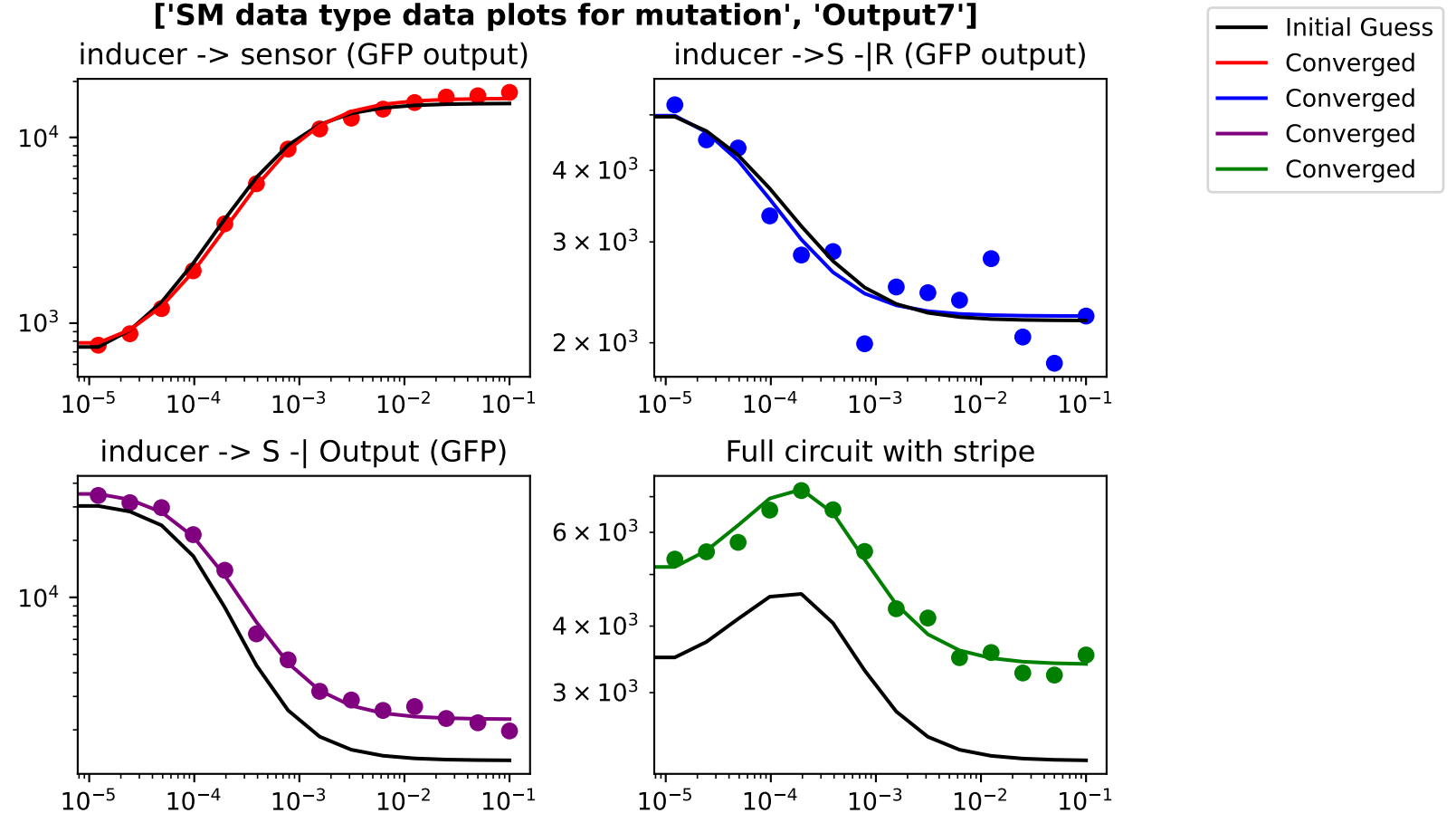


Across all four plots:

RSS (converged)=0.058

RSS (initial)=1.118

RSS (% reduction)=0.951

| | epsilon | Initial_guesses | Converged |
|---|---|---|---|
| A_s | 66.448690 | 608.397103 | 674.845793 |
| B_s | 980.957605 | 15250.457700 | 16231.415305 |
| C_s | -359.681756 | 1668.059050 | 1308.377294 |
| N_s | -0.000619 | 1.198934 | 1.198315 |
| A_r | 1200.682314 | 687.964693 | 1888.647007 |
| B_r | -58.329368 | 23497.611400 | 23439.282032 |
| C_r | -0.047757 | 0.062367 | 0.014610 |
| N_r | 0.380769 | 0.391731 | 0.772500 |
| A_h | 10.219415 | 590.606548 | 600.825963 |
| B_h | 13089.987288 | 35287.125700 | 48377.112988 |
| C_h | 0.000135 | 0.000530 | 0.000665 |
| A_o | -0.390863 | 0.829830 | 0.438967 |
| B_o | -1.213258 | 4.288170 | 3.074913 |
| C_o | 0.082435 | 3.133222 | 3.215657 |
| N_o | -0.409363 | 1.809018 | 1.399655 |

```
     message: Optimization terminated successfully.
     success: True
      status: 0
         fun: 0.0582109931631608
           x: [ 6.748e+02  1.623e+04 ...  3.216e+00  1.400e+00]
         nit: 9468
        nfev: 12477
final_simplex: (array([[ 6.748e+02,  1.623e+04, ...,  3.216e+00,
                         1.400e+00],
                       [ 6.748e+02,  1.623e+04, ...,  3.216e+00,
                         1.400e+00],
                       ...,
                       [ 6.748e+02,  1.623e+04, ...,  3.216e+00,
                         1.400e+00],
                       [ 6.748e+02,  1.623e+04, ...,  3.216e+00,
                         1.400e+00]]), array([ 5.821e-02,  5.821e-02, ...,  5.821e-02,  5.821e-02]))
```