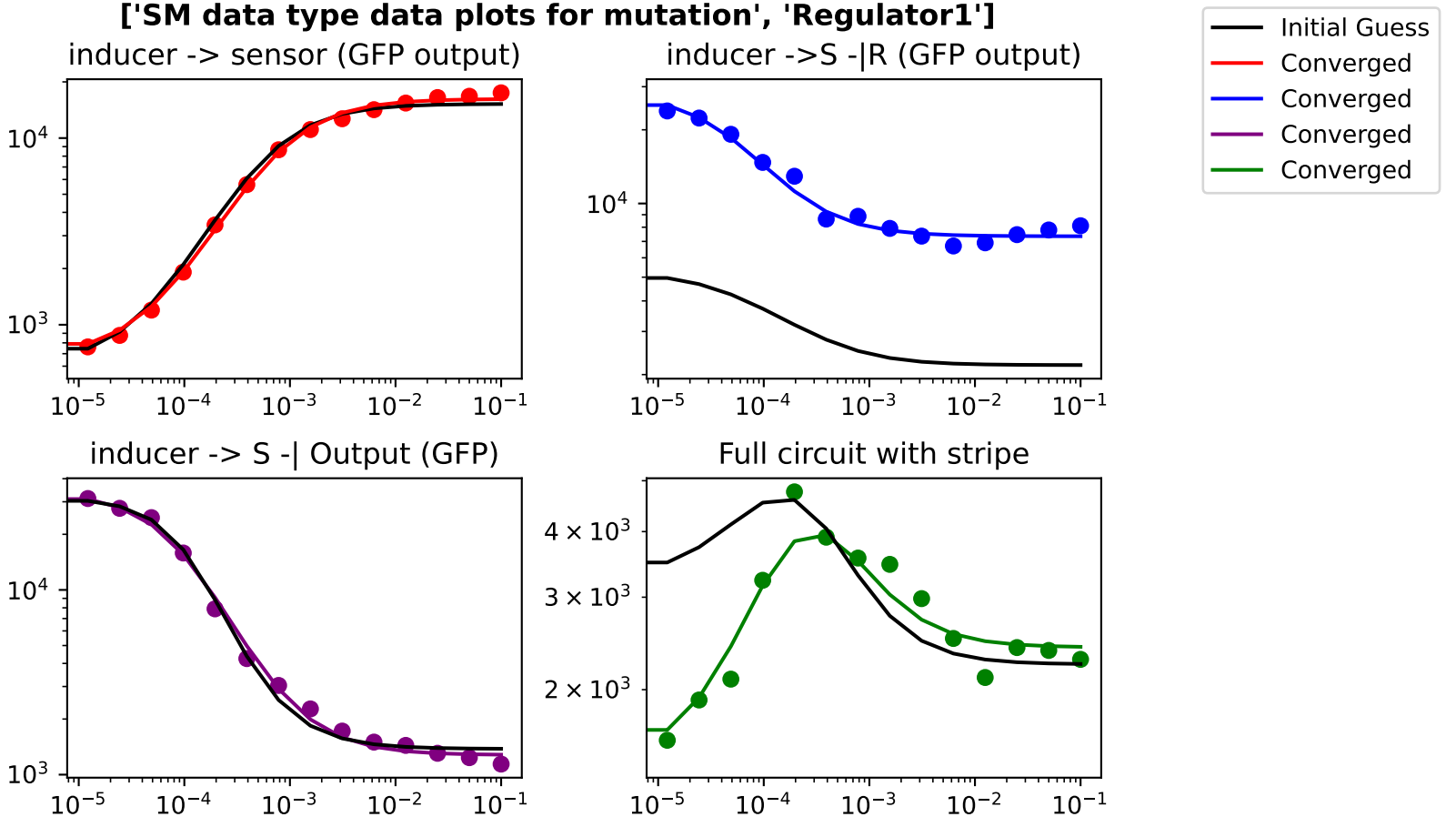

Across all four plots:

RSS (converged)=0.065

RSS (initial)=5.514

RSS (% reduction)=0.988

	epsilon	Initial_guesses	Converged
A_s	63.301515	608.397103	671.698618
B_s	964.389117	15250.457700	16214.846817
C_s	-390.153183	1668.059050	1277.905867
N_s	-0.028353	1.198934	1.170580
A_r	5670.371299	687.964693	6358.335992
B_r	306933.826816	23497.611400	330431.438216
C_r	-0.041173	0.062367	0.021194
N_r	0.603247	0.391731	0.994978
A_h	-571.091656	590.606548	19.514892
B_h	20633.934534	35287.125700	55921.060234
C_h	0.000542	0.000530	0.001072
A_o	-0.256272	0.829830	0.573558
B_o	-0.775794	4.288170	3.512376
C_o	-1.804703	3.133222	1.328519
N_o	-0.488197	1.809018	1.320821

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.06499120143682907
      x: [ 6.717e+02  1.621e+04 ...  1.329e+00  1.321e+00]
    nit: 13075
   nfev: 17367
final_simplex: (array([[ 6.717e+02,  1.621e+04, ...,  1.329e+00,
                         1.321e+00],
                       [ 6.717e+02,  1.621e+04, ...,  1.329e+00,
                         1.321e+00],
                       ...,
                       [ 6.717e+02,  1.621e+04, ...,  1.329e+00,
                         1.321e+00],
                       [ 6.717e+02,  1.621e+04, ...,  1.329e+00,
                         1.321e+00]]), array([ 6.499e-02,  6.499e-02, ...,  6.499e-02,  6.499e-02]))
```