**Heart Attack**

**The ensemble vote for the test instance (k=1) is: positive**

**Accuracy of the ensemble vote (k=1): 0.6141**

**Precision of the ensemble vote (k=1): 0.3771**

**Recall of the ensemble vote (k=1): 0.6141**

**The ensemble vote for the test instance (k=3) is: positive**

**Accuracy of the ensemble vote (k=3): 0.6163**

**Precision of the ensemble vote (k=3): 0.3798**

**Recall of the ensemble vote (k=3): 0.6163**

**The ensemble vote for the test instance (k=5) is: positive**

**Accuracy of the ensemble vote (k=5): 0.6226**

**Precision of the ensemble vote (k=5): 0.3876**

**Recall of the ensemble vote (k=5): 0.6226**

**The ensemble vote for the test instance (k=7) is: positive**

**Accuracy of the ensemble vote (k=7): 0.5902**

**Precision of the ensemble vote (k=7): 0.3483**

**Recall of the ensemble vote (k=7): 0.5902**

**The ensemble vote for the test instance (k=9) is: positive**

**Accuracy of the ensemble vote (k=9): 0.6280**

**Precision of the ensemble vote (k=9): 0.3944**

**Recall of the ensemble vote (k=9): 0.6280**

**waterQuality1**

**The ensemble vote for the test instance (k=1) is: 0**

**Accuracy of the ensemble vote (k=1): 0.8856**

**Precision of the ensemble vote (k=1): 0.7843**

**Recall of the ensemble vote (k=1): 0.8856**

**The ensemble vote for the test instance (k=3) is: 0**

**Accuracy of the ensemble vote (k=3): 0.6872**

**Precision of the ensemble vote (k=3): 0.4722**

**Recall of the ensemble vote (k=3): 0.6872**

**The ensemble vote for the test instance (k=5) is: 0**

**Accuracy of the ensemble vote (k=5): 0.6540**

**Precision of the ensemble vote (k=5): 0.4277**

**Recall of the ensemble vote (k=5): 0.6540**

**The ensemble vote for the test instance (k=7) is: 0**

**Accuracy of the ensemble vote (k=7): 0.7655**

**Precision of the ensemble vote (k=7): 0.5860**

**Recall of the ensemble vote (k=7): 0.7655**

**The ensemble vote for the test instance (k=9) is: 0**

**Accuracy of the ensemble vote (k=9): 0.7639**

**Precision of the ensemble vote (k=9): 0.5836**

**Recall of the ensemble vote (k=9): 0.7639**

**Abalone.csv**

**The ensemble vote for the test instance (k=1) is: M**

**Accuracy of the ensemble vote (k=1): 0.3656**

**Precision of the ensemble vote (k=1): 0.1337**

**Recall of the ensemble vote (k=1): 0.3656**

**The ensemble vote for the test instance (k=3) is: M**

**Accuracy of the ensemble vote (k=3): 0.3955**

**Precision of the ensemble vote (k=3): 0.1564**

**Recall of the ensemble vote (k=3): 0.3955**

**The ensemble vote for the test instance (k=5) is: I**

**Accuracy of the ensemble vote (k=5): 0.4390**

**Precision of the ensemble vote (k=5): 0.1927**

**Recall of the ensemble vote (k=5): 0.4390**

**The ensemble vote for the test instance (k=7) is: I**

**Accuracy of the ensemble vote (k=7): 0.4145**

**Precision of the ensemble vote (k=7): 0.1718**

**Recall of the ensemble vote (k=7): 0.4145**

**The ensemble vote for the test instance (k=9) is: M**

**Accuracy of the ensemble vote (k=9): 0.5666**

**Precision of the ensemble vote (k=9): 0.3210**

**Recall of the ensemble vote (k=9): 0.5666**

**Transfusion**

**The ensemble vote for the test instance (k=1) is: 0**

**Accuracy of the ensemble vote (k=1): 0.7620**

**Precision of the ensemble vote (k=1): 0.5807**

**Recall of the ensemble vote (k=1): 0.7620**

**The ensemble vote for the test instance (k=3) is: 0**

**Accuracy of the ensemble vote (k=3): 0.7345**

**Precision of the ensemble vote (k=3): 0.5395**

**Recall of the ensemble vote (k=3): 0.7345**

**The ensemble vote for the test instance (k=5) is: 1**

**Accuracy of the ensemble vote (k=5): 0.7778**

**Precision of the ensemble vote (k=5): 0.6049**

**Recall of the ensemble vote (k=5): 0.7778**

**The ensemble vote for the test instance (k=7) is: 1**

**Accuracy of the ensemble vote (k=7): 0.7500**

**Precision of the ensemble