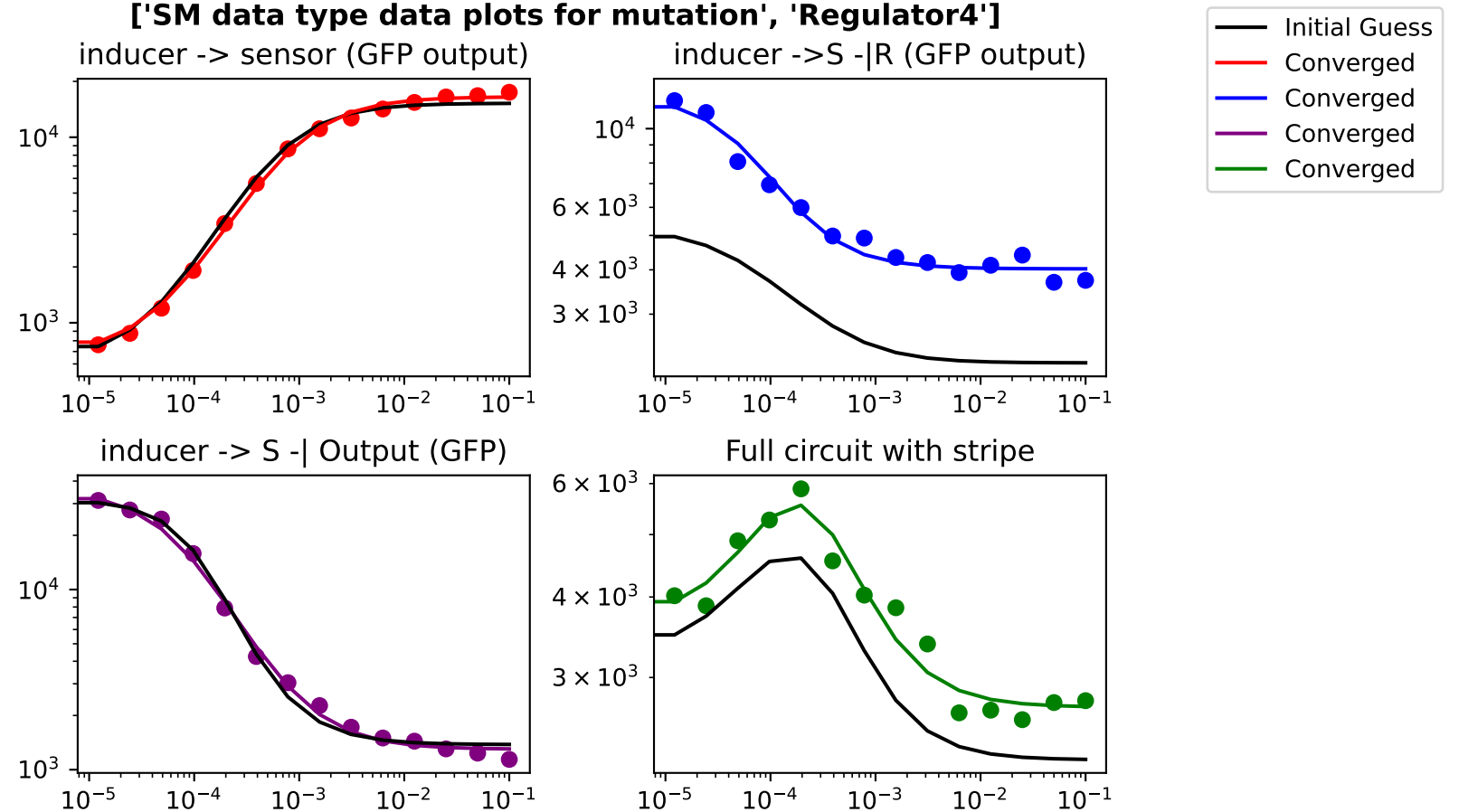

Across all four plots:

RSS (converged)=0.047

RSS (initial)=1.441

RSS (% reduction)=0.969

	epsilon	Initial_guesses	Converged
A_s	51.302058	608.397103	659.699161
B_s	1273.773301	15250.457700	16524.231001
C_s	-472.450442	1668.059050	1195.608608
N_s	-0.057658	1.198934	1.141276
A_r	3044.042291	687.964693	3732.006984
B_r	-5576.758961	23497.611400	17920.852439
C_r	-0.060799	0.062367	0.001569
N_r	0.867137	0.391731	1.258867
A_h	-572.163349	590.606548	18.443199
B_h	48803.339441	35287.125700	84090.465141
C_h	0.001381	0.000530	0.001911
A_o	40.267327	0.829830	41.097157
B_o	-2.257714	4.288170	2.030457
C_o	-1.989616	3.133222	1.143605
N_o	-0.601260	1.809018	1.207758

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.046741443416243034
      x: [ 6.597e+02  1.652e+04 ...  1.144e+00  1.208e+00]
    nit: 14531
   nfev: 19207
final_simplex: (array([[ 6.597e+02,  1.652e+04, ...,  1.144e+00,
                         1.208e+00],
                       [ 6.597e+02,  1.652e+04, ...,  1.144e+00,
                         1.208e+00],
                       ...,
                       [ 6.597e+02,  1.652e+04, ...,  1.144e+00,
                         1.208e+00],
                       [ 6.597e+02,  1.652e+04, ...,  1.144e+00,
                         1.208e+00]]), array([ 4.674e-02,  4.674e-02, ...,  4.674e-02,  4.674e-02]))
```