>> main\_opt\_v20

---------- START RUNNING: 10-Jun-2023 15:46:33 ----------

---------- INPUT USERS SETTING FOR OPTIMIZATION ----------

---------- PREPROCESS ----------

---------- START OPTIMIZATION ----------

\*\* START: Find x0 with bestfval < 0.05

\* Find x0: 1 times

Best Mean Stall

Iteration f-count f(x) f(x) Iterations

0 10 0.1046 0.6214 0

1 20 0.0968 0.6399 0

2 30 0.04939 0.5189 0

Optimization stopped by a plot function or output function.'

\* Find x0: 649.9123

\* exitflag: -1

\*\* END: Find x0 with bestfval < 0.05

\*\*\* Find x0: 23.1 seconds

\*\* START: Find x with bestfval < 0.0001

\* Find x: 1 times

Max

Iter Func-count f(x) Constraint MeshSize Method

0 1 0.0595488 0.05322 1

1 50 4.30604e-05 0 0.009772 Update multipliers

Stop requested.

\* Find x: 624.3022

\* exitflag: -1

\*\* END: Find x

\*\*\* Find x: 76.3 seconds

OPT parameter: 624.3022

---------- SHOW OPTIMAL RESULTS ----------

Target muscle parameter:

624.3000

Optimal muscle parameter:

624.3022

Motion 1 joint angle prediction error: 1e-05

Motion 1 joint speed prediction error: 4.4e-05

Motion 2 joint angle prediction error: 8e-06

Motion 2 joint speed prediction error: 4.2e-05

---------- VALIDATE OPTIMAL RESULTS ----------

Validate motion joint angle prediction error: 0

Validate motion joint speed prediction error: 0.0002

---------- END RUNNING: 10-Jun-2023 15:48:19 ----------