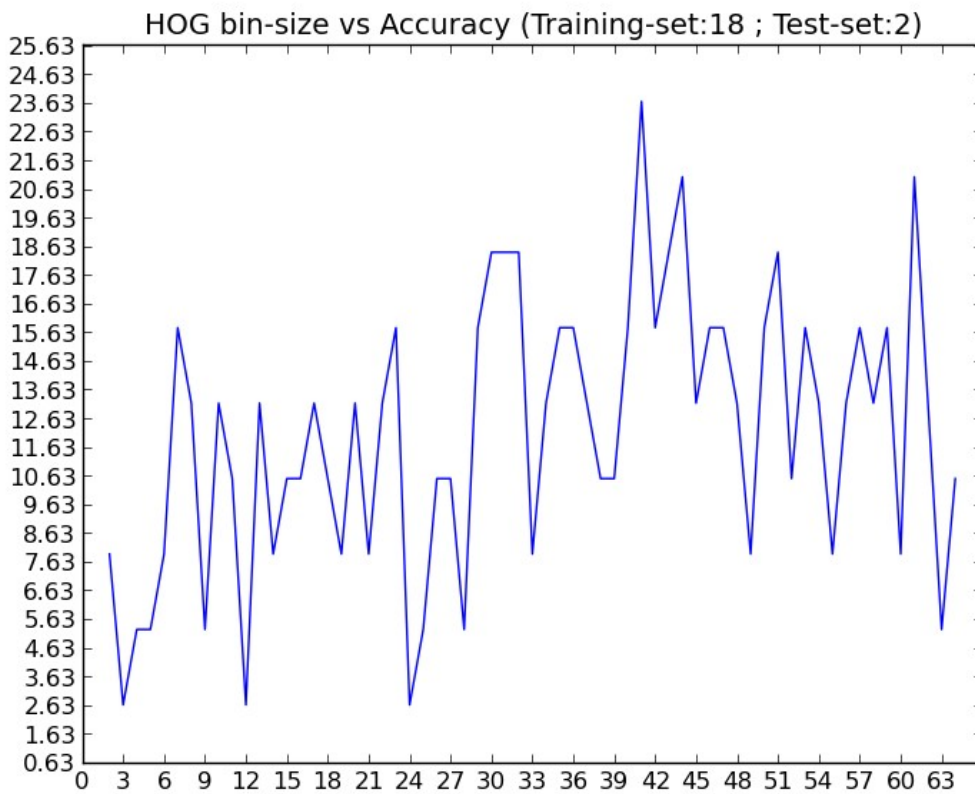
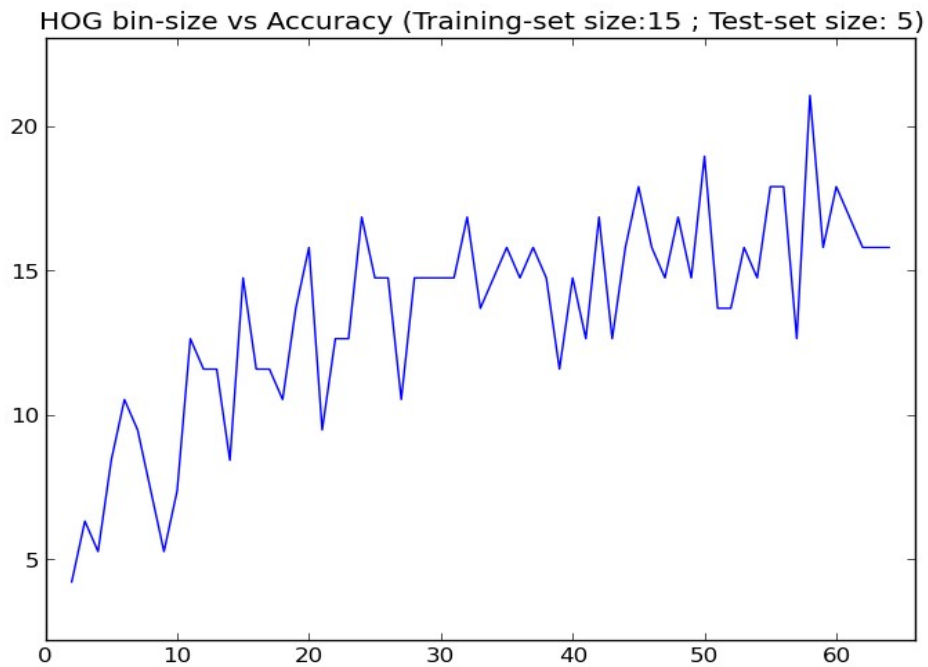


