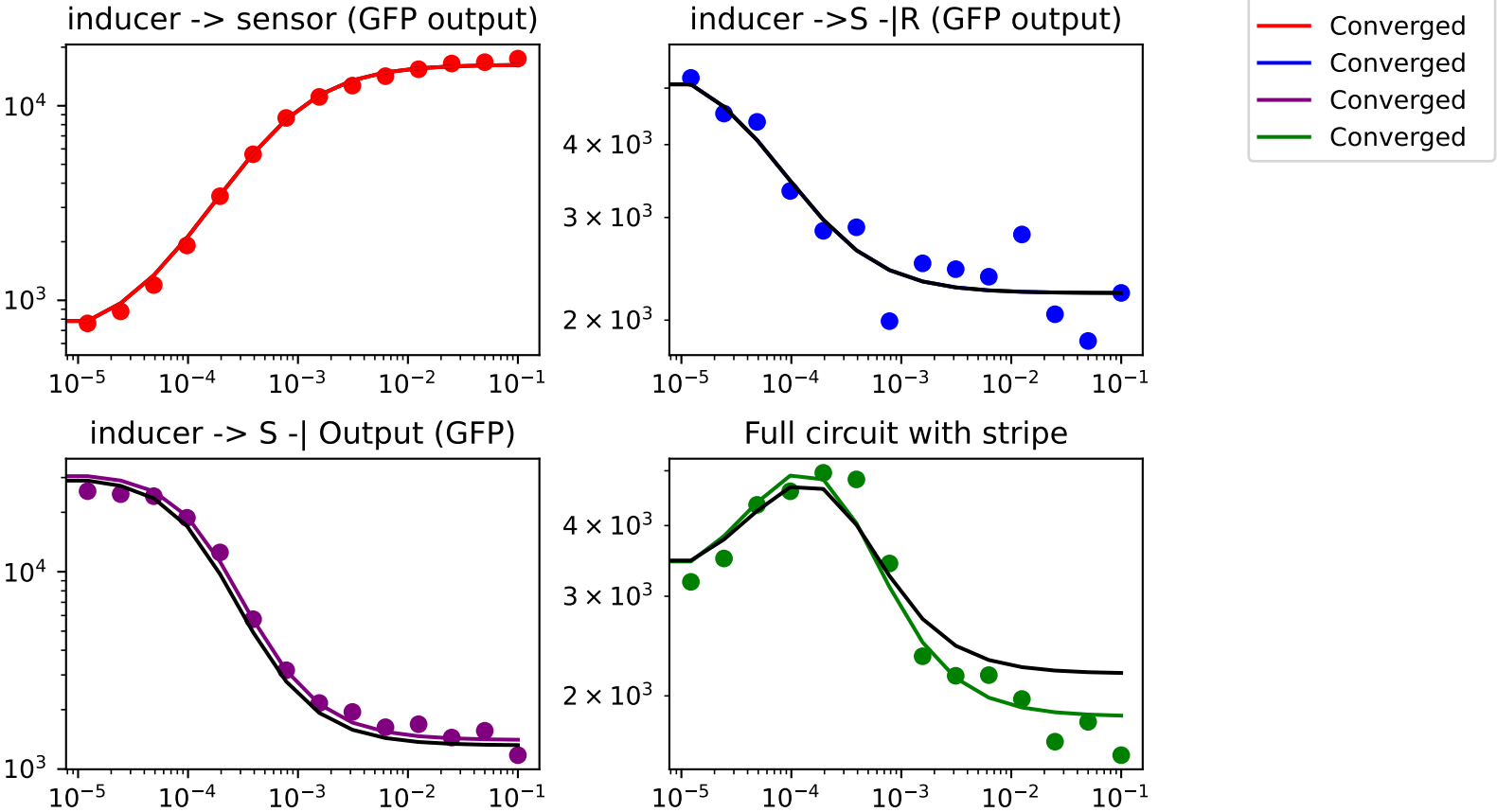


['SM data type data plots for mutation', 'Output5', 'using model:', 'model_hill']



Across all four plots:

RSS (converged)=0.1

RSS (initial)=0.169

RSS (% reduction)=0.629

	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	-32.469380	683.835638	651.366258
Bh	922.036360	32464.380200	33386.416560
Ch	-0.000046	0.000473	0.000427
Fo	-0.317504	2.821352	2.503848
Ao	-0.191442	0.632148	0.440706
Bo	0.083532	0.972768	1.056300
Co	-0.087894	2.640174	2.552280
No	0.025928	1.919339	1.945267

message: Maximum number of iterations has been exceeded.
success: False
status: 2
fun: 0.09973130367067996
x: [6.180e+02 1.628e+04 ... 2.552e+00 1.945e+00]
nit: 100
nfev: 144
final_simplex: (array([[6.180e+02, 1.628e+04, ..., 2.552e+00, 1.945e+00],
[6.180e+02, 1.628e+04, ..., 2.613e+00, 1.941e+00],
...,
[6.180e+02, 1.628e+04, ..., 2.513e+00, 1.935e+00],
[6.180e+02, 1.628e+04, ..., 2.562e+00, 1.938e+00]]), array([9.973e-02, 1.027e-01, ..., 1.049e-01, 1.050e-01]))