Results for Cell Type #1

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.1268, beta1 = 10, alpha1 = 1.6986, alpha2 = 2.6219, beta2 = -0.71244

R values at each time stamp
   0.7710
   0.7870
   0.6358

Square error
   37.2388

Results for Cell Type #2

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 2.4464, beta1 = 6.1261, alpha1 = 0.98933, alpha2 = 1.0964, beta2 = -1.3527

R values at each time stamp
   0.7285
   0.7373
   0.5736

Square error
   41.7869

Results for Cell Type #3

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.42558, beta1 = 5.8617, alpha1 = 3.1261, alpha2 = −4.102, beta2 = 5

R values at each time stamp
    0.7371
    0.7482
    0.5807

Square error
  41.1567

 Results for Cell Type #4

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.54941, beta1 = 10, alpha1 = 1.1607, alpha2 = 2.3051, beta2 = −0.47009

R values at each time stamp
    0.7733
    0.7680
    0.5934

Square error
  39.8873

 Results for Cell Type #5

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.034403, beta1 = 10, alpha1 = 3.0527, alpha2 = 3.9879, beta2 = −0.58399

R values at each time stamp
    0.7268
    0.7306

   0.5978

Square error
  40.6809

 Results for Cell Type #6

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 1.6474, beta1 = 4.8121, alpha1 = 1.9869, alpha2 = -3.1562, beta2 = 5

R values at each time stamp
   0.7864
   0.7710
   0.6046

Square error
  39.1769

 Results for Cell Type #7

Local minimum found that satisfies the constraints.

Optimization completed because the objective function is non-decreasing in
feasible directions, to within the default value of the optimality tolerance,
and constraints are satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 2.0328, beta1 = 4.9696, alpha1 = 1.3459, alpha2 = -2.7851, beta2 = 5

R values at each time stamp
   0.7375
   0.7385
   0.5778

Square error
  41.3778

 Results for Cell Type #8

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.68734, beta1 = 9.9999, alpha1 = 1.3405, alpha2 = 2.5914, beta2 = -1.4404

R values at each time stamp
   0.7519
   0.7449
   0.5790

Square error
   41.2155

 Results for Cell Type #9

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.19087, beta1 = 2.7183, alpha1 = 2.0376, alpha2 = 3.3914, beta2 = 5

R values at each time stamp
   0.7552
   0.8208
   0.7583

Square error
   29.1239

 Results for Cell Type #10

Local minimum found that satisfies the constraints.

Optimization completed because the objective function is non-decreasing in
feasible directions, to within the default value of the optimality tolerance,
and constraints are satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 1.5583, beta1 = 4.756, alpha1 = 1.2902, alpha2 = 1.816, beta2 = 4.6655

R values at each time stamp
   0.7458
   0.7492
   0.5897

Square error
  40.4739

 Results for Cell Type #11

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.53814, beta1 = 7.309, alpha1 = 2.3528, alpha2 = 3.7071, beta2 = -1.0055

R values at each time stamp
   0.7104
   0.7369
   0.6416

Square error
  37.8558

 Results for Cell Type #12

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 1.7046, beta1 = 4.5361, alpha1 = 1.0304, alpha2 = 1.2065, beta2 = 5

R values at each time stamp
   0.7448
   0.7566
   0.6115

Square error
  39.1017

 Results for Cell Type #13

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

_____
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.86555, beta1 = 10, alpha1 = 1.0204, alpha2 = 1.5598, beta2 = −0.34832

R values at each time stamp
   0.7460
   0.7412
   0.5800

Square error
  41.2645

 Results for Cell Type #14

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

_____
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.18413, beta1 = 4.5985, alpha1 = 2.6798, alpha2 = 3.8081, beta2 = 5

R values at each time stamp
   0.7736
   0.7822
   0.6278

Square error
  37.7423

 Results for Cell Type #15

Local minimum found that satisfies the constraints.

