This is an online appendix to the article "Cautious Collective Classification" by McDowell, Gupta, and Aha.

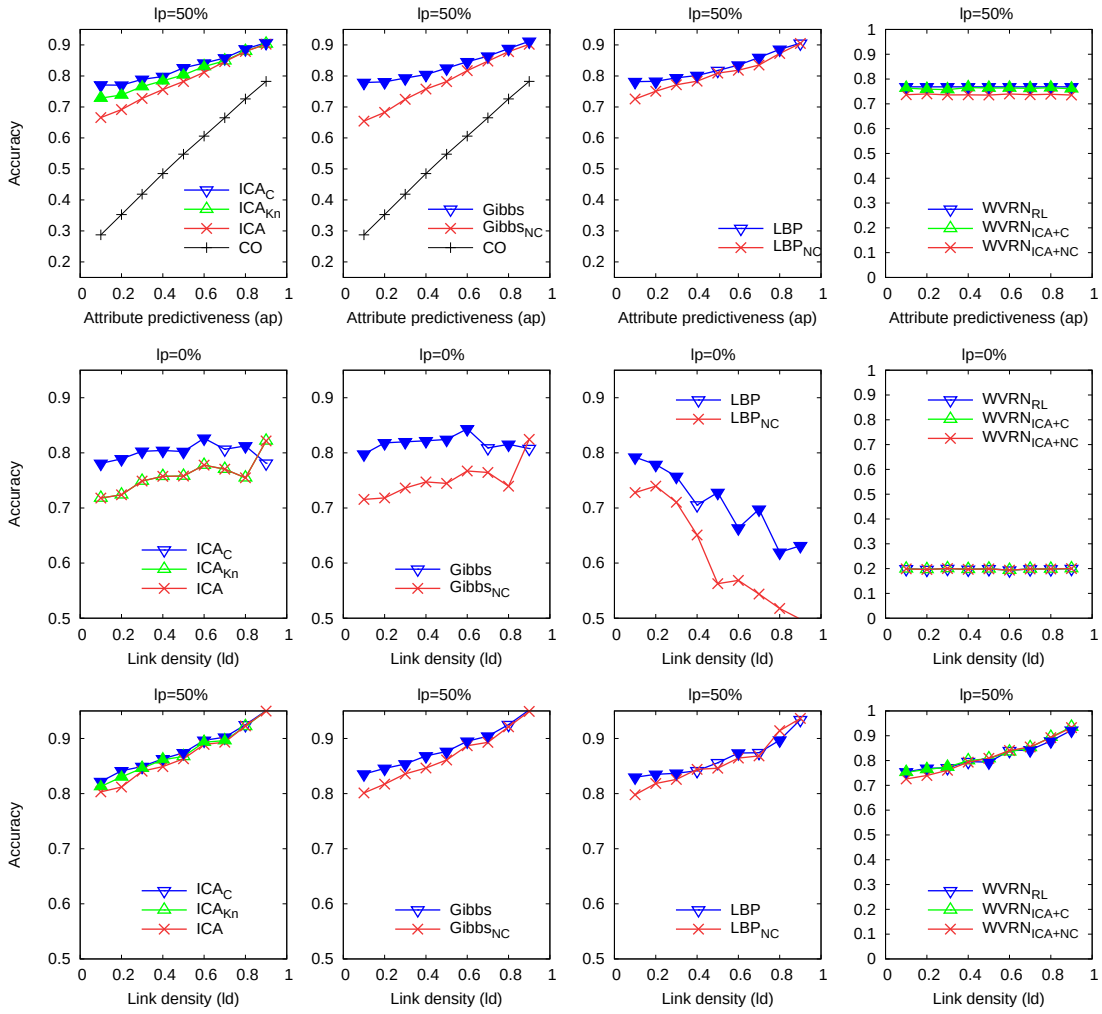

Figure 17: Results for the synthetic data as the attribute predictiveness or link density varies, using the NB local classifier. These graphs are similar to those in Figures 8 and 11 in the body of the article, but are for different values of *lp*.

