

```
>> LS_Regression
2 inp 1 out
Goodness of fit for LSTM Regression: 37.292805%,
fit_lstm21 =

    single

    37.2928

RMSE_lstm21 =

    single

    6.1396

2 inp 2 out
IdleTimeout has been reached.
Parallel pool using the 'local' profile is shutting down.
183      dG(fInd, :) = iForgetGateDerivative(dC, c0, G(fInd, :, 1));
Goodness of fit for LSTM Regression: 39.516674%, 54.801983%
RMSE for LSTM Regression: 1.115543, 8.000535

fit_lstm22 =

    1x2 single row vector

    39.5167    54.8020

RMSE_lstm22 =

    1x2 single row vector

    1.1155    8.0005

10 inp 1 out
Goodness of fit for LSTM Regression: 87.322304%, 10 inp 2 out
Goodness of fit for LSTM Regression: 41.079163%, 92.778450%
RMSE for LSTM Regression: 0.812260, 1.359827

fit_lstm102 =

    1x2 single row vector

    41.0792    92.7785

RMSE_lstm102 =

    1x2 single row vector

    0.8123    1.3598

12 inp 1 out
```

```
Goodness of fit for LSTM Regression: 92.705772%,  
fit_lstm121 =
```

```
single
```

```
92.7058
```

```
RMSE_lstm121 =
```

```
single
```

```
2.4351
```

```
12 inp 2 out
```

```
Goodness of fit for LSTM Regression: 40.531704%, 92.627480%
```

```
RMSE for LSTM Regression: 0.830489, 1.668410
```

```
fit_lstm122 =
```

```
1×2 single row vector
```

```
40.5317    92.6275
```

```
RMSE_lstm122 =
```

```
1×2 single row vector
```

```
0.8305    1.6684
```

```
>>
```