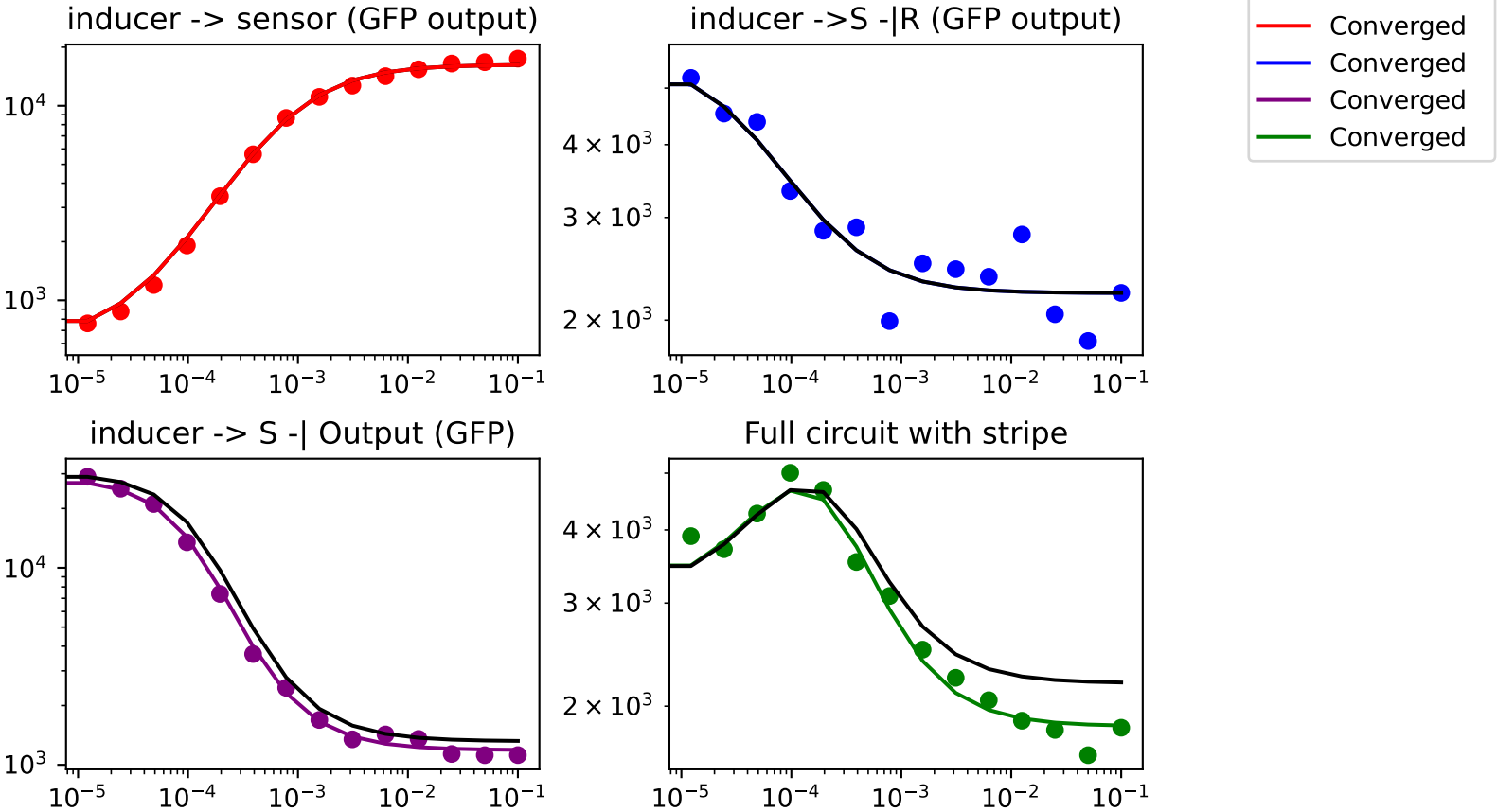


['SM data type data plots for mutation', 'Output1', 'using model:', 'model_hill']



Across all four plots:

RSS (converged)=0.072

RSS (initial)=0.171

RSS (% reduction)=0.704

	epsilon	Initial_guesses	Converged
As	0.000000	618.047086	618.047086
Bs	0.000000	16278.856600	16278.856600
Cs	0.000000	1300.653790	1300.653790
Ns	0.000000	1.096541	1.096541
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	5.446610	683.835638	689.282248
Bh	-717.783232	32464.380200	31746.596968
Ch	0.000082	0.000473	0.000555
Fo	-0.131942	2.821352	2.689410
Ao	-0.132768	0.632148	0.499380
Bo	0.166288	0.972768	1.139056
Co	-0.369605	2.640174	2.270569
No	-0.038720	1.919339	1.880619

message: Maximum number of iterations has been exceeded.
success: False
status: 2
fun: 0.07192946781607226
x: [6.180e+02 1.628e+04 ... 2.271e+00 1.881e+00]
nit: 100
nfev: 142
final_simplex: (array([[6.180e+02, 1.628e+04, ..., 2.271e+00, 1.881e+00],
[6.180e+02, 1.628e+04, ..., 2.200e+00, 1.869e+00],
...,
[6.180e+02, 1.628e+04, ..., 2.339e+00, 1.936e+00],
[6.180e+02, 1.628e+04, ..., 2.405e+00, 1.930e+00]]), array([7.193e-02, 7.360e-02, ..., 8.301e-02, 8.381e-02]))