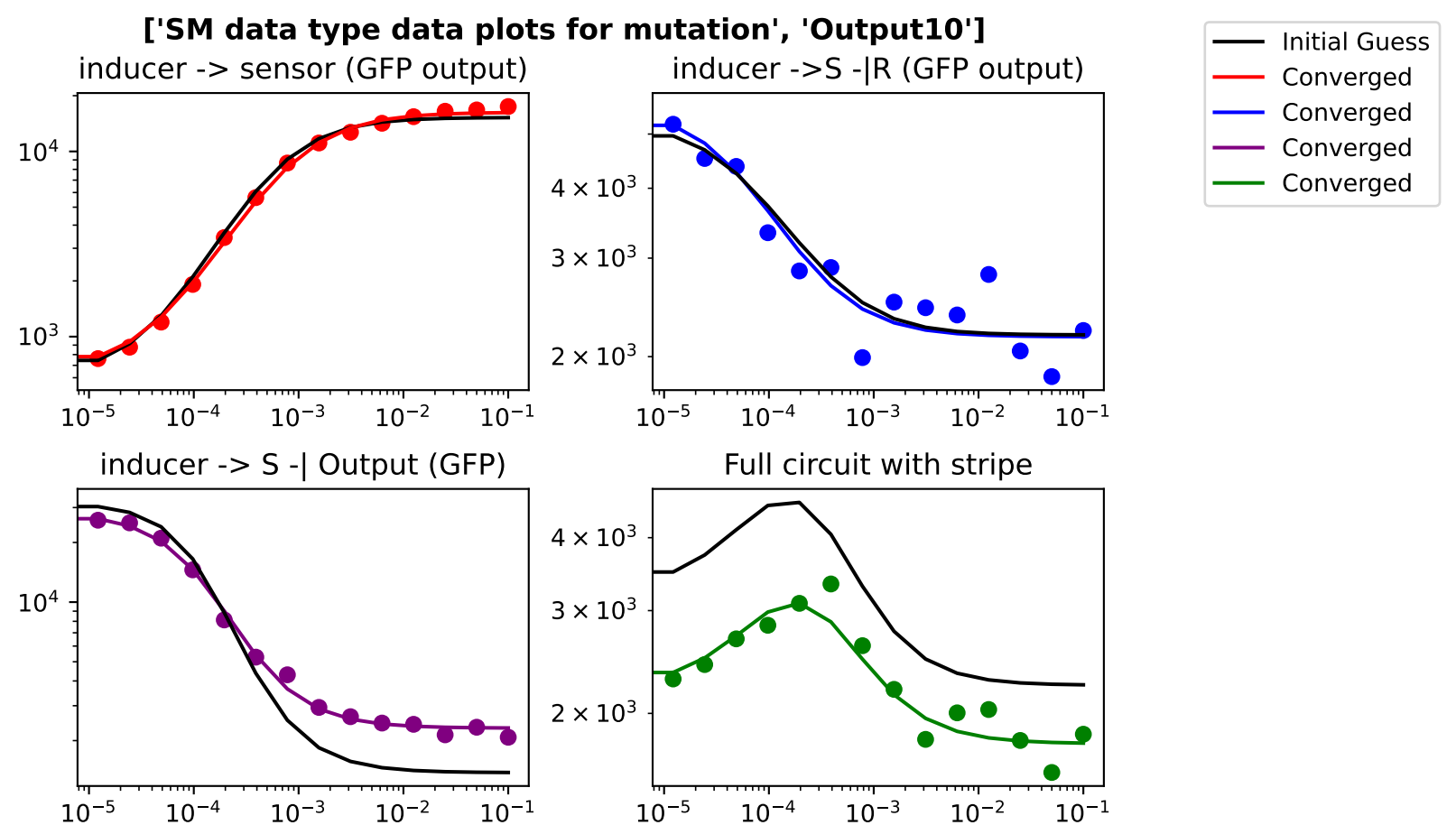

Across all four plots:

RSS (converged)=0.07

RSS (initial)=0.767

RSS (% reduction)=0.916

	epsilon	Initial_guesses	Converged
A_s	33.149055	608.397103	641.546158
B_s	1020.221275	15250.457700	16270.678975
C_s	-455.047871	1668.059050	1213.011179
N_s	-0.078908	1.198934	1.120026
A_r	1111.893866	687.964693	1799.858559
B_r	-10196.706378	23497.611400	13300.905022
C_r	-0.057573	0.062367	0.004795
N_r	0.423969	0.391731	0.815699
A_h	979.663143	590.606548	1570.269691
B_h	-883.932575	35287.125700	34403.193125
C_h	0.000171	0.000530	0.000701
A_o	-0.256962	0.829830	0.572868
B_o	-2.297348	4.288170	1.990822
C_o	-0.109638	3.133222	3.023584
N_o	-0.241389	1.809018	1.567629

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.07015664446818658
      x: [ 6.415e+02  1.627e+04 ...  3.024e+00  1.568e+00]
    nit: 12051
   nfev: 15928
final_simplex: (array([[ 6.415e+02,  1.627e+04, ...,  3.024e+00,
                         1.568e+00],
                       [ 6.415e+02,  1.627e+04, ...,  3.024e+00,
                         1.568e+00],
                       ...,
                       [ 6.415e+02,  1.627e+04, ...,  3.024e+00,
                         1.568e+00],
                       [ 6.415e+02,  1.627e+04, ...,  3.024e+00,
                         1.568e+00]]), array([ 7.016e-02,  7.016e-02, ...,  7.016e-02,  7.016e-02]))
```