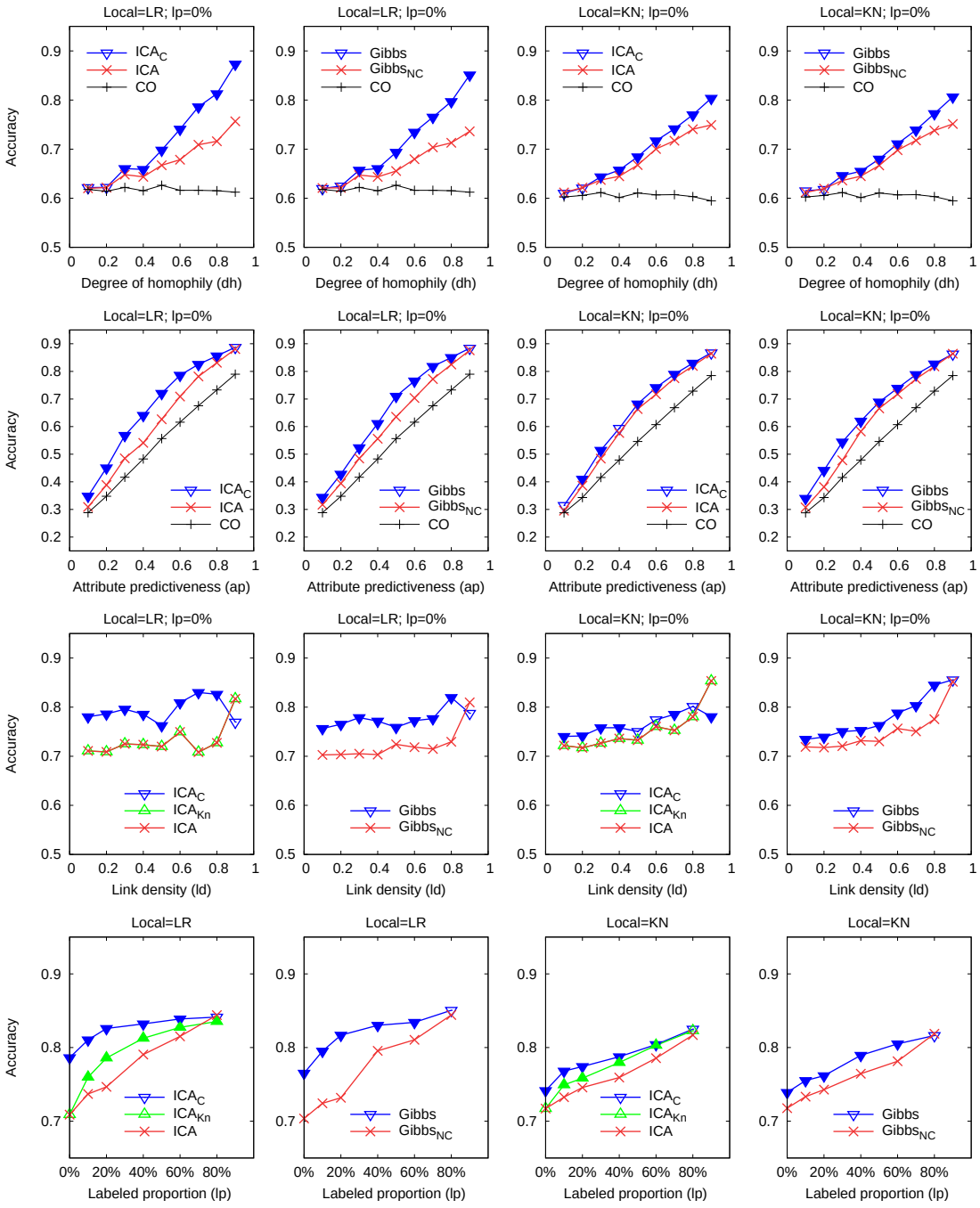

Figure 18: Results for the synthetic data when using the LR or kNN local classifiers, using lp=0% by default. Each row varies a different data characteristic.

