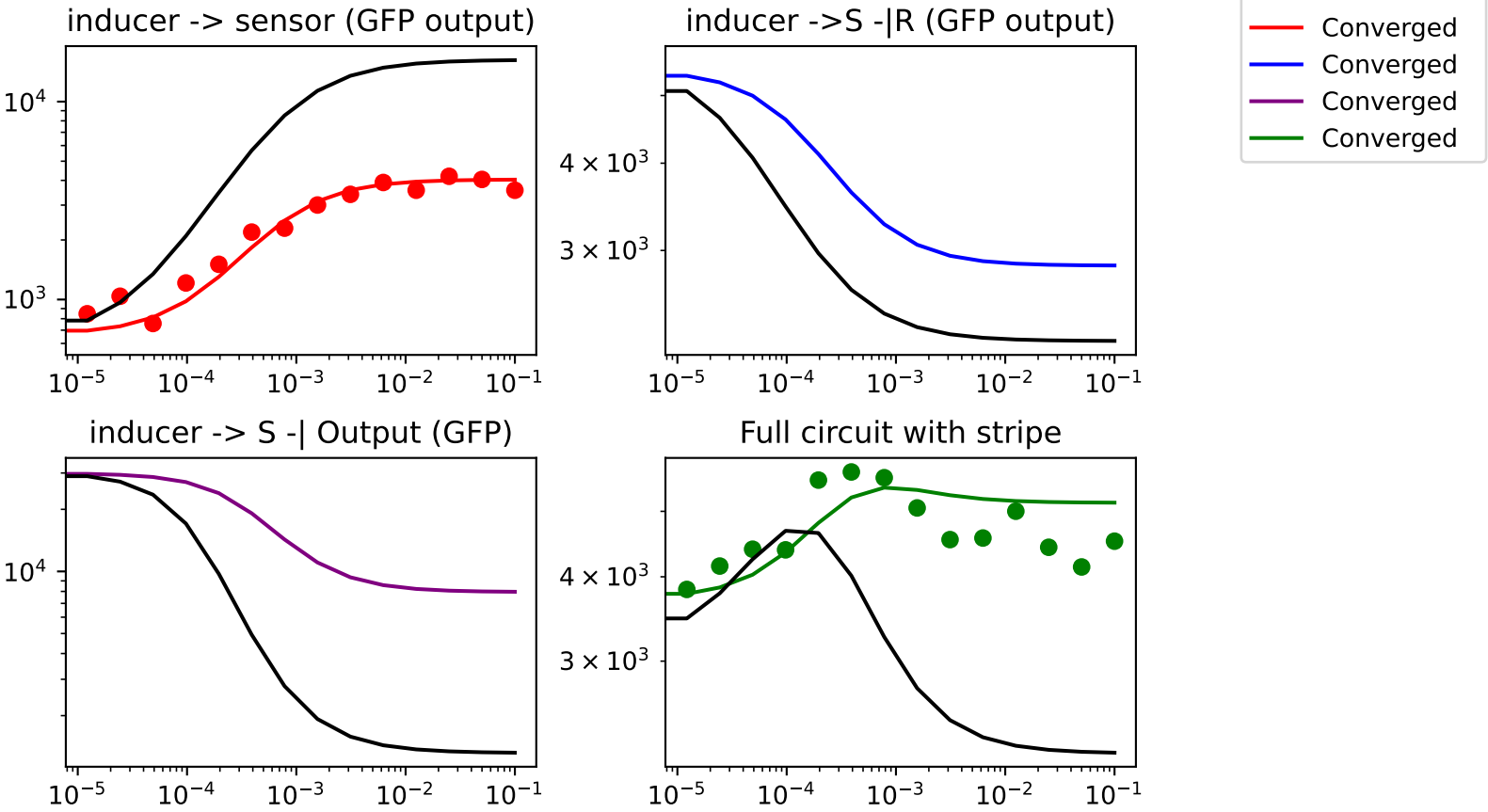


['SM data type data plots for mutation', 'Sensor10', 'using model:', 'model_hill']



Across all four plots:

RSS (converged)=0.151

RSS (initial)=4.101

RSS (% reduction)=0.964

	epsilon	Initial_guesses	Converged
As	49.084281	618.047086	667.131367
Bs	-12235.545730	16278.856600	4043.310870
Cs	190.454014	1300.653790	1491.107804
Ns	0.088651	1.096541	1.185192
Ar	0.000000	1916.175610	1916.175610
Br	0.000000	18874.240800	18874.240800
Cr	0.000000	0.009030	0.009030
Nr	0.000000	0.820433	0.820433
Ah	0.000000	683.835638	683.835638
Bh	0.000000	32464.380200	32464.380200
Ch	0.000000	0.000473	0.000473
Fo	0.404271	2.821352	3.225623
Ao	0.000000	0.632148	0.632148
Bo	0.000000	0.972768	0.972768
Co	0.000000	2.640174	2.640174
No	0.000000	1.919339	1.919339

message: Maximum number of iterations has been exceeded.

success: False

status: 2

fun: 0.15115859879708138

x: [6.671e+02 4.043e+03 ... 2.640e+00 1.919e+00]

nit: 100

nfev: 145

final_simplex: (array([[6.671e+02, 4.043e+03, ..., 2.640e+00, 1.919e+00],
[6.779e+02, 4.376e+03, ..., 2.640e+00, 1.919e+00],
...,
[6.723e+02, 4.894e+03, ..., 2.640e+00, 1.919e+00],
[6.779e+02, 4.376e+03, ..., 2.640e+00, 1.919e+00],
[6.722e+02, 3.463e+03, ..., 2.640e+00, 1.919e+00]]), array([1.512e-01, 1.550e-01, ..., 1.957e-01, 2.002e-01]))