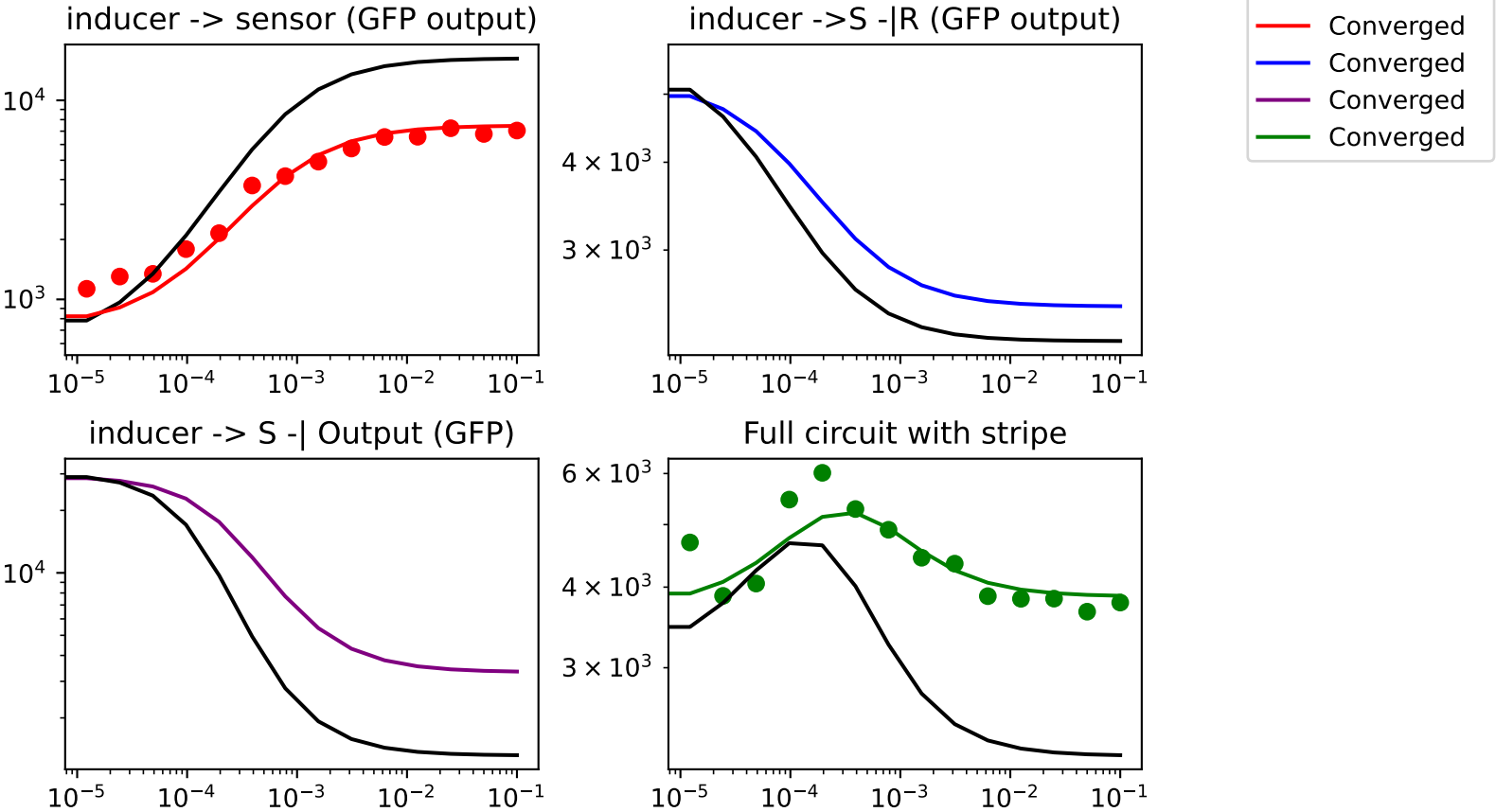


['SM data type data plots for mutation', 'Sensor6', 'using model:', 'model\_hill']



Across all four plots:

RSS (converged)=0.117

RSS (initial)=1.659

RSS (% reduction)=0.934

	epsilon	Initial_guesses	Converged
As	120.466367	618.047086	738.513453
Bs	-8795.715868	16278.856600	7483.140732
Cs	-2.710094	1300.653790	1297.943696
Ns	-0.041869	1.096541	1.054672
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	0.291867	2.821352	3.113219
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: 0.11662820377299307  
x: [ 7.385e+02 7.483e+03 ... 2.640e+00 1.919e+00]  
nit: 100  
nfev: 142  
final\_simplex: (array([[ 7.385e+02, 7.483e+03, ..., 2.640e+00, 1.919e+00],  
[ 7.479e+02, 7.085e+03, ..., 2.640e+00, 1.919e+00],  
...,  
[ 7.211e+02, 7.245e+03, ..., 2.640e+00, 1.919e+00],  
[ 7.172e+02, 7.143e+03, ..., 2.640e+00, 1.919e+00]]), array([ 1.166e-01, 1.240e-01, ..., 1.570e-01, 1.573e-01]))