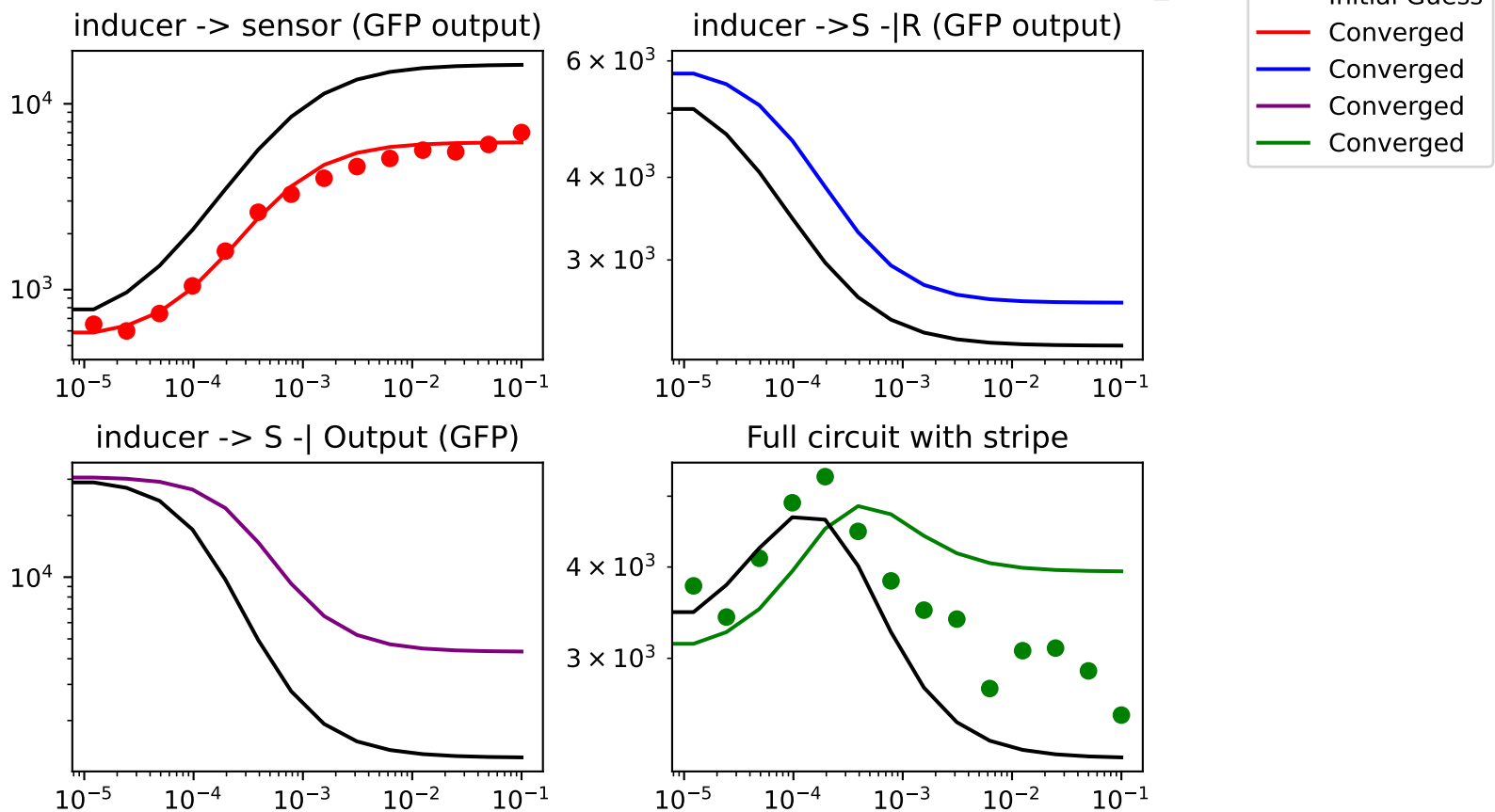


['SM data type data plots for mutation', 'Sensor5', 'using model:', 'model_hill']



Across all four plots:

RSS (converged)=0.193

RSS (initial)=2.086

RSS (% reduction)=0.915

	epsilon	Initial_guesses	Converged
As	-69.464884	618.047086	548.582202
Bs	-10066.923068	16278.856600	6211.933532
Cs	148.248783	1300.653790	1448.902573
Ns	0.132100	1.096541	1.228641
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	0.065507	2.821352	2.886859
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: 0.19328309491899864
x: [5.486e+02 6.212e+03 ... 2.640e+00 1.919e+00]
nit: 100
nfev: 144
final_simplex: (array([[5.486e+02, 6.212e+03, ..., 2.640e+00, 1.919e+00],
[5.512e+02, 6.193e+03, ..., 2.640e+00, 1.919e+00],
...,
[5.508e+02, 6.133e+03, ..., 2.640e+00, 1.919e+00],
[5.504e+02, 7.102e+03, ..., 2.640e+00, 1.919e+00]]), array([1.933e-01, 1.953e-01, ..., 2.061e-01, 2.072e-01]))