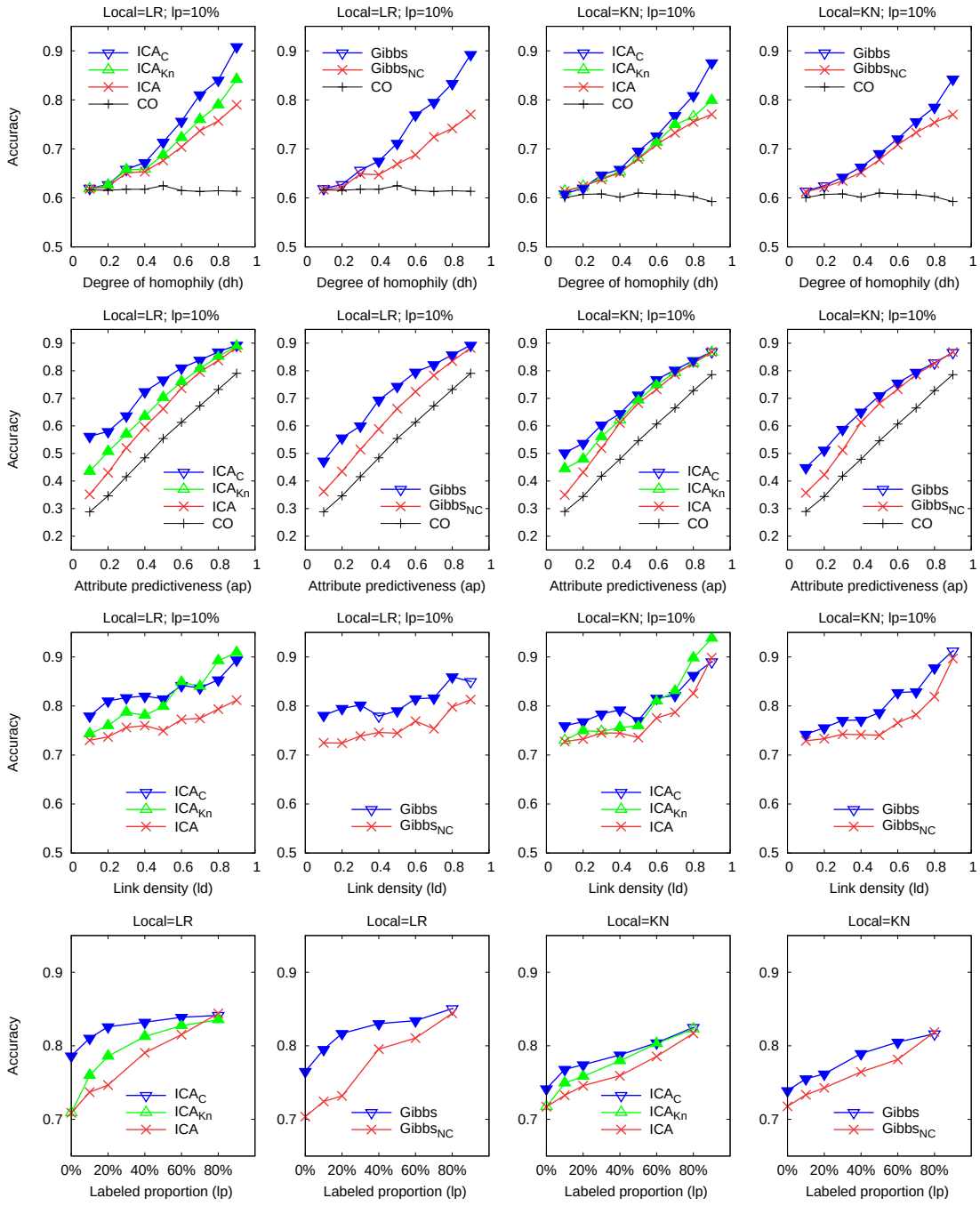

Figure 19: Results for the synthetic data when using the LR or kNN local classifiers, using lp=10% by default. Each row varies a different data characteristic.

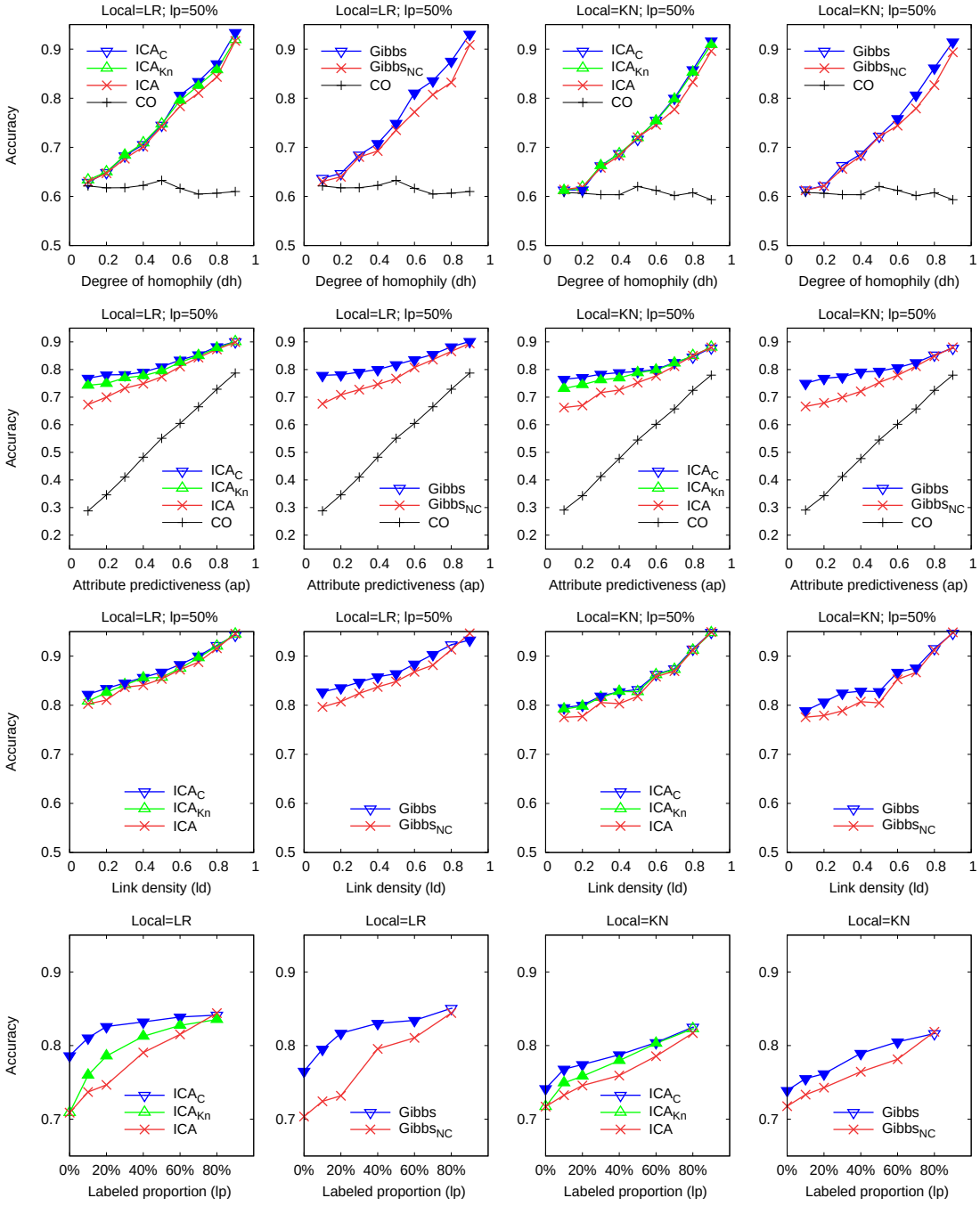

Figure 20: Results for the synthetic data when using the LR or kNN local classifiers, using lp=50% by default. Each row varies a different data characteristic.

