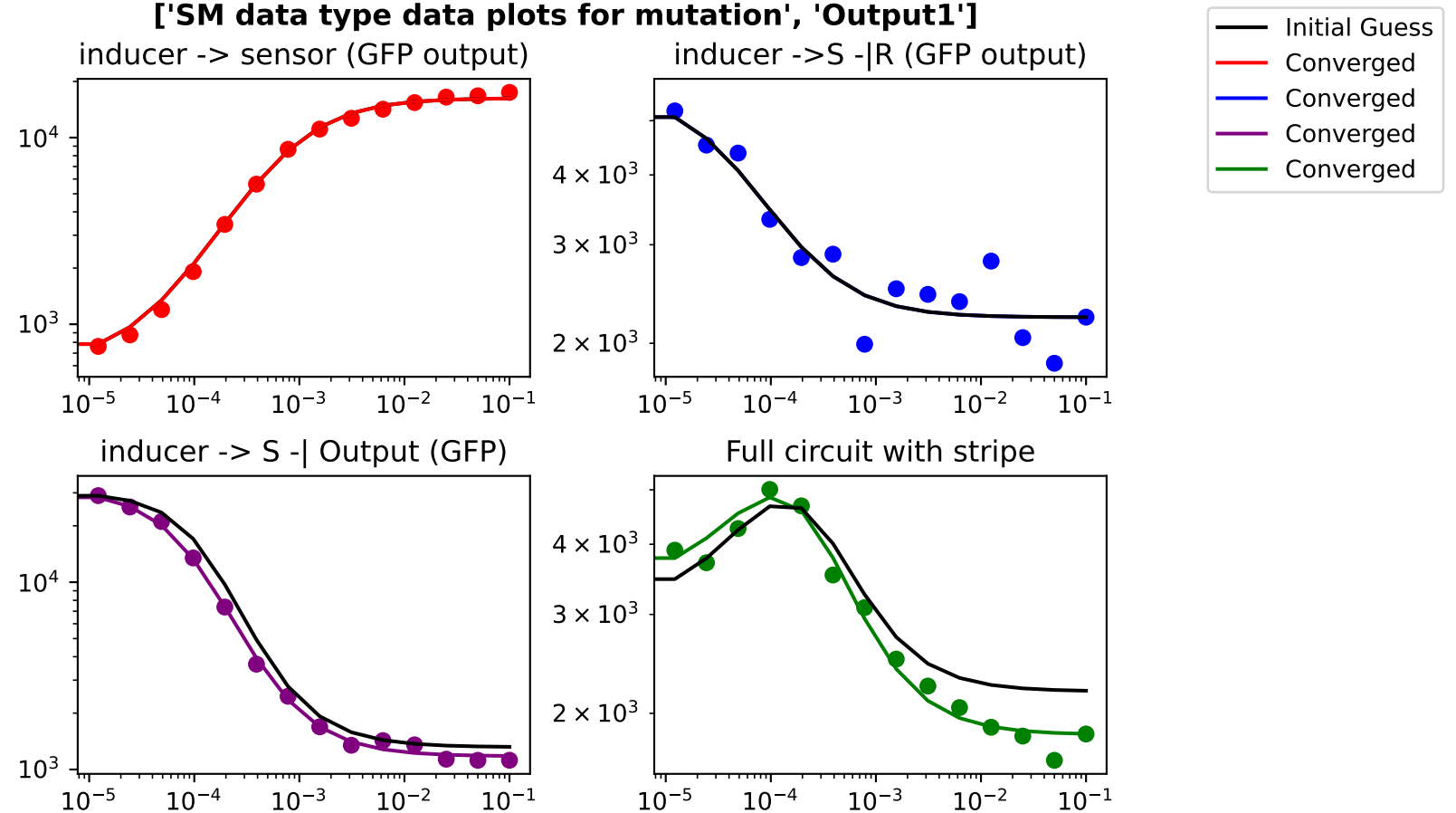

Across all four plots:

RSS (converged)=0.063

RSS (initial)=0.17

RSS (% reduction)=0.731

	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	-164.924542	683.835638	518.911096
B_h	7053.431282	32464.380200	39517.811482
C_h	0.000276	0.000473	0.000749
F_o	0.840271	2.821352	3.661622
A_o	-0.246059	0.632148	0.386089
B_o	-0.298402	0.972768	0.674366
C_o	-0.633432	2.640174	2.006742
N_o	-0.288333	1.919339	1.631007

```
     message: Optimization terminated successfully.
     success: True
      status: 0
         fun: 0.06278017594184845
           x: [ 6.180e+02  1.628e+04 ...  2.007e+00  1.631e+00]
         nit: 1195
        nfev: 1842
final_simplex: (array([[ 6.180e+02,  1.628e+04, ...,  2.007e+00,
                         1.631e+00],
                       [ 6.180e+02,  1.628e+04, ...,  2.007e+00,
                         1.631e+00],
                       ...,
                       [ 6.180e+02,  1.628e+04, ...,  2.007e+00,
                         1.631e+00],
                       [ 6.180e+02,  1.628e+04, ...,  2.007e+00,
                         1.631e+00]]), array([ 6.278e-02,  6.278e-02, ...,  6.278e-02,  6.278e-02]))
```