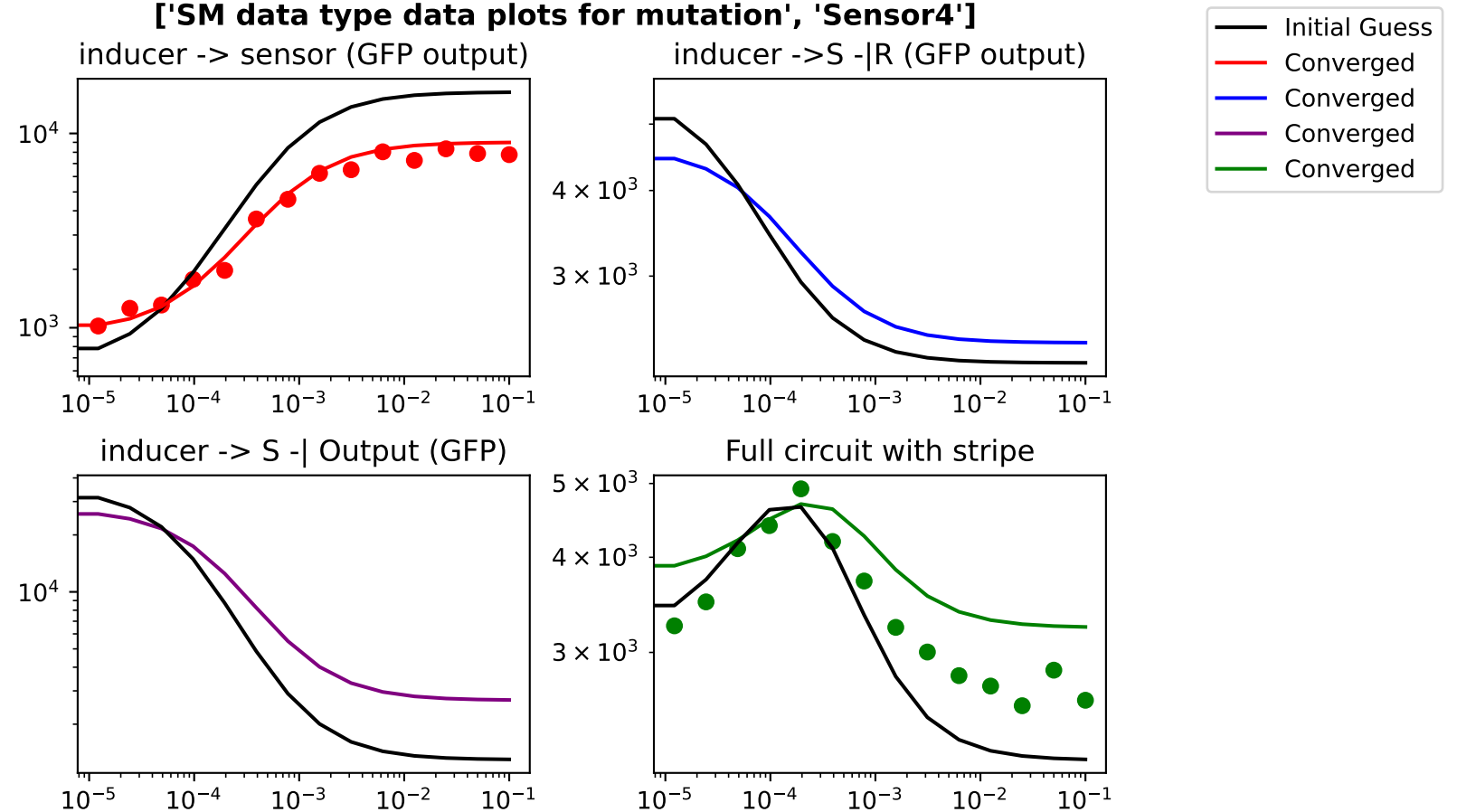


Across all four plots:

RSS (converged)=0.105

RSS (initial)=0.918

RSS (% reduction)=0.898

| | epsilon | Initial_guesses | Converged |
|---|---|---|---|
| A_s | 300.961001 | 6.599635e+02 | 9.609245e+02 |
| B_s | -7328.429318 | 1.634714e+04 | 9.018710e+03 |
| C_s | -32.688309 | 1.259256e+03 | 1.226568e+03 |
| N_s | -0.032794 | 1.160440e+00 | 1.127646e+00 |
| A_r | 0.000000 | 1.998310e+03 | 1.998310e+03 |
| B_r | 0.000000 | 2.040009e+11 | 2.040009e+11 |
| C_r | 0.000000 | 2.771808e+06 | 2.771808e+06 |
| N_r | 0.000000 | 8.375226e-01 | 8.375226e-01 |
| A_h | 0.000000 | 5.477878e-06 | 5.477878e-06 |
| B_h | 0.000000 | 6.710814e+04 | 6.710814e+04 |
| C_h | 0.000000 | 1.412943e-03 | 1.412943e-03 |
| A_o | 0.000000 | 5.414338e+07 | 5.414338e+07 |
| B_o | 0.000000 | 2.126439e+00 | 2.126439e+00 |
| C_o | 0.000000 | 2.720605e+00 | 2.720605e+00 |
| N_o | 0.000000 | 1.250443e+00 | 1.250443e+00 |


```
message: Optimization terminated successfully.
success: True
 status: 0
    fun: 0.1048587857539783
      x: [ 9.609e+02  9.019e+03 ...  2.721e+00  1.250e+00]
    nit: 667
   nfev: 1098
final_simplex: (array([[ 9.609e+02,  9.019e+03, ...,  2.721e+00,
                         1.250e+00],
                       [ 9.609e+02,  9.019e+03, ...,  2.721e+00,
                         1.250e+00],
                       ...,
                       [ 9.609e+02,  9.019e+03, ...,  2.721e+00,
                         1.250e+00],
                       [ 9.609e+02,  9.019e+03, ...,  2.721e+00,
                         1.250e+00]]), array([ 1.049e-01,  1.049e-01, ...,  1.049e-01,  1.049e-01]))
```