1. Adding x7, FStat = 52.8643, pValue = 4.65713e-12
2. Adding x9, FStat = 12.2595, pValue = 0.000549172

ans =

Linear regression model:
y ~ 1 + x7 + x9

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.07989	0.021017	-3.8011	0.0001815
x7	0.42798	0.072422	5.9096	1.1323e-08
x9	0.2798	0.079911	3.5014	0.00054917

Number of observations: 250, Error degrees of freedom: 247
Root Mean Squared Error: 0.205
R-squared: 0.215, Adjusted R-Squared 0.208
F-statistic vs. constant model: 33.8, p-value = 1.09e-13
1. Adding x9, FStat = 194.2731, pValue = 5.33475e-33
2. Adding x7, FStat = 59.7007, pValue = 2.7694e-13
3. Adding x14, FStat = 24.0339, pValue = 1.71993e-06
4. Adding x1, FStat = 8.2303, pValue = 0.0044791
5. Adding x1:x7, FStat = 19.8006, pValue = 1.30753e-05
6. Adding x7:x14, FStat = 19.0514, pValue = 1.88315e-05
7. Adding x1:x14, FStat = 13.2175, pValue = 0.000338786

ans =

Linear regression model:
y ~ 1 + x9 + x1*x7 + x1*x14 + x7*x14

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.050939	0.098373	0.51782	0.60506
x1	-0.16269	0.1983	-0.82043	0.41278
x7	0.77335	0.272	2.8432	0.0048484
x9	0.87475	0.081238	10.768	2.4009e-22
x14	-0.84995	0.27356	-3.107	0.0021154
x1:x7	-2.959	0.42476	-6.9663	3.0577e-11
x1:x14	1.5806	0.43476	3.6356	0.00033879
x7:x14	2.3483	0.51269	4.5804	7.432e-06

Number of observations: 250, Error degrees of freedom: 242
Root Mean Squared Error: 0.178
R-squared: 0.676, Adjusted R-Squared 0.667
F-statistic vs. constant model: 72.2, p-value = 1.02e-55
1. Adding x9, FStat = 194.3202, pValue = 5.264423e-33
2. Adding x7, FStat = 58.8765, pValue = 3.88188e-13
3. Adding x14, FStat = 28.4994, pValue = 2.12968e-07

4. Adding x12, FStat = 6.8697, pValue = 0.0093154
5. Adding x7:x12, FStat = 22.879, pValue = 2.9874e-06
6. Adding x12:x14, FStat = 22.8699, pValue = 3.00682e-06
7. Adding x7:x14, FStat = 16.121, pValue = 7.93059e-05
8. Adding x7:x9, FStat = 7.3282, pValue = 0.0072738

ans =

Linear regression model:
y ~ 1 + x7*x9 + x7*x12 + x7*x14 + x12*x14

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.10788	0.12409	-0.86933	0.38553
x7	2.2309	0.41685	5.3519	2.0253e-07
x9	1.1835	0.16327	7.2488	5.6815e-12
x12	0.16636	0.21507	0.77348	0.43999
x14	-1.4366	0.32165	-4.4663	1.2238e-05
x7:x9	-1.5451	0.57076	-2.7071	0.0072738
x7:x12	-4.9836	0.69401	-7.1809	8.5652e-12
x7:x14	3.1454	0.64835	4.8515	2.2011e-06
x12:x14	2.1373	0.37588	5.6861	3.7458e-08

Number of observations: 250, Error degrees of freedom: 241
Root Mean Squared Error: 0.197
R-squared: 0.7, Adjusted R-Squared 0.69
F-statistic vs. constant model: 70.3, p-value = 1.08e-58
1. Adding x9, FStat = 195.0446, pValue = 4.293155e-33
2. Adding x7, FStat = 58.1532, pValue = 5.22543e-13
3. Adding x14, FStat = 24.2021, pValue = 1.5885e-06
4. Adding x11, FStat = 8.4393, pValue = 0.0040077

ans =

Linear regression model:
y ~ 1 + x7 + x9 + x11 + x14

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.21006	0.04431	-4.7406	3.6161e-06
x7	0.53695	0.087747	6.1192	3.7006e-09
x9	1.0371	0.097817	10.603	7.2822e-22
x11	-1.7707	0.60952	-2.905	0.0040077
x14	0.50296	0.1011	4.9746	1.2313e-06

Number of observations: 250, Error degrees of freedom: 245
Root Mean Squared Error: 0.238
R-squared: 0.601, Adjusted R-Squared 0.595
F-statistic vs. constant model: 92.3, p-value = 9.15e-48

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