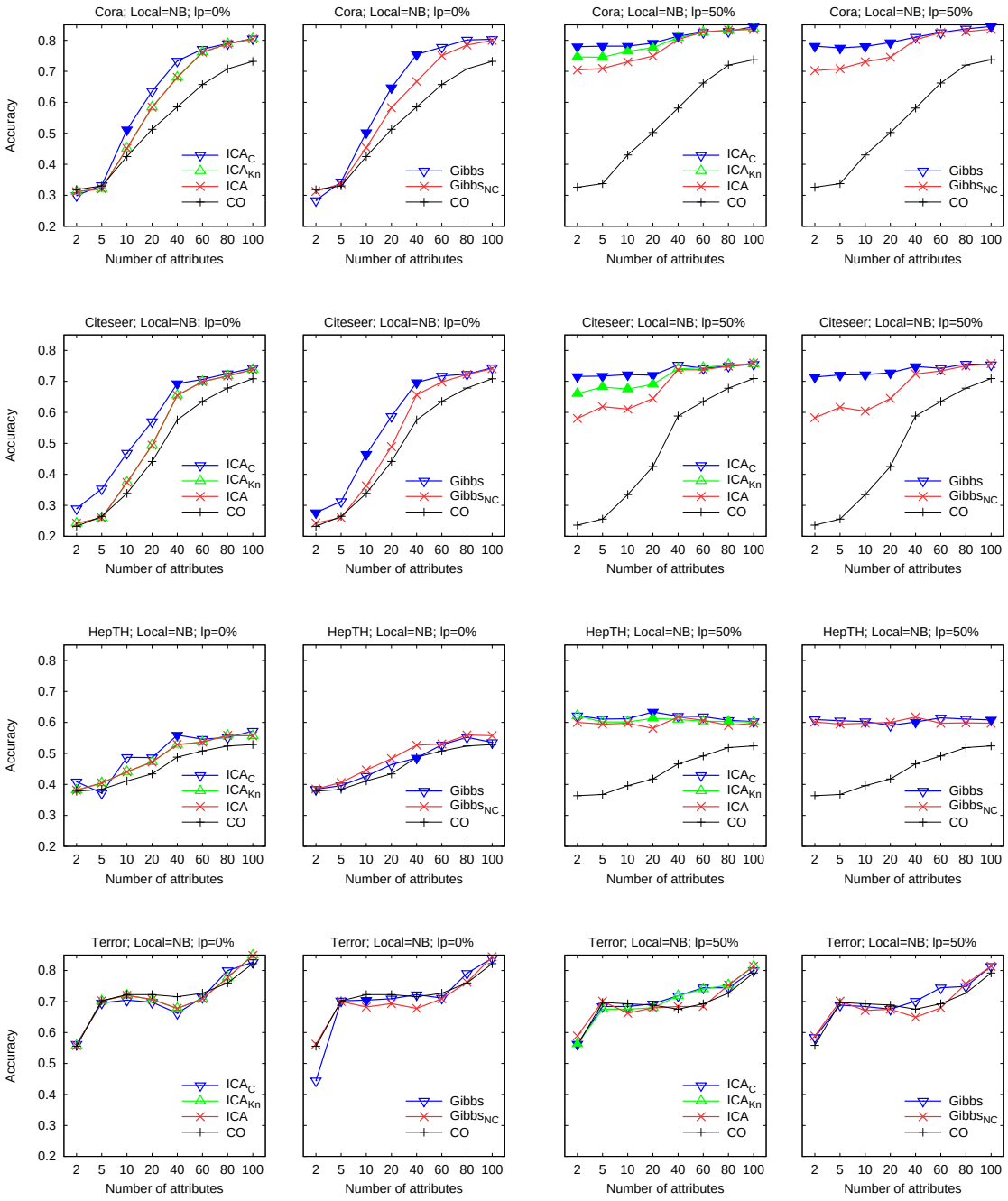

Figure 21: Results for four of the real data sets as the number of attributes is varied, using the NB local classifier. These results are like Figure 9, but for different *lp* values (*lp*=0% or 50%).

