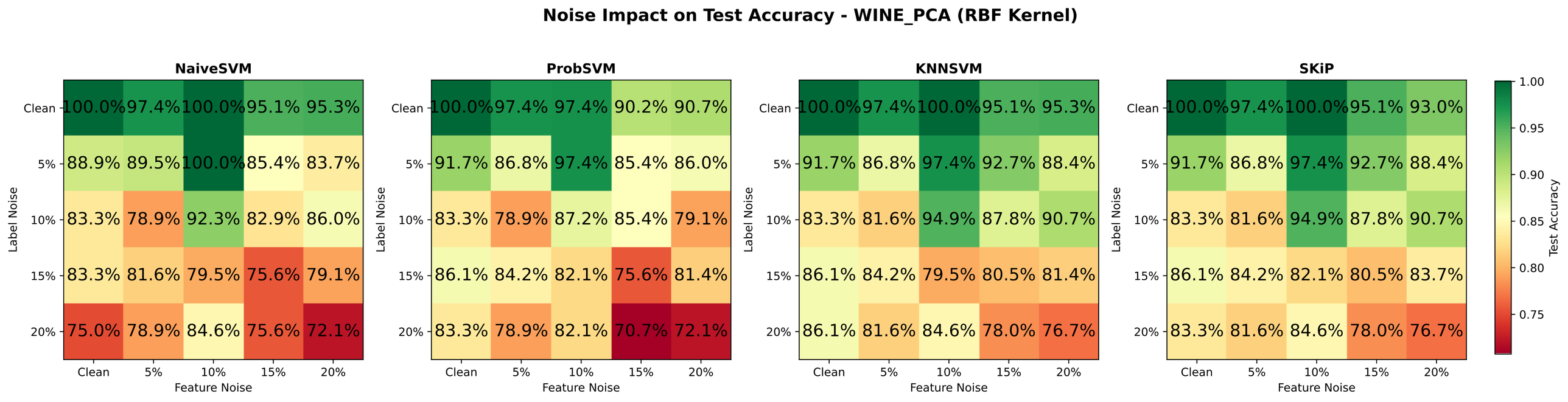
Noise Impact on Test Accuracy - WINE_PCA (RBF Kernel)
NaiveSVM
ProbSVM
KNNSVM
SKiP
Label Noise
Feature Noise
Clean
5%
10%
15%
20%
100.0% 97.4% 100.0% 95.1% 95.3%
88.9% 89.5% 100.0% 85.4% 83.7%
83.3% 78.9% 92.3% 82.9% 86.0%
83.3% 81.6% 79.5% 75.6% 79.1%
75.0% 78.9% 84.6% 75.6% 72.1%
100.0% 97.4% 97.4% 90.2% 90.7%
91.7% 86.8% 97.4% 85.4% 86.0%
83.3% 78.9% 87.2% 85.4% 79.1%
86.1% 84.2% 82.1% 75.6% 81.4%
83.3% 78.9% 82.1% 70.7% 72.1%
100.0% 97.4% 100.0% 95.1% 95.3%
91.7% 86.8% 97.4% 92.7% 88.4%
83.3% 81.6% 94.9% 87.8% 90.7%
86.1% 84.2% 79.5% 80.5% 81.4%
86.1% 81.6% 84.6% 78.0% 76.7%
100.0% 97.4% 100.0% 95.1% 93.0%
91.7% 86.8% 97.4% 92.7% 88.4%
83.3% 81.6% 94.9% 87.8% 90.7%
86.1% 84.2% 82.1% 80.5% 83.7%
83.3% 81.6% 84.6% 78.0% 76.7%
Test Accuracy
1.00
0.95
0.90
0.85
0.80
0.75