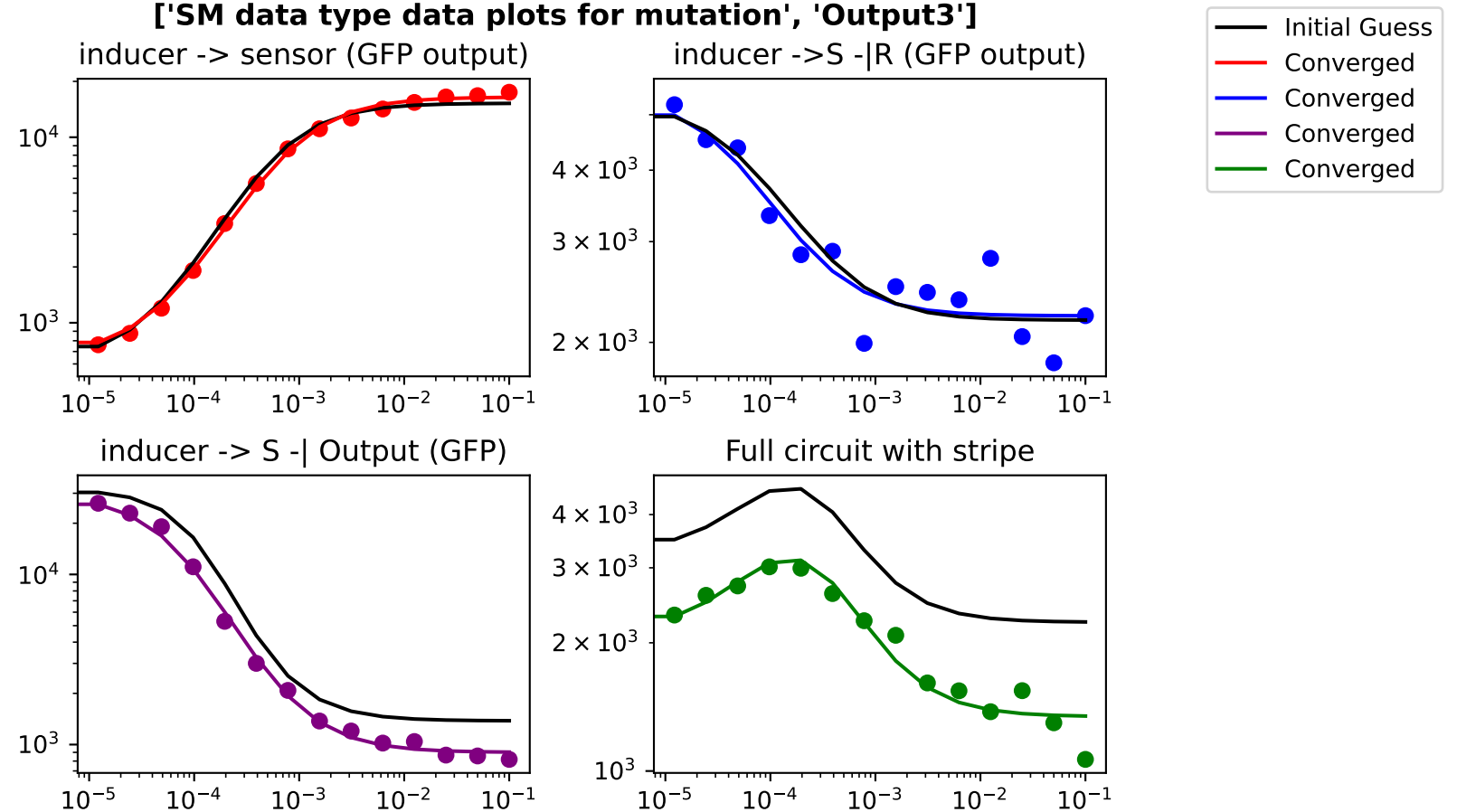

Across all four plots:

RSS (converged)=0.075

RSS (initial)=0.975

RSS (% reduction)=0.929

	epsilon	Initial_guesses	Converged
A_s	47.511887	608.397103	655.908990
B_s	1216.351315	15250.457700	16466.809015
C_s	-446.643749	1668.059050	1221.415301
N_s	-0.054290	1.198934	1.144643
A_r	1175.935523	687.964693	1863.900216
B_r	98555.283386	23497.611400	122052.894786
C_r	0.142962	0.062367	0.205329
N_r	0.324423	0.391731	0.716154
A_h	-413.834660	590.606548	176.771888
B_h	30286.907305	35287.125700	65574.033005
C_h	0.001249	0.000530	0.001779
A_o	-0.522004	0.829830	0.307826
B_o	-1.558929	4.288170	2.729241
C_o	-0.307089	3.133222	2.826133
N_o	-0.477506	1.809018	1.331512

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.07493248308571682
      x: [ 6.559e+02  1.647e+04 ...  2.826e+00  1.332e+00]
    nit: 14281
   nfev: 18848
final_simplex: (array([[ 6.559e+02,  1.647e+04, ...,  2.826e+00,
                         1.332e+00],
                       [ 6.559e+02,  1.647e+04, ...,  2.826e+00,
                         1.332e+00],
                       ...,
                       [ 6.559e+02,  1.647e+04, ...,  2.826e+00,
                         1.332e+00],
                       [ 6.559e+02,  1.647e+04, ...,  2.826e+00,
                         1.332e+00]]), array([ 7.493e-02,  7.493e-02, ...,  7.493e-02,  7.493e-02]))
```