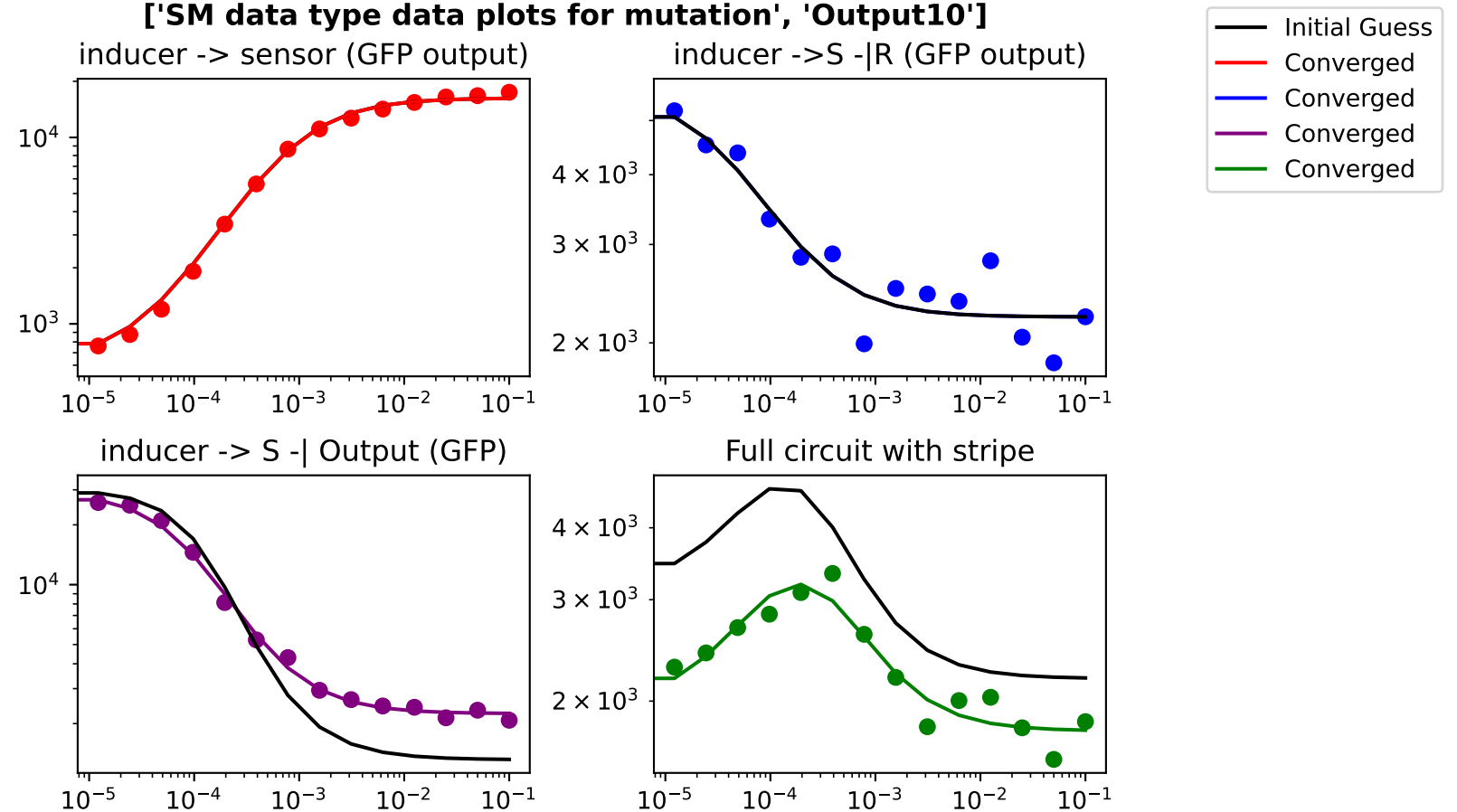

Across all four plots:

RSS (converged)=0.066

RSS (initial)=0.75

RSS (% reduction)=0.919

	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	338.782222	683.835638	1022.617860
B_h	7272.067684	32464.380200	39736.447884
C_h	0.000338	0.000473	0.000811
F_o	-1.412205	2.821352	1.409146
A_o	-0.478079	0.632148	0.154070
B_o	0.616763	0.972768	1.589531
C_o	1.338197	2.640174	3.978370
N_o	-0.582351	1.919339	1.336988

```
     message: Optimization terminated successfully.
     success: True
      status: 0
         fun: 0.06577890561951673
           x: [ 6.180e+02  1.628e+04 ...  3.978e+00  1.337e+00]
         nit: 2027
        nfev: 2902
final_simplex: (array([[ 6.180e+02,  1.628e+04, ...,  3.978e+00,
                         1.337e+00],
                       [ 6.180e+02,  1.628e+04, ...,  3.978e+00,
                         1.337e+00],
                       ...,
                       [ 6.180e+02,  1.628e+04, ...,  3.978e+00,
                         1.337e+00],
                       [ 6.180e+02,  1.628e+04, ...,  3.978e+00,
                         1.337e+00]]), array([ 6.578e-02,  6.578e-02, ...,  6.578e-02,  6.578e-02]))
```