Optimization completed because the objective function is non−decreasing in
feasible directions, to within the default value of the optimality tolerance,

and constraints are satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 1.2301, beta1 = 4.5867, alpha1 = 1.4115, alpha2 = 2.5493, beta2 = 5

R values at each time stamp
   0.7213
   0.7372
   0.5939

Square error
   40.5231

 Results for Cell Type #16

Local minimum found that satisfies the constraints.

Optimization completed because the objective function is non-decreasing in
feasible directions, to within the default value of the optimality tolerance,
and constraints are satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 2.691, beta1 = 2.9242, alpha1 = 1.0282, alpha2 = 0.069936, beta2 = 5

R values at each time stamp
   0.7367
   0.7499
   0.6007

Square error
   40.0709

 Results for Cell Type #17

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.7997, beta1 = 9.2979, alpha1 = 1.2974, alpha2 = 2.3422, beta2 = -1.0127

R values at each time stamp
   0.7669
   0.7588
   0.5860

Square error
   40.4501

 Results for Cell Type #18

Local minimum found that satisfies the constraints.

Optimization completed because the objective function is non-decreasing in
feasible directions, to within the default value of the optimality tolerance,
and constraints are satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 3.1657, beta1 = 8.216, alpha1 = 1.4633, alpha2 = -2.216, beta2 = -1.5927

R values at each time stamp
   0.7375
   0.7541
   0.6280

Square error
   38.3698

 Results for Cell Type #19

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 2.2044, beta1 = 6.226, alpha1 = 1.2086, alpha2 = -1.0362, beta2 = -1.058

R values at each time stamp
   0.7426
   0.7444
   0.5797

Square error
   41.4903

Results for Cell Type #20

Local minimum found that satisfies the constraints.

Optimization completed because the objective function is non-decreasing in
feasible directions, to within the default value of the optimality tolerance,
and constraints are satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.68796, beta1 = 6.3646, alpha1 = 2.4863, alpha2 = -3.7129, beta2 = -4.4936

R values at each time stamp
   0.7328
   0.7324
   0.5853

Square error
   41.4798

Results for Cell Type #21

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.56753, beta1 = 3.7691, alpha1 = 1.7958, alpha2 = 3.1162, beta2 = 5

R values at each time stamp
   0.7612
   0.7730
   0.6432

Square error
   37.0363

Results for Cell Type #22

Local minimum found that satisfies the constraints.

Optimization completed because the objective function is non-decreasing in
feasible directions, to within the default value of the optimality tolerance,
and constraints are satisfied to within the default value of the constraint tolerance.

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.1594, beta1 = 9.9995, alpha1 = 1.9595, alpha2 = 3.3588, beta2 = −1.6191

R values at each time stamp
   0.7594
   0.7567
   0.5862

Square error
  40.7762

 Results for Cell Type #23

Local minimum possible. Constraints satisfied.

fmincon stopped because the size of the current step is less than
the default value of the step size tolerance and constraints are
satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.041585, beta1 = 9.9954, alpha1 = 2.4791, alpha2 = 3.4872, beta2 = −1.1239

R values at each time stamp
   0.7607
   0.7672
   0.6002

Square error
  39.5167

 Results for Cell Type #24

Local minimum found that satisfies the constraints.

Optimization completed because the objective function is non−decreasing in
feasible directions, to within the default value of the optimality tolerance,
and constraints are satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 4.7903, beta1 = 9.9384, alpha1 = 3.9156, alpha2 = −3.8301, beta2 = −2.0373

R values at each time stamp
   0.6683
   0.7520

0.6864

Square error
   35.3069

 Results for Cell Type #25

Local minimum found that satisfies the constraints.

Optimization completed because the objective function is non-decreasing in
feasible directions, to within the default value of the optimality tolerance,
and constraints are satisfied to within the default value of the constraint tolerance.

<stopping criteria details>

----
eNDM minimizing quadratic error at all time stamps with fmincon

x0 value = 0.90067, beta1 = 7.7168, alpha1 = 1.7434, alpha2 = 3.2106, beta2 = -5

R values at each time stamp
   0.7369
   0.7435
   0.5791

Square error
   41.4218

>>