vote (k=7): 0.5625**

**Recall of the ensemble vote (k=7): 0.7500**

**The ensemble vote for the test instance (k=9) is: 1**

**Accuracy of the ensemble vote (k=9): 0.7778**

**Precision of the ensemble vote (k=9): 0.6049**

**Recall of the ensemble vote (k=9): 0.7778**

**Smoke\_detection\_iot**

**The ensemble vote for the test instance (k=1) is: 1**

**Accuracy of the ensemble vote (k=1): 0.7146**

**Precision of the ensemble vote (k=1): 0.5107**

**Recall of the ensemble vote (k=1): 0.7146**

**The ensemble vote for the test instance (k=3) is: 1**

**Accuracy of the ensemble vote (k=3): 0.8717**

**Precision of the ensemble vote (k=3): 0.7599**

**Recall of the ensemble vote (k=3): 0.8717**

**The ensemble vote for the test instance (k=5) is: 1**

**Accuracy of the ensemble vote (k=5): 0.6588**

**Precision of the ensemble vote (k=5): 0.4341**

**Recall of the ensemble vote (k=5): 0.6588**

**The ensemble vote for the test instance (k=7) is: 1**

**Accuracy of the ensemble vote (k=7): 0.6609**

**Precision of the ensemble vote (k=7): 0.4369**

**Recall of the ensemble vote (k=7): 0.6609**

**The ensemble vote for the test instance (k=9) is: 1**

**Accuracy of the ensemble vote (k=9): 0.6543**

**Precision of the ensemble vote (k=9): 0.4282**

**Recall of the ensemble vote (k=9): 0.6543**

**Happydata.csv**

**The ensemble vote for the test instance (k=1) is: 1**

**Accuracy of the ensemble vote (k=1): 0.5385**

**Precision of the ensemble vote (k=1): 0.2899**

**Recall of the ensemble vote (k=1): 0.5385**

**No votes in the ensemble for k=3.**

**The ensemble vote for the test instance (k=5) is: 0**

**Accuracy of the ensemble vote (k=5): 0.9048**

**Precision of the ensemble vote (k=5): 0.8186**

**Recall of the ensemble vote (k=5): 0.9048**

**The ensemble vote for the test instance (k=7) is: 0**

**Accuracy of the ensemble vote (k=7): 0.9091**

**Precision of the ensemble vote (k=7): 0.8264**

**Recall of the ensemble vote (k=7): 0.9091**

**The ensemble vote for the test instance (k=9) is: 0**

**Accuracy of the ensemble vote (k=9): 0.9167**

**Precision of the ensemble vote (k=9): 0.8403**

**Recall of the ensemble vote (k=9): 0.9167**

**data**

**The ensemble vote for the test instance (k=1) is: Typical aura with migraine**

**Accuracy of the ensemble vote (k=1): 0.6175**

**Precision of the ensemble vote (k=1): 0.3813**

**Recall of the ensemble vote (k=1): 0.6175**

**The ensemble vote for the test instance (k=3) is: Typical aura with migraine**

**Accuracy of the ensemble vote (k=3): 0.7286**

**Precision of the ensemble vote (k=3): 0.5309**

**Recall of the ensemble vote (k=3): 0.7286**

**The ensemble vote for the test instance (k=5) is: Typical aura with migraine**

**Accuracy of the ensemble vote (k=5): 0.9073**

**Precision of the ensemble vote (k=5): 0.8233**

**Recall of the ensemble vote (k=5): 0.9073**

**The ensemble vote for the test instance (k=7) is: Typical aura with migraine**

**Accuracy of the ensemble vote (k=7): 0.7523**

**Precision of the ensemble vote (k=7): 0.5660**

**Recall of the ensemble vote (k=7): 0.7523**

**The ensemble vote for the test instance (k=9) is: Typical aura with migraine**

**Accuracy of the ensemble vote (k=9): 0.9264**

**Precision of the ensemble vote (k=9): 0.8582**

**Recall of the ensemble vote (k=9): 0.9264**

**Student\_performance\_dataset**

**The ensemble vote for the test instance (k=1) is: Graduate**

**Accuracy of the ensemble vote (k=1): 0.4993**

**Precision of the ensemble vote (k=1): 0.2493**

**Recall of the ensemble vote (k=1): 0.4993**

**The ensemble vote for the test instance (k=3) is: Dropout**

**Accuracy of the ensemble vote (k=3): 0.8309**

**Precision of the ensemble vote (k=3): 0.6904**

**Recall of the ensemble vote (k=3): 0.8309**

**The ensemble vote for the test instance (k=5) is: Dropout**

**Accuracy of the ensemble vote (k=5): 