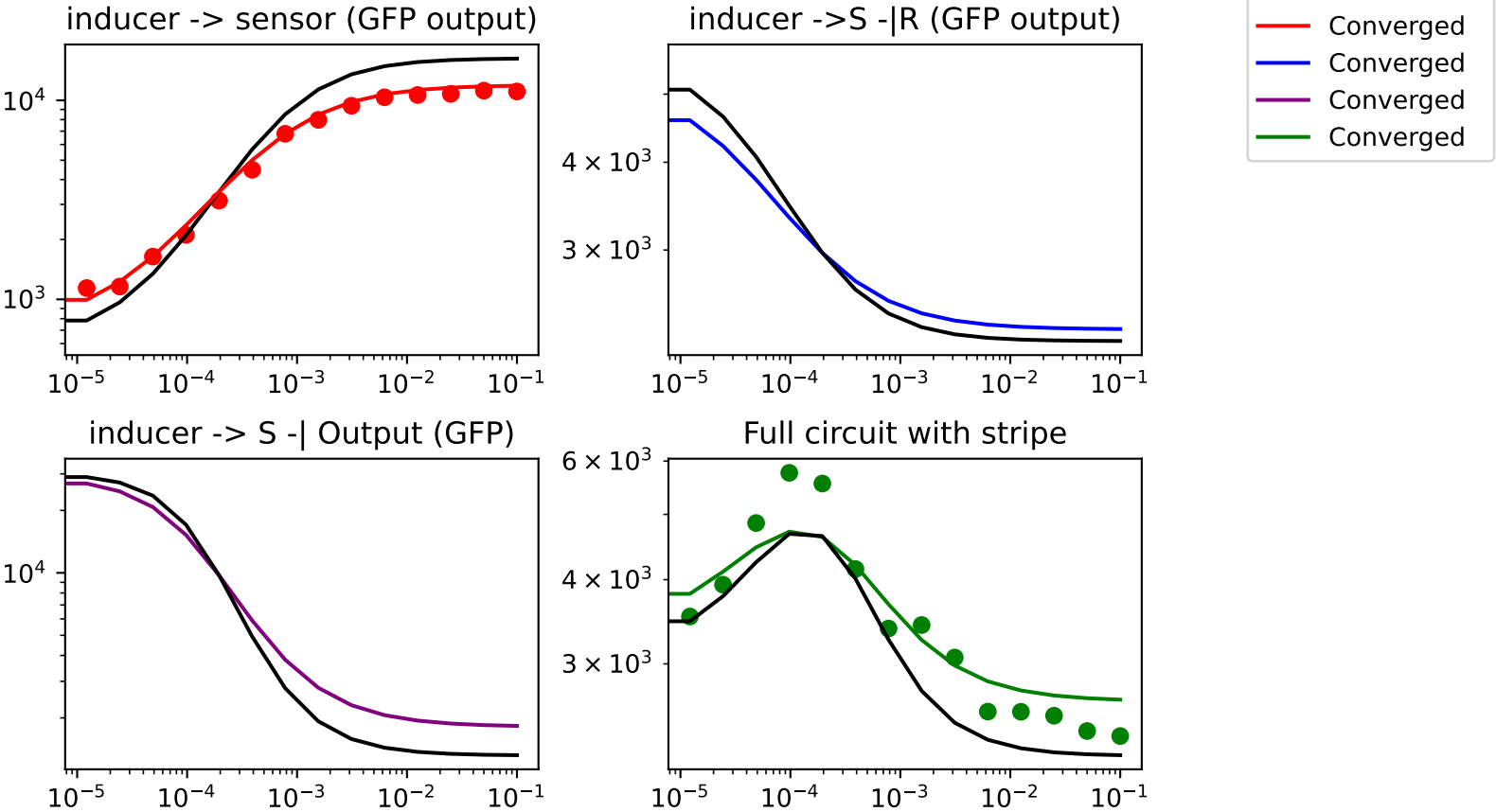


['SM data type data plots for mutation', 'Sensor1', 'using model:', 'model\_hill']



Across all four plots:

RSS (converged)=0.056

RSS (initial)=0.327

RSS (% reduction)=0.853

	epsilon	Initial_guesses	Converged
As	107.998382	618.047086	726.045468
Bs	-4327.591565	16278.856600	11951.265035
Cs	220.960216	1300.653790	1521.614006
Ns	-0.166244	1.096541	0.930297
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	-0.008679	2.821352	2.812673
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: 0.05633180829519012  
x: [ 7.260e+02 1.195e+04 ... 2.640e+00 1.919e+00]  
nit: 100  
nfev: 141  
final\_simplex: (array([[ 7.260e+02, 1.195e+04, ..., 2.640e+00, 1.919e+00],  
[ 7.273e+02, 1.194e+04, ..., 2.640e+00, 1.919e+00],  
...,  
[ 7.310e+02, 1.115e+04, ..., 2.640e+00, 1.919e+00],  
[ 7.259e+02, 1.166e+04, ..., 2.640e+00, 1.919e+00]]), array([ 5.633e-02, 5.833e-02, ..., 6.433e-02, 6.441e-02]))