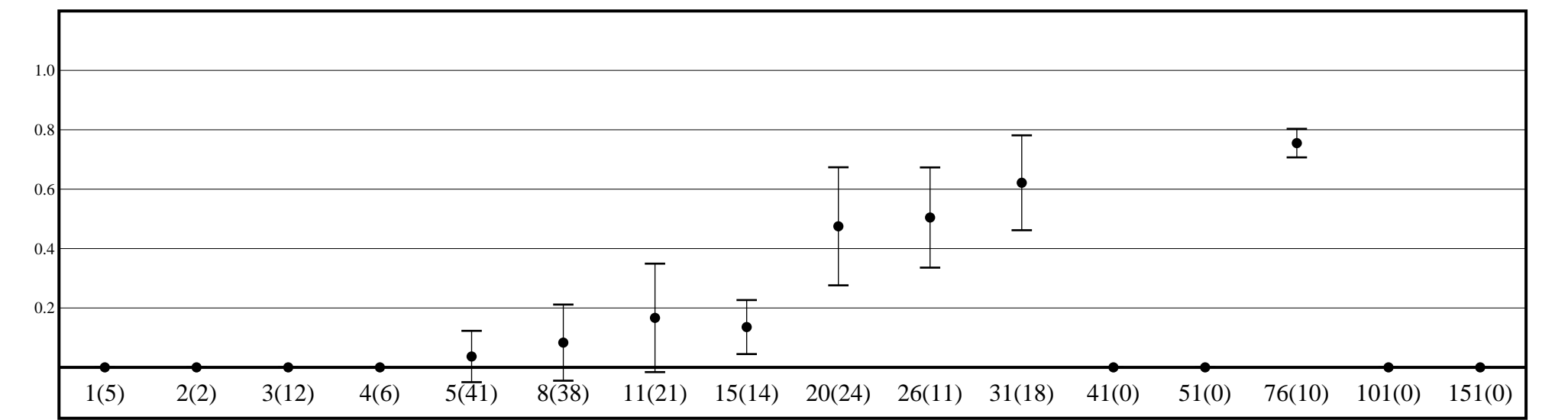


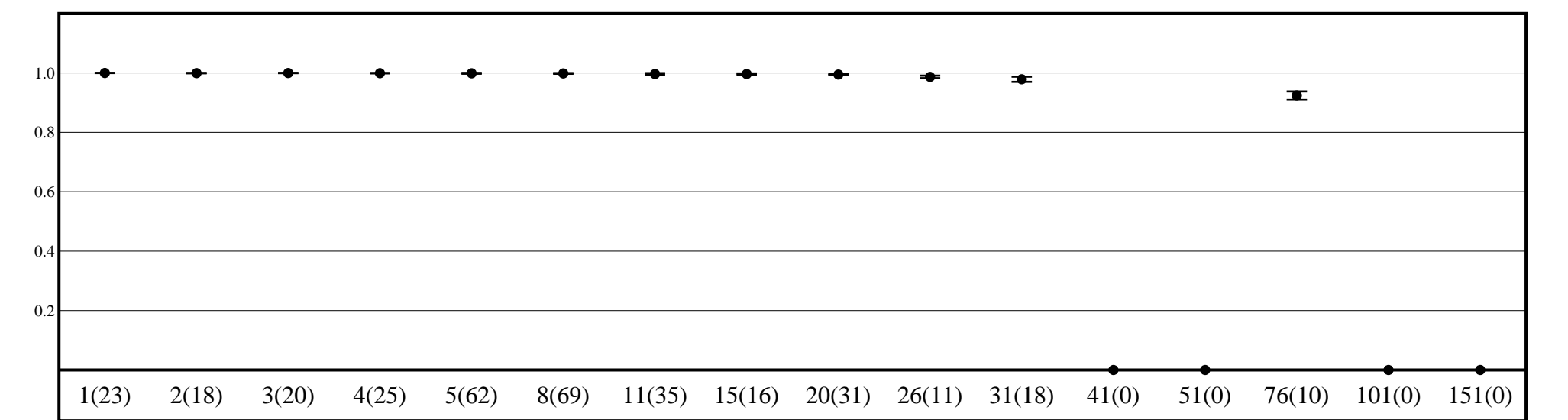
# Test Results Categorized by Training Count

These graphs display the cross validation test results for a classifier arranged by the number of items a classifier was trained on for a given tag. The X axis displays the number of training items, where there is a gap, the label defines the lower bound of a range that extends to the next label. The number in brackets is the number of tags that fall into that 'bin'. The Y Axis is the mean true positive or true negative rate for the classifiers that fall in the 'bin'. Standard Deviation is shown as error bars on the chart.

## True Positive Results



## True Negative Results



## Tags in bins

| Bin   | Tags   |
|-------|--|
| 1..1  | ande-nonprofit, ande-spam, ande-birds, ande-astronomy, ande-cats,  |
| 2..2  | ande-machine learning, ande-spam, ande-birds, ande-astronomy,  |
| 3..3  | ande-machine learning, ande-spam, ande-earth, ande-zoology, ande-music,  |
| 4..4  | ande-machine learning, ande-earth, ande-zoology, ande-racial diversity, ande-music,  |
| 5..7  | ande-gay rights, ande-censorship, ande-racial diversity, ande-music, ande-anthropology, ande-vista, ande-medicine, ande-Macs, ande-photography, ande-women in politics, ande-global warming, |
| 8..10 | ande-education, ande-gay rights, ande-censorship, ande-collaboration, ande-vista, ande-medicine,   |

| Bin       | Tags   |
|-----------|--|
|           | ande-Macs, ande-food, ande-cultural diversity,<br>ande-women in politics, ande-privacy, ande-global warming, |
| 11..14    | ande-education, ande-language, ande-collaboration,<br>ande-food, ande-cultural diversity, ande-literature,   |
| 15..19    | ande-the media, ande-humor, ande-language,<br>ande-evolution, ande-search engine,                            |
| 20..25    | ande-the media, ande-humor, ande-evolution,<br>ande-search engine, ande-environment,                         |
| 26..30    | ande-social networking, ande-environment,  |
| 31..40    | ande-social networking, ande-green,  |
| 41..50    |  |
| 51..75    |  |
| 76..100   | ande-web,  |
| 101..150  |  |
| 151..1000 |  |