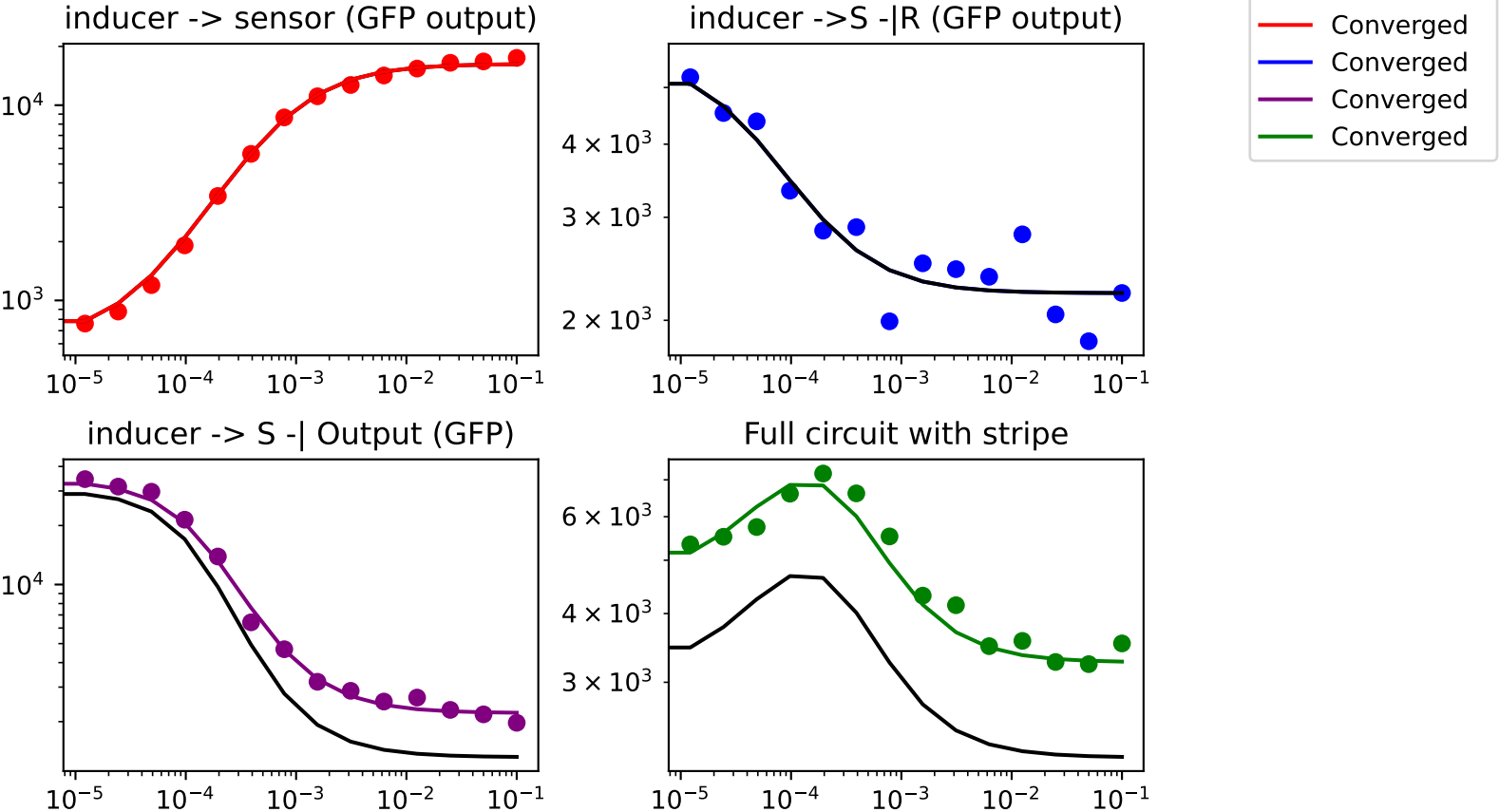


['SM data type data plots for mutation', 'Output7', 'using model:', 'model_hill']



Across all four plots:

RSS (converged)=0.074

RSS (initial)=1.104

RSS (% reduction)=0.937

	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	68.159385	683.835638	751.995023
Bh	5243.663300	32464.380200	37708.043500
Ch	-0.000027	0.000473	0.000446
Fo	-0.291357	2.821352	2.529995
Ao	0.028928	0.632148	0.661076
Bo	-0.080409	0.972768	0.892359
Co	0.079562	2.640174	2.719736
No	-0.298892	1.919339	1.620447

message: Maximum number of iterations has been exceeded.
success: False
status: 2
fun: 0.0743551512297872
x: [6.180e+02 1.628e+04 ... 2.720e+00 1.620e+00]
nit: 100
nfev: 141
final_simplex: (array([[6.180e+02, 1.628e+04, ..., 2.720e+00, 1.620e+00],
[6.180e+02, 1.628e+04, ..., 2.704e+00, 1.593e+00],
...,
[6.180e+02, 1.628e+04, ..., 2.668e+00, 1.648e+00],
[6.180e+02, 1.628e+04, ..., 2.657e+00, 1.636e+00]]), array([7.436e-02, 7.440e-02, ..., 8.621e-02, 8.779e-02]))