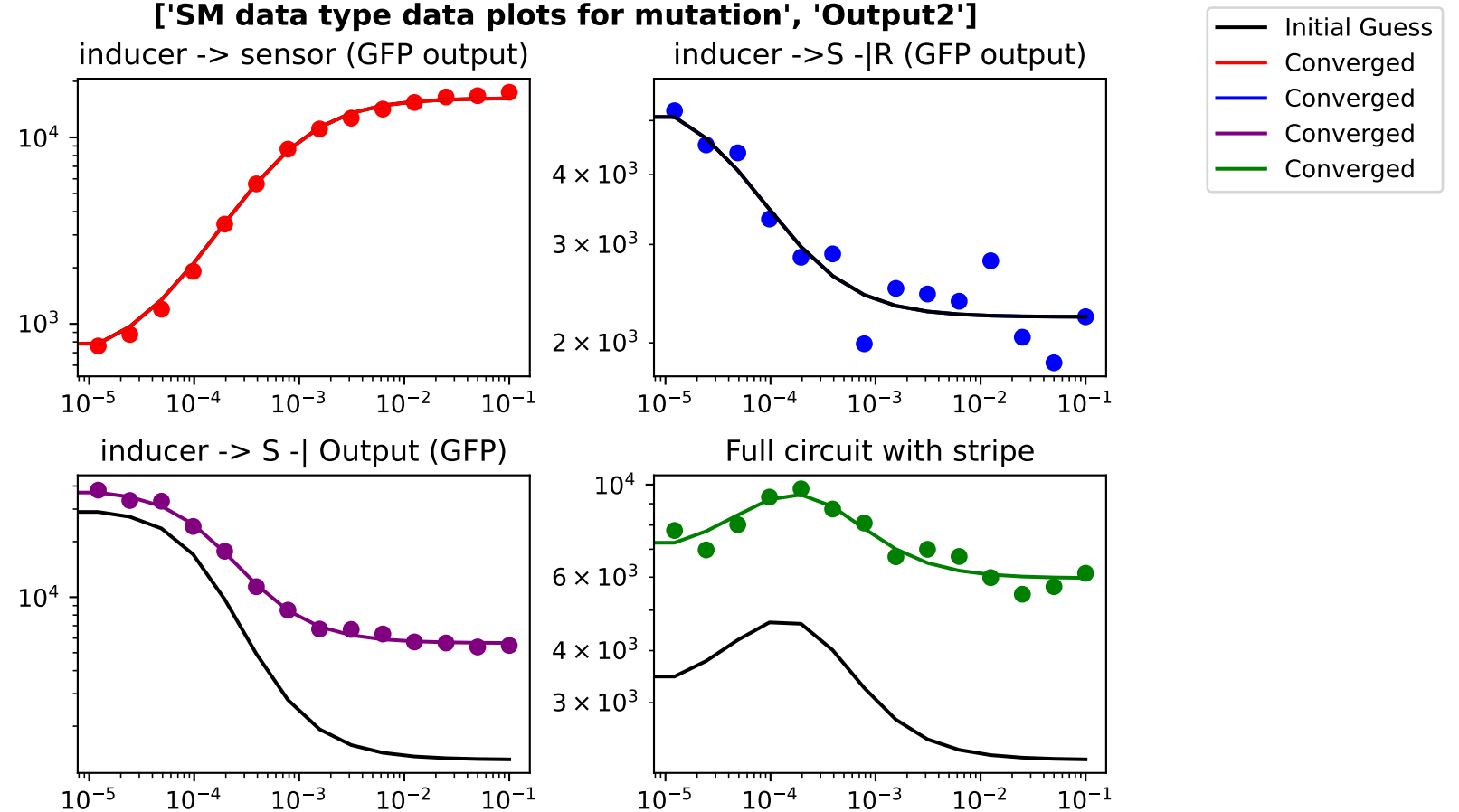

Across all four plots:

RSS (converged)=0.058

RSS (initial)=5.324

RSS (% reduction)=0.989

	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	3025.485083	683.835638	3709.320721
B_h	7271.174943	32464.380200	39735.555143
C_h	-0.000035	0.000473	0.000439
F_o	1.241131	2.821352	4.062483
A_o	-0.428842	0.632148	0.203306
B_o	-0.312126	0.972768	0.660642
C_o	0.910237	2.640174	3.550411
N_o	-0.404505	1.919339	1.514834


```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.05811516974101728
      x: [ 6.180e+02  1.628e+04 ...  3.550e+00  1.515e+00]
    nit: 8326
   nfev: 11104
final_simplex: (array([[ 6.180e+02,  1.628e+04, ...,  3.550e+00,
                         1.515e+00],
                       [ 6.180e+02,  1.628e+04, ...,  3.550e+00,
                         1.515e+00],
                       ...,
                       [ 6.180e+02,  1.628e+04, ...,  3.550e+00,
                         1.515e+00],
                       [ 6.180e+02,  1.628e+04, ...,  3.550e+00,
                         1.515e+00]]), array([ 5.812e-02,  5.812e-02, ...,  5.812e-02,  5.812e-02]))
```