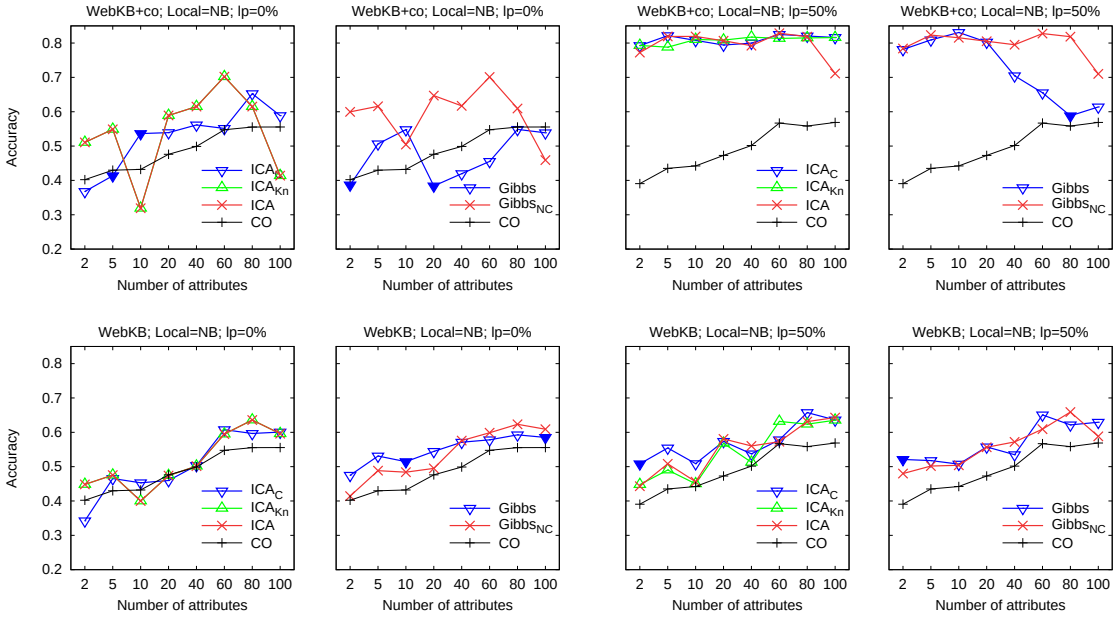

Figure 22: Results for the WebKB data sets as the number of attributes is varied, using the NB local classifier. These results are like Figure 10, but for different *lp* values (*lp*=0% or 50%).

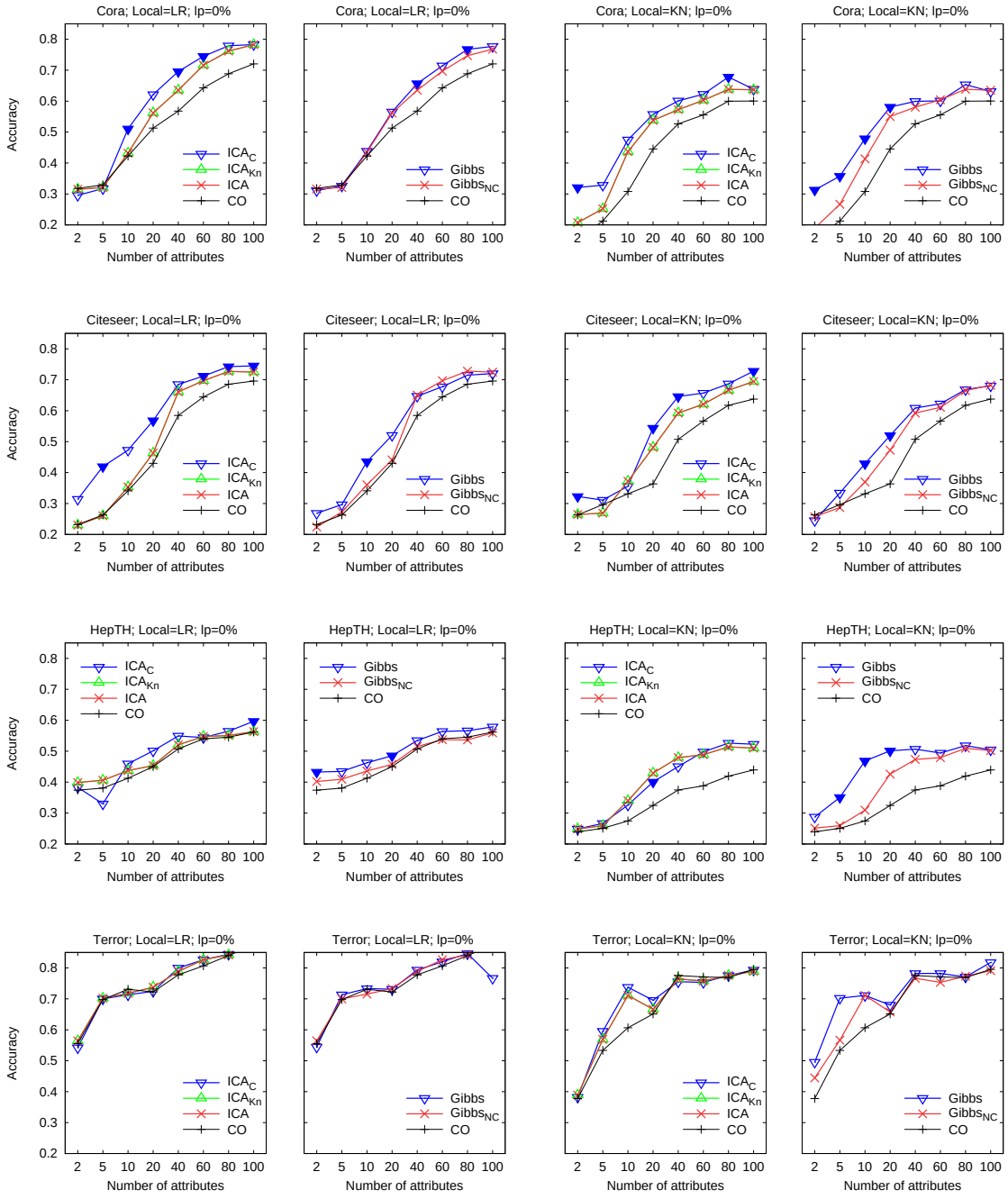

Figure 23: Results for four of the real data sets, using lp=0%, as the number of attributes is varied, using the LR (at left) or kNN (at right) local classifier.

