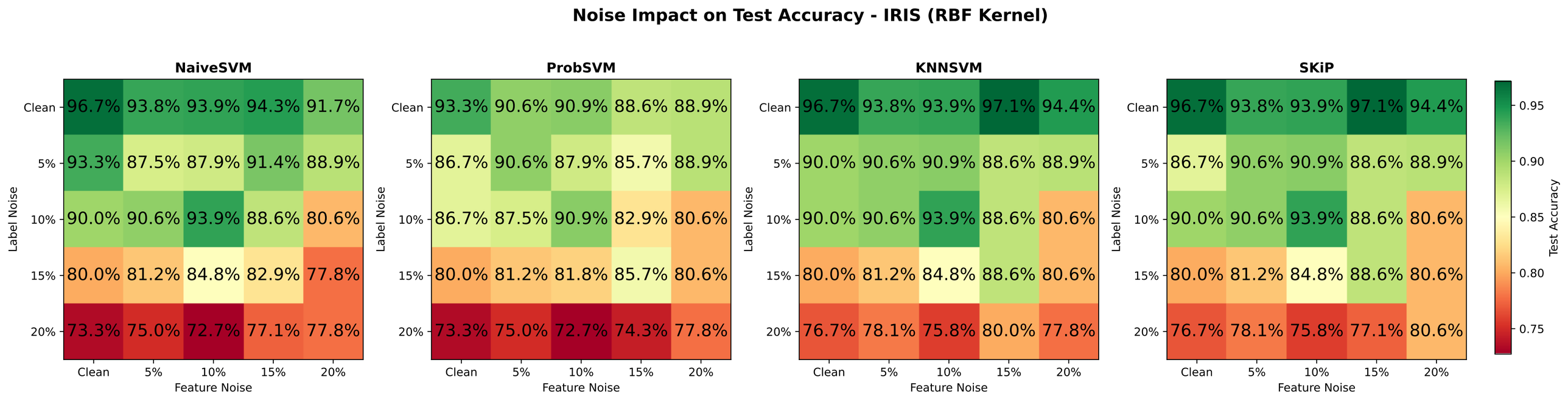
Noise Impact on Test Accuracy - IRIS (RBF Kernel)
NaiveSVM
ProbSVM
KNNSVM
SKiP
Label Noise
Feature Noise
Clean
5%
10%
15%
20%
96.7% 93.8% 93.9% 94.3% 91.7%
93.3% 87.5% 87.9% 91.4% 88.9%
90.0% 90.6% 93.9% 88.6% 80.6%
80.0% 81.2% 84.8% 82.9% 77.8%
73.3% 75.0% 72.7% 77.1% 77.8%
93.3% 90.6% 90.9% 88.6% 88.9%
86.7% 90.6% 87.9% 85.7% 88.9%
86.7% 87.5% 90.9% 82.9% 80.6%
80.0% 81.2% 81.8% 85.7% 80.6%
73.3% 75.0% 72.7% 74.3% 77.8%
96.7% 93.8% 93.9% 97.1% 94.4%
90.0% 90.6% 90.9% 88.6% 88.9%
90.0% 90.6% 93.9% 88.6% 80.6%
80.0% 81.2% 84.8% 88.6% 80.6%
76.7% 78.1% 75.8% 80.0% 77.8%
96.7% 93.8% 93.9% 97.1% 94.4%
86.7% 90.6% 90.9% 88.6% 88.9%
90.0% 90.6% 93.9% 88.6% 80.6%
80.0% 81.2% 84.8% 88.6% 80.6%
76.7% 78.1% 75.8% 77.1% 80.6%
Test Accuracy
0.95
0.90
0.85
0.80
0.75