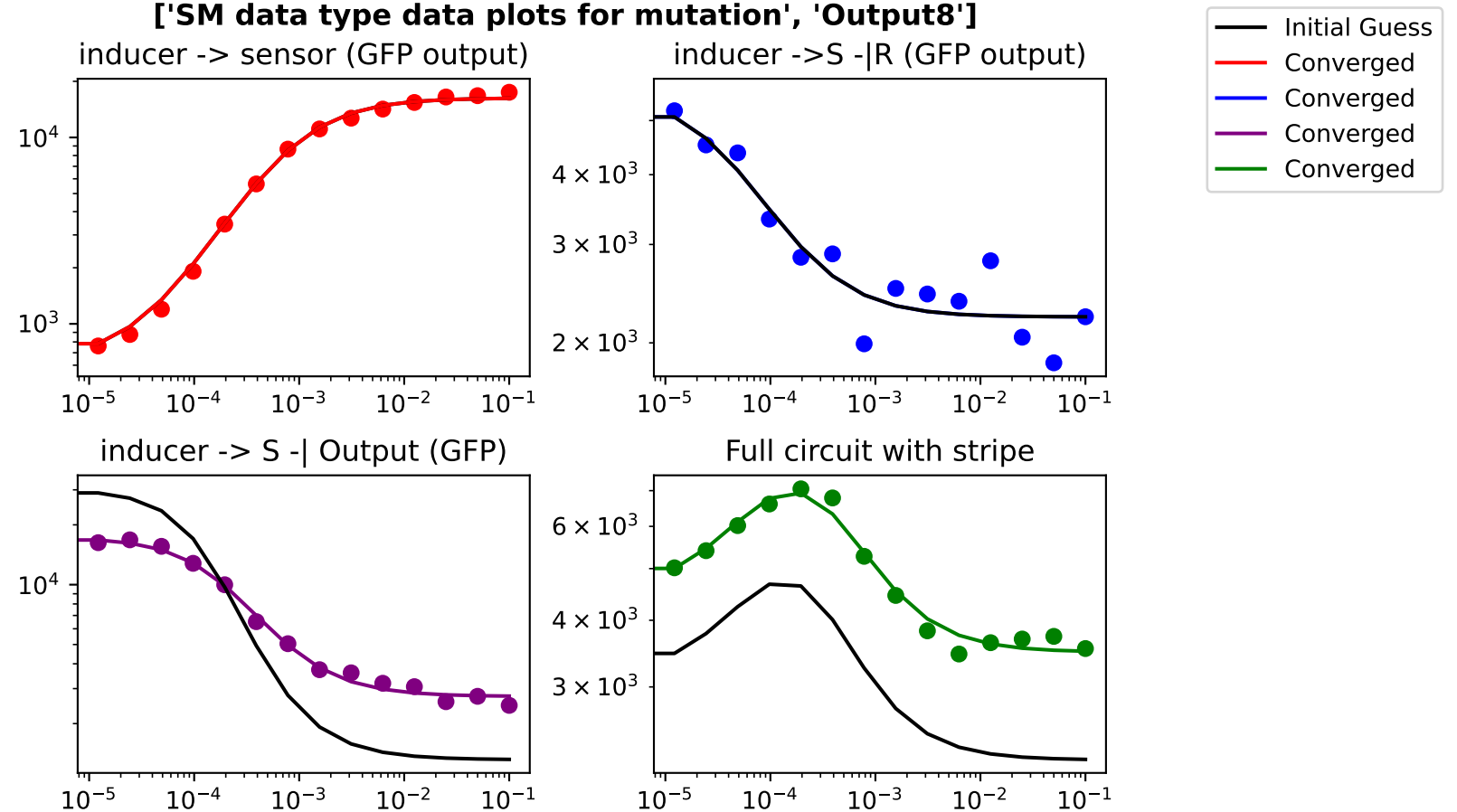

Across all four plots:

RSS (converged)=0.058

RSS (initial)=1.605

RSS (% reduction)=0.965

	epsilon	Initial_guesses	Converged
A_s	0.000000	618.047086	618.047086
B_s	0.000000	16278.856600	16278.856600
C_s	0.000000	1300.653790	1300.653790
N_s	0.000000	1.096541	1.096541
A_r	0.000000	1916.175610	1916.175610
B_r	0.000000	18874.240800	18874.240800
C_r	0.000000	0.009030	0.009030
N_r	0.000000	0.820433	0.820433
A_h	-51.684794	683.835638	632.150844
B_h	-14172.001789	32464.380200	18292.378411
C_h	-0.000191	0.000473	0.000282
F_o	2.241056	2.821352	5.062408
A_o	-0.629476	0.632148	0.002673
B_o	-0.460082	0.972768	0.512686
C_o	0.667360	2.640174	3.307534
N_o	-0.582507	1.919339	1.336832

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.05761003114295259
      x: [ 6.180e+02  1.628e+04 ...  3.308e+00  1.337e+00]
    nit: 4667
   nfev: 6371
final_simplex: (array([[ 6.180e+02,  1.628e+04, ...,  3.308e+00,
                         1.337e+00],
                       [ 6.180e+02,  1.628e+04, ...,  3.308e+00,
                         1.337e+00],
                       ...,
                       [ 6.180e+02,  1.628e+04, ...,  3.308e+00,
                         1.337e+00],
                       [ 6.180e+02,  1.628e+04, ...,  3.308e+00,
                         1.337e+00]]), array([ 5.761e-02,  5.761e-02, ...,  5.761e-02,  5.761e-02]))
```