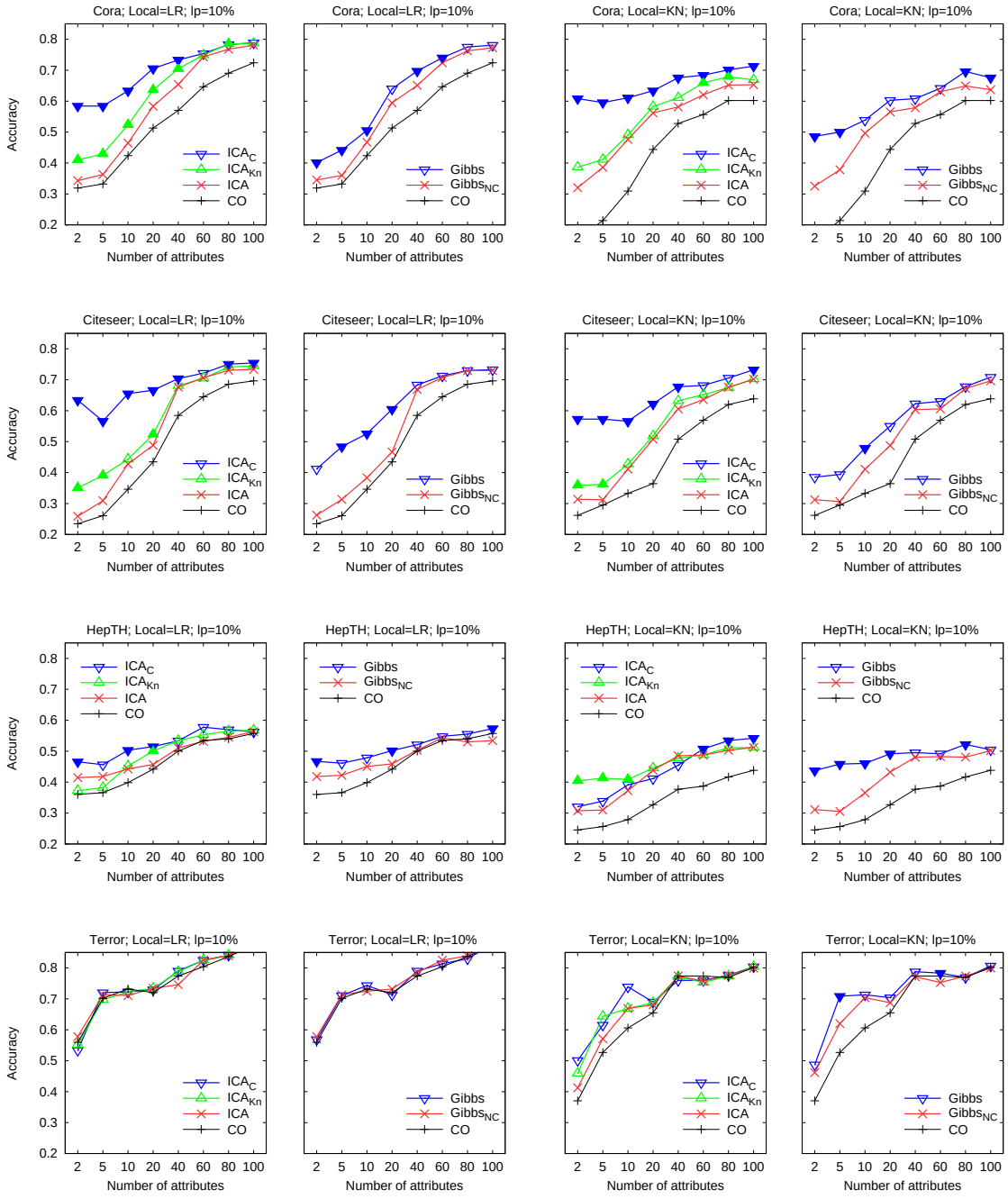

Figure 24: Results for four of the real data sets, using lp=10%, as the number of attributes is varied, using the LR (at left) or kNN (at right) local classifier.

