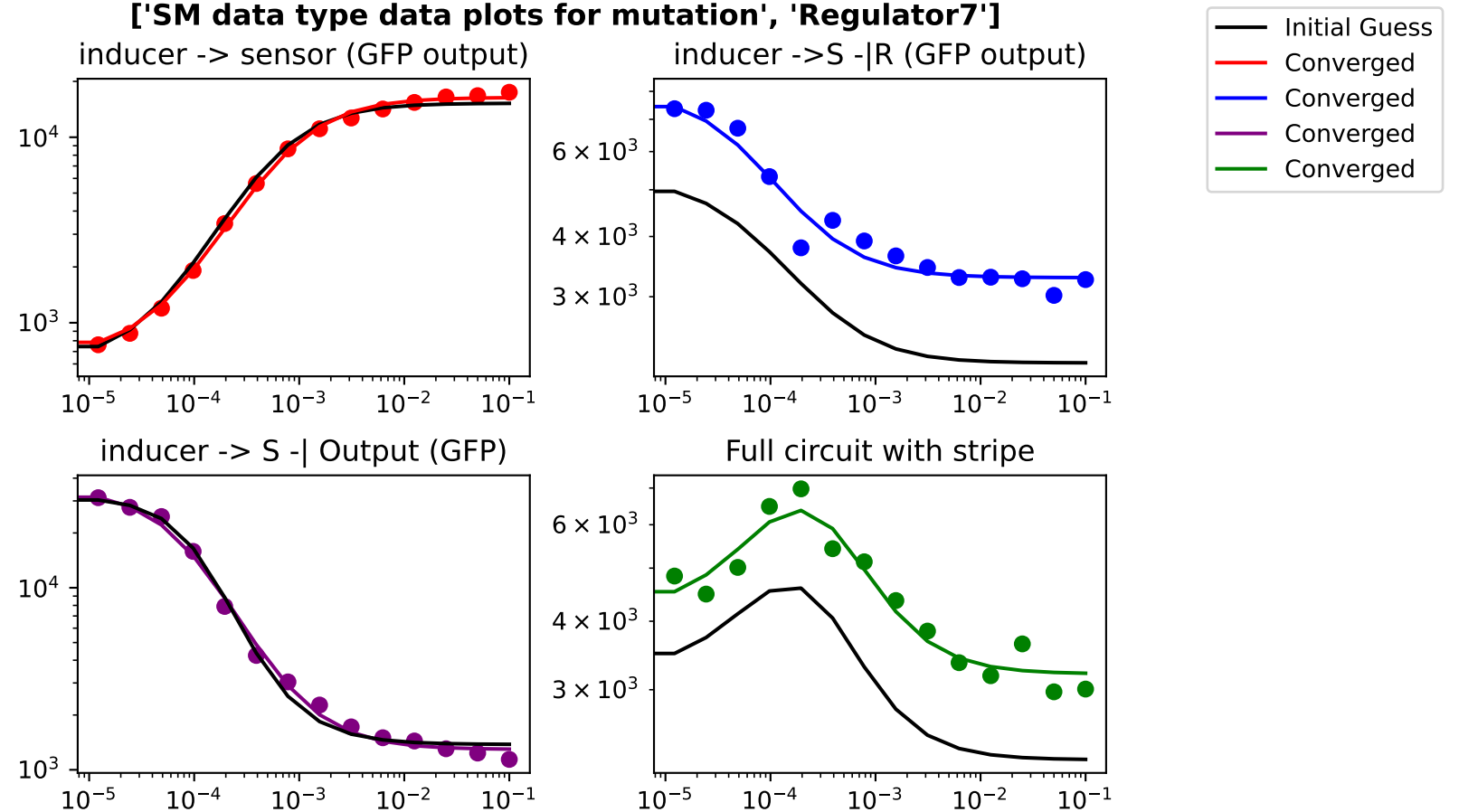

Across all four plots:

RSS (converged)=0.051

RSS (initial)=0.84

RSS (% reduction)=0.943

	epsilon	Initial_guesses	Converged
A_s	53.382796	608.397103	661.779899
B_s	1140.826235	15250.457700	16391.283935
C_s	-423.485941	1668.059050	1244.573109
N_s	-0.040907	1.198934	1.158027
A_r	2112.346119	687.964693	2800.310812
B_r	-818.155104	23497.611400	22679.456296
C_r	-0.055551	0.062367	0.006816
N_r	0.418752	0.391731	0.810483
A_h	-561.873562	590.606548	28.732986
B_h	30209.232851	35287.125700	65496.358551
C_h	0.000831	0.000530	0.001361
A_o	0.412824	0.829830	1.242654
B_o	-0.240121	4.288170	4.048049
C_o	-0.790459	3.133222	2.342763
N_o	-0.544139	1.809018	1.264879

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.05056482176175281
      x: [ 6.618e+02  1.639e+04 ...  2.343e+00  1.265e+00]
    nit: 12777
   nfev: 16947
final_simplex: (array([[ 6.618e+02,  1.639e+04, ...,  2.343e+00,
                         1.265e+00],
                       [ 6.618e+02,  1.639e+04, ...,  2.343e+00,
                         1.265e+00],
                       ...,
                       [ 6.618e+02,  1.639e+04, ...,  2.343e+00,
                         1.265e+00],
                       [ 6.618e+02,  1.639e+04, ...,  2.343e+00,
                         1.265e+00]]), array([ 5.056e-02,  5.056e-02, ...,  5.056e-02,  5.056e-02]))
```