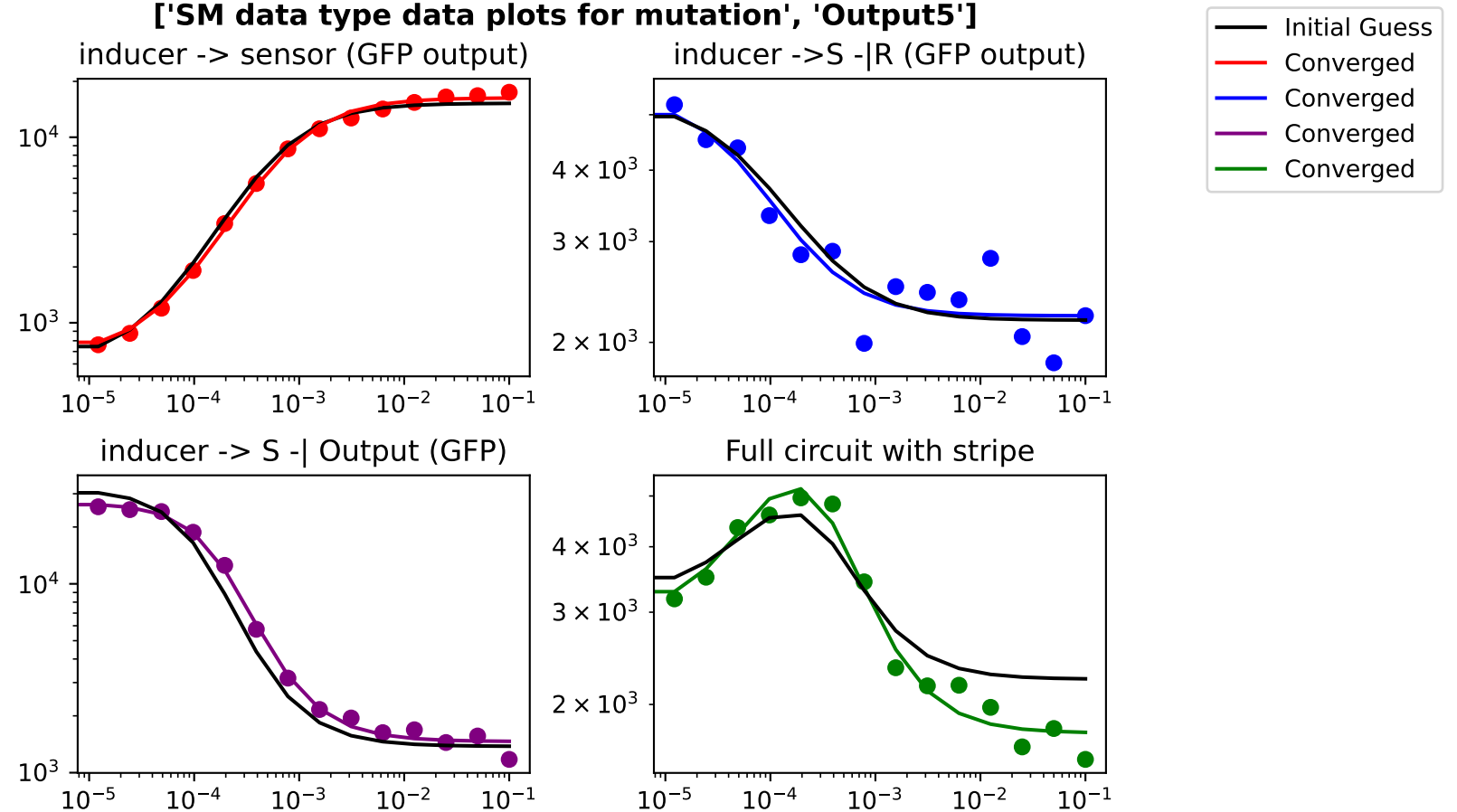

Across all four plots:

RSS (converged)=0.068

RSS (initial)=0.222

RSS (% reduction)=0.764

	epsilon	Initial_guesses	Converged
A_s	64.032263	608.397103	672.429366
B_s	1058.008562	15250.457700	16308.466262
C_s	-387.051698	1668.059050	1281.007352
N_s	-0.012874	1.198934	1.186060
A_r	1202.994053	687.964693	1890.958746
B_r	11432.084918	23497.611400	34929.696318
C_r	-0.035413	0.062367	0.026954
N_r	0.370401	0.391731	0.762132
A_h	64.175823	590.606548	654.782371
B_h	-6999.434004	35287.125700	28287.691696
C_h	-0.000140	0.000530	0.000390
A_o	-0.559921	0.829830	0.269909
B_o	-0.507785	4.288170	3.780385
C_o	-0.060677	3.133222	3.072545
N_o	0.098504	1.809018	1.907523


```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.06847141810010358
      x: [ 6.724e+02  1.631e+04 ...  3.073e+00  1.908e+00]
    nit: 9222
   nfev: 12164
final_simplex: (array([[ 6.724e+02,  1.631e+04, ...,  3.073e+00,
                         1.908e+00],
                       [ 6.724e+02,  1.631e+04, ...,  3.073e+00,
                         1.908e+00],
                       ...,
                       [ 6.724e+02,  1.631e+04, ...,  3.073e+00,
                         1.908e+00],
                       [ 6.724e+02,  1.631e+04, ...,  3.073e+00,
                         1.908e+00]]), array([ 6.847e-02,  6.847e-02, ...,  6.847e-02,  6.847e-02]))
```