

### Results of Feature Selection (backward approach):

Dataset	Features Selected	Accuracy
k=19	{1,2,4,5,6,7}	91.6
k=20	{1,2,4,5,6,7}	92.2
k=21	{1,2,4,5,6,7}	91.7
k=22	{1,2,4,5,6,7}	92.4
k=23	{1,2,4,5,6,7}	91.2

### Results of Feature Selection (forward approach):

Dataset	Features Selected	Accuracy
k=19	{1}	92.2
k=20	{1}	91.6
k=21	{1}	90.4
k=22	{1}	92.2
k=23	{1}	90.6

***Across datasets, number of needles also matters.***