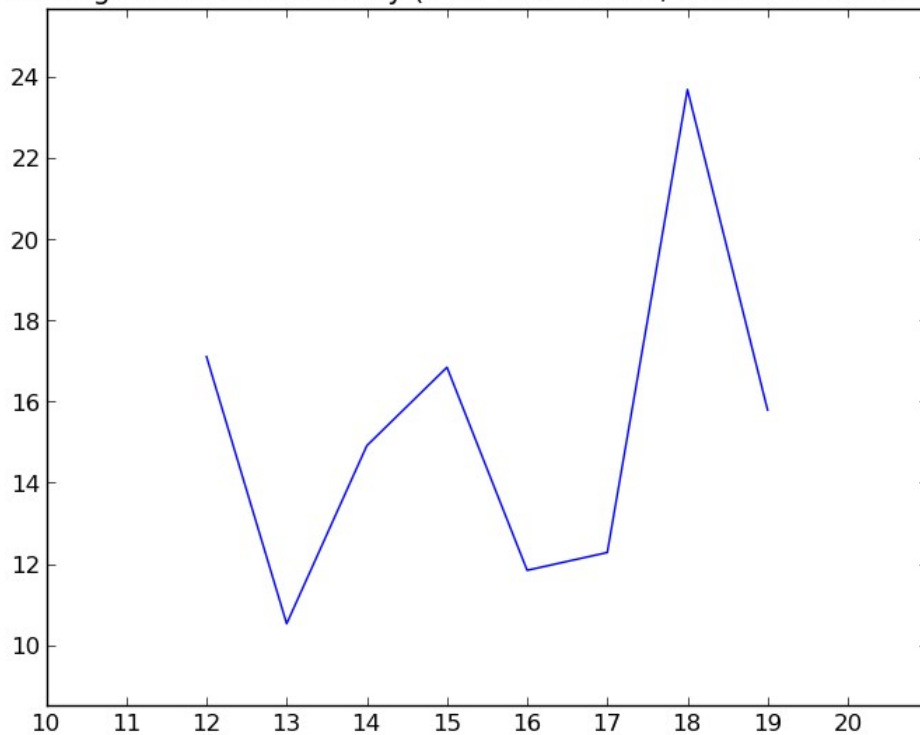
Digital Humanities Project

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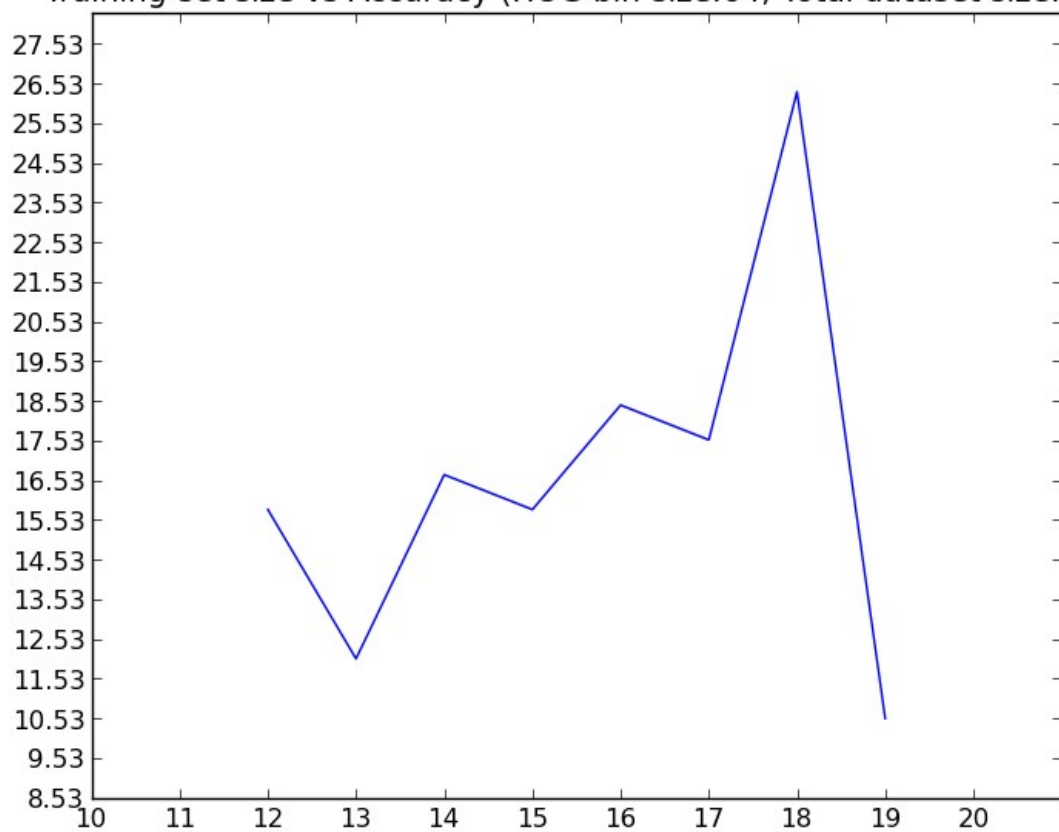
Roll no : 201001106



Training-set size vs Accuracy (HOG bin-size:32 ; Total dataset size:20)



Training-set size vs Accuracy (HOG bin-size:64; Total dataset size:20)



Selected categories of paintings

1. Bengali school of art
2. Cheriya scroll
3. Company paintings
4. Haripur Guler
5. Kalighat
6. Kangra
7. Kerala Mural
8. Madhubani
9. Manjusha
10. Mughal
11. Mysore
12. Pahari
13. Patna
14. Phad
15. Ragamala
16. Rajput
17. Shekawati
18. Tanjore
19. Warli

There is a sudden drop in the accuracy towards the end of the graph of training-set size vs accuracy. This is because when there are 19(out of 20) training images and 1 test image, there is a higher *risk of classification*. In general, this graph can be extrapolated to attain higher values of accuracy with increasing training-set size.

References

- [0] - http://en.wikipedia.org/wiki/Category:Schools_of_Indian_painting
- [1] - http://en.wikipedia.org/wiki/Indian_painting
- [2] - <http://www.itsaveer.com/artsmart/articles/gallery/forms-of-indian-paintings>