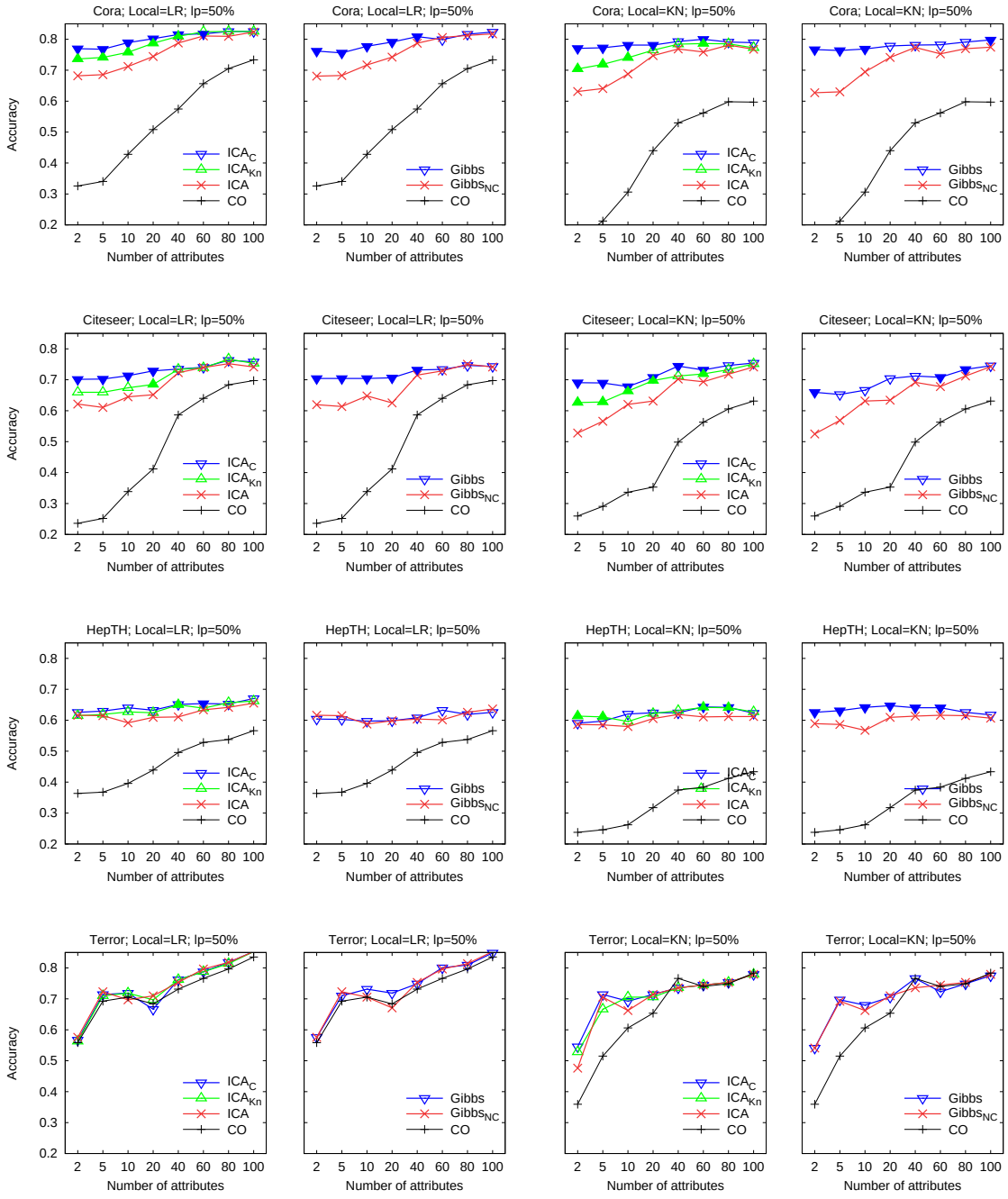

Figure 25: Results for four of the real data sets, using lp=50%, as the number of attributes is varied, using the LR (at left) or kNN (at right) local classifier.

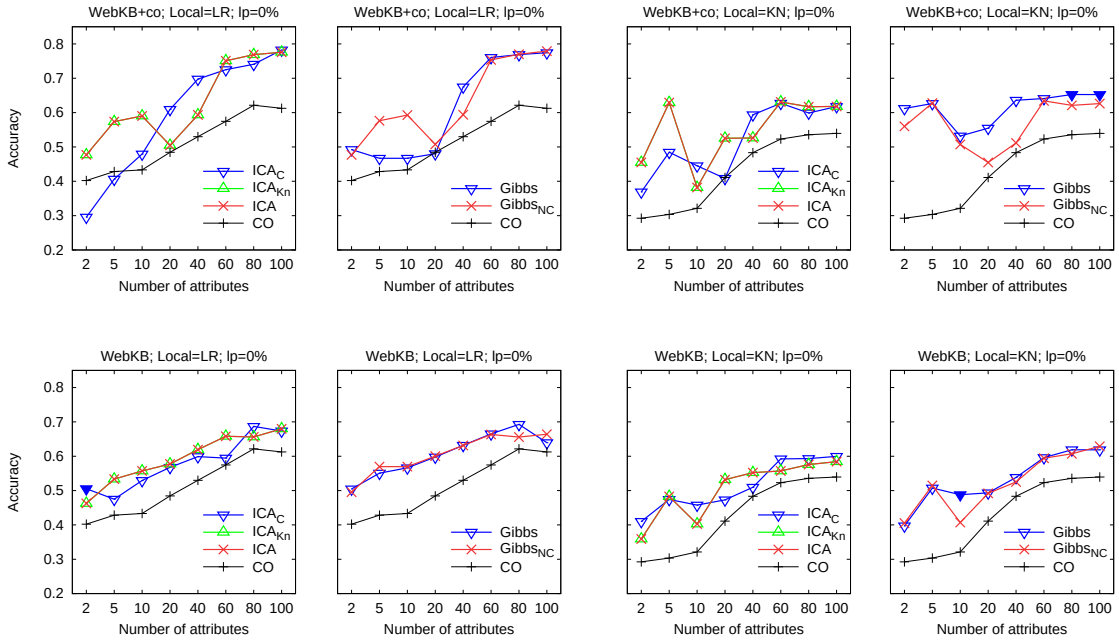

Figure 26: Results for the WebKB data sets, using lp=0%, as the number of attributes is varied, using the LR (at left) or kNN (at right) local classifier.