0.8206**

**Precision of the ensemble vote (k=5): 0.6733**

**Recall of the ensemble vote (k=5): 0.8206**

**The ensemble vote for the test instance (k=7) is: Dropout**

**Accuracy of the ensemble vote (k=7): 0.4195**

**Precision of the ensemble vote (k=7): 0.1760**

**Recall of the ensemble vote (k=7): 0.4195**

**The ensemble vote for the test instance (k=9) is: Dropout**

**Accuracy of the ensemble vote (k=9): 0.8208**

**Precision of the ensemble vote (k=9): 0.6737**

**Recall of the ensemble vote (k=9): 0.8208**

**Glass.csv**

**The ensemble vote for the test instance (k=1) is: 2**

**Accuracy of the ensemble vote (k=1): 0.3551**

**Precision of the ensemble vote (k=1): 0.1261**

**Recall of the ensemble vote (k=1): 0.3551**

**The ensemble vote for the test instance (k=3) is: 2**

**Accuracy of the ensemble vote (k=3): 0.4552**

**Precision of the ensemble vote (k=3): 0.2072**

**Recall of the ensemble vote (k=3): 0.4552**

**The ensemble vote for the test instance (k=5) is: 1**

**Accuracy of the ensemble vote (k=5): 0.4444**

**Precision of the ensemble vote (k=5): 0.1975**

**Recall of the ensemble vote (k=5): 0.4444**

**The ensemble vote for the test instance (k=7) is: 1**

**Accuracy of the ensemble vote (k=7): 0.7407**

**Precision of the ensemble vote (k=7): 0.5487**

**Recall of the ensemble vote (k=7): 0.7407**

**The ensemble vote for the test instance (k=9) is: 1**

**Accuracy of the ensemble vote (k=9): 0.7407**

**Precision of the ensemble vote (k=9): 0.5487**

**Recall of the ensemble vote (k=9): 0.7407**

**Iris.csv**

**The ensemble vote for the test instance (k=1) is: Iris-setosa**

**Accuracy of the ensemble vote (k=1): 0.3333**

**Precision of the ensemble vote (k=1): 0.1111**

**Recall of the ensemble vote (k=1): 0.3333**

**No votes in the ensemble for k=3.**

**No votes in the ensemble for k=5.**

**No votes in the ensemble for k=7.**

**No votes in the ensemble for k=9.**

**Yeast**

**The ensemble vote for the test instance (k=1) is: CYT**

**Accuracy of the ensemble vote (k=1): 0.3120**

**Precision of the ensemble vote (k=1): 0.0973**

**Recall of the ensemble vote (k=1): 0.3120**

**The ensemble vote for the test instance (k=3) is: MIT**

**Accuracy of the ensemble vote (k=3): 0.3721**

**Precision of the ensemble vote (k=3): 0.1385**

**Recall of the ensemble vote (k=3): 0.3721**

**The ensemble vote for the test instance (k=5) is: ME2**

**Accuracy of the ensemble vote (k=5): 0.1570**

**Precision of the ensemble vote (k=5): 0.0246**

**Recall of the ensemble vote (k=5): 0.1570**

**The ensemble vote for the test instance (k=7) is: ME1**

**Accuracy of the ensemble vote (k=7): 0.2047**

**Precision of the ensemble vote (k=7): 0.0419**

**Recall of the ensemble vote (k=7): 0.2047**

**The ensemble vote for the test instance (k=9) is: CYT**

**Accuracy of the ensemble vote (k=9): 0.5700**

**Precision of the ensemble vote (k=9): 0.3249**

**Recall of the ensemble vote (k=9): 0.5700**

**Obesity Classification**

**The ensemble vote for the test instance (k=1) is: Underweight**

**Accuracy of the ensemble vote (k=1): 0.4352**

**Precision of the ensemble vote (k=1): 0.1894**

**Recall of the ensemble vote (k=1): 0.4352**

**The ensemble vote for the test instance (k=3) is: Normal Weight**

**Accuracy of the ensemble vote (k=3): 0.4146**

**Precision of the ensemble vote (k=3): 0.1719**

**Recall of the ensemble vote (k=3): 0.4146**

**The ensemble vote for the test instance (k=5) is: Normal Weight**

**Accuracy of the ensemble vote (k=5): 0.6800**

**Precision of the ensemble vote (k=5): 0.4624**

**Recall of the ensemble vote (k=5): 0.6800**

**No votes in the ensemble for k=7.**

**The ensemble vote for the test instance (k=9) is: Normal Weight**

**Accuracy of the ensemble vote (k=9): 0.5833**

**Precision of the ensemble vote (k=9): 0.3403**

**Recall of the ensemble vote (k=9): 0.5833**