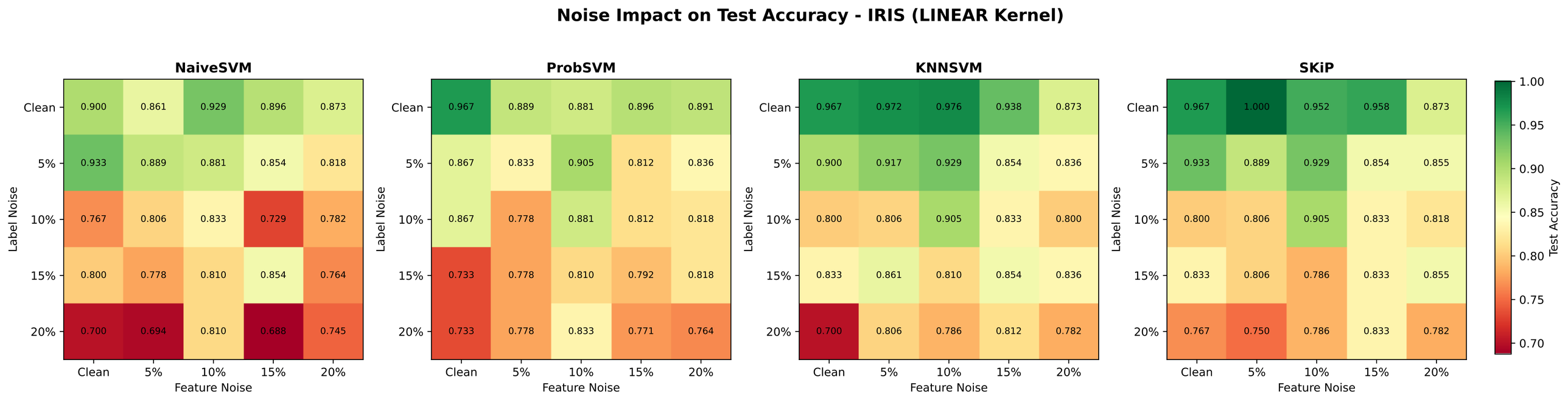
Noise Impact on Test Accuracy - IRIS (LINEAR Kernel)
NaiveSVM
0.900 0.861 0.929 0.896 0.873
0.933 0.889 0.881 0.854 0.818
0.767 0.806 0.833 0.729 0.782
0.800 0.778 0.810 0.854 0.764
0.700 0.694 0.810 0.688 0.745
ProbSVM
0.967 0.889 0.881 0.896 0.891
0.867 0.833 0.905 0.812 0.836
0.867 0.778 0.881 0.812 0.818
0.733 0.778 0.810 0.792 0.818
0.733 0.778 0.833 0.771 0.764
KNNSVM
0.967 0.972 0.976 0.938 0.873
0.900 0.917 0.929 0.854 0.836
0.800 0.806 0.905 0.833 0.800
0.833 0.861 0.810 0.854 0.836
0.700 0.806 0.786 0.812 0.782
SKiP
0.967 1.000 0.952 0.958 0.873
0.933 0.889 0.929 0.854 0.855
0.800 0.806 0.905 0.833 0.818
0.833 0.806 0.786 0.833 0.855
0.767 0.750 0.786 0.833 0.782
Label Noise
Clean
5%
10%
15%
20%
Feature Noise
Clean
5%
10%
15%
20%
Test Accuracy
1.00
0.95
0.90
0.85
0.80
0.75
0.70