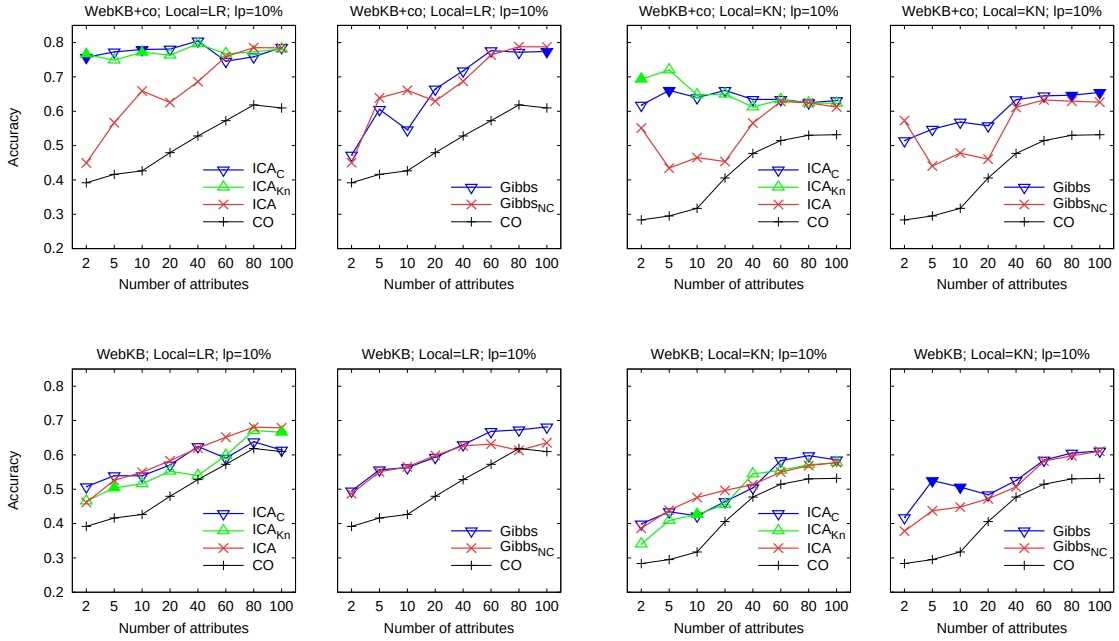

Figure 27: Results for the WebKB data sets, using lp=10%, as the number of attributes is varied, using the LR (at left) or kNN (at right) local classifier.

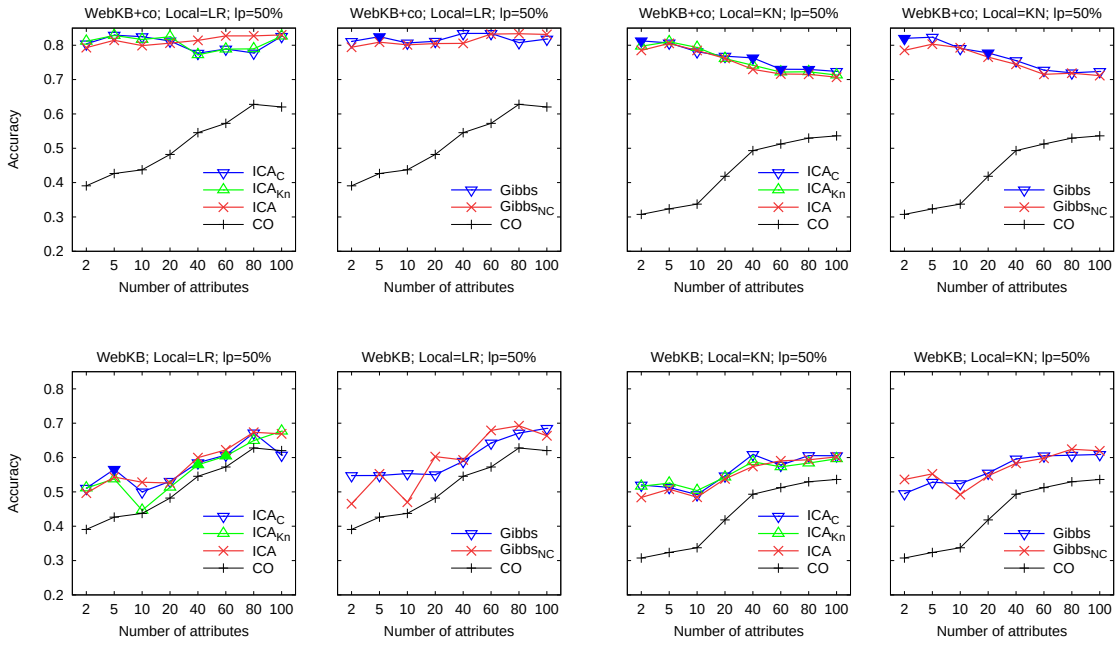

Figure 28: Results for the WebKB data sets, using lp=50%, as the number of attributes is varied, using the LR (at left) or kNN (at right) local classifier.