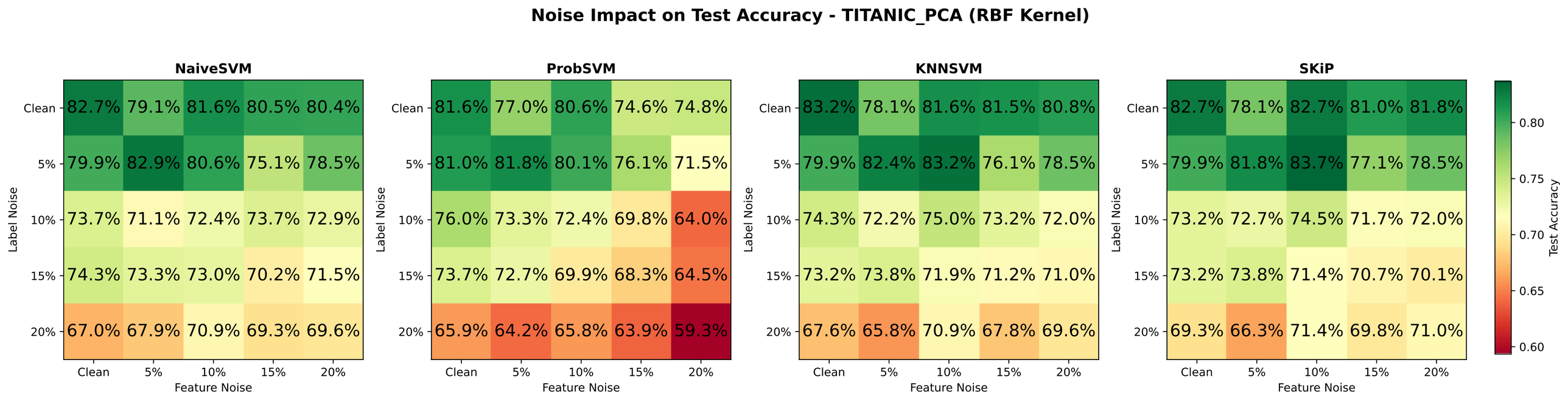
Noise Impact on Test Accuracy - TITANIC_PCA (RBF Kernel)
NaiveSVM
ProbSVM
KNNSVM
SKiP
Label Noise
Feature Noise
Clean
5%
10%
15%
20%
82.7% 79.1% 81.6% 80.5% 80.4%
79.9% 82.9% 80.6% 75.1% 78.5%
73.7% 71.1% 72.4% 73.7% 72.9%
74.3% 73.3% 73.0% 70.2% 71.5%
67.0% 67.9% 70.9% 69.3% 69.6%
81.6% 77.0% 80.6% 74.6% 74.8%
81.0% 81.8% 80.1% 76.1% 71.5%
76.0% 73.3% 72.4% 69.8% 64.0%
73.7% 72.7% 69.9% 68.3% 64.5%
65.9% 64.2% 65.8% 63.9% 59.3%
83.2% 78.1% 81.6% 81.5% 80.8%
79.9% 82.4% 83.2% 76.1% 78.5%
74.3% 72.2% 75.0% 73.2% 72.0%
73.2% 73.8% 71.9% 71.2% 71.0%
67.6% 65.8% 70.9% 67.8% 69.6%
82.7% 78.1% 82.7% 81.0% 81.8%
79.9% 81.8% 83.7% 77.1% 78.5%
73.2% 72.7% 74.5% 71.7% 72.0%
73.2% 73.8% 71.4% 70.7% 70.1%
69.3% 66.3% 71.4% 69.8% 71.0%
Test Accuracy
0.80
0.75
0.70
0.65
0.60