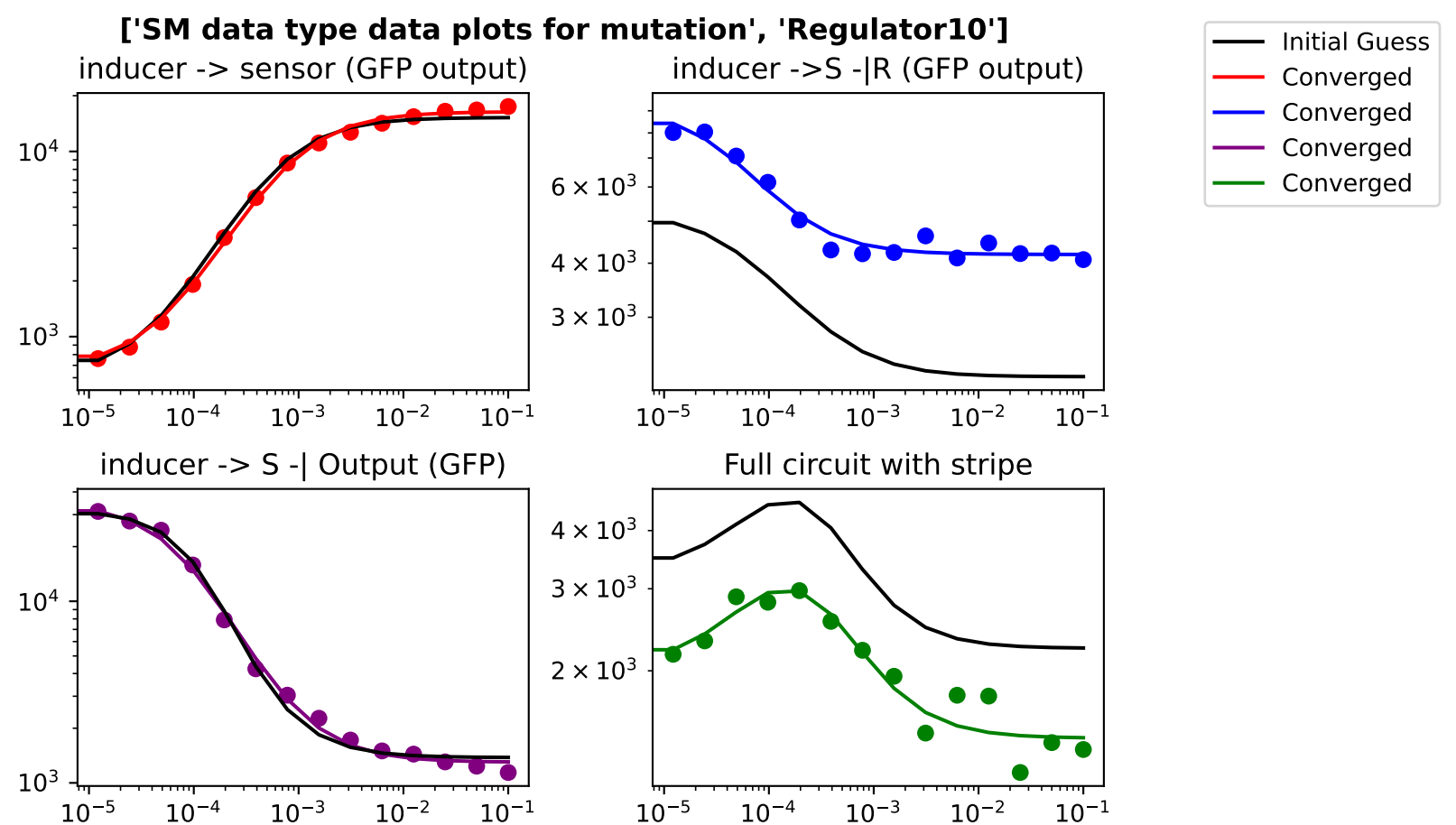

Across all four plots:

RSS (converged)=0.052

RSS (initial)=1.554

RSS (% reduction)=0.968

	epsilon	Initial_guesses	Converged
A_s	52.804356	608.397103	661.201459
B_s	1135.714862	15250.457700	16386.172562
C_s	-421.456967	1668.059050	1246.602083
N_s	-0.040809	1.198934	1.158125
A_r	3230.998344	687.964693	3918.963037
B_r	202234.738694	23497.611400	225732.350094
C_r	0.021623	0.062367	0.083990
N_r	0.538667	0.391731	0.930398
A_h	-549.205902	590.606548	41.400646
B_h	31261.977873	35287.125700	66549.103573
C_h	0.000865	0.000530	0.001395
A_o	2.992352	0.829830	3.822181
B_o	-2.645459	4.288170	1.642711
C_o	-1.275151	3.133222	1.858071
N_o	-0.546888	1.809018	1.262131

```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.052151872722334236
      x: [ 6.612e+02  1.639e+04 ...  1.858e+00  1.262e+00]
    nit: 16002
   nfev: 21105
final_simplex: (array([[ 6.612e+02,  1.639e+04, ...,  1.858e+00,
                         1.262e+00],
                       [ 6.612e+02,  1.639e+04, ...,  1.858e+00,
                         1.262e+00],
                       ...,
                       [ 6.612e+02,  1.639e+04, ...,  1.858e+00,
                         1.262e+00],
                       [ 6.612e+02,  1.639e+04, ...,  1.858e+00,
                         1.262e+00]]), array([ 5.215e-02,  5.215e-02, ...,  5.215e-02,  5.215e-02]))
```