

# Diamonds From the Rough

## Improving Drawing, Painting, and Singing via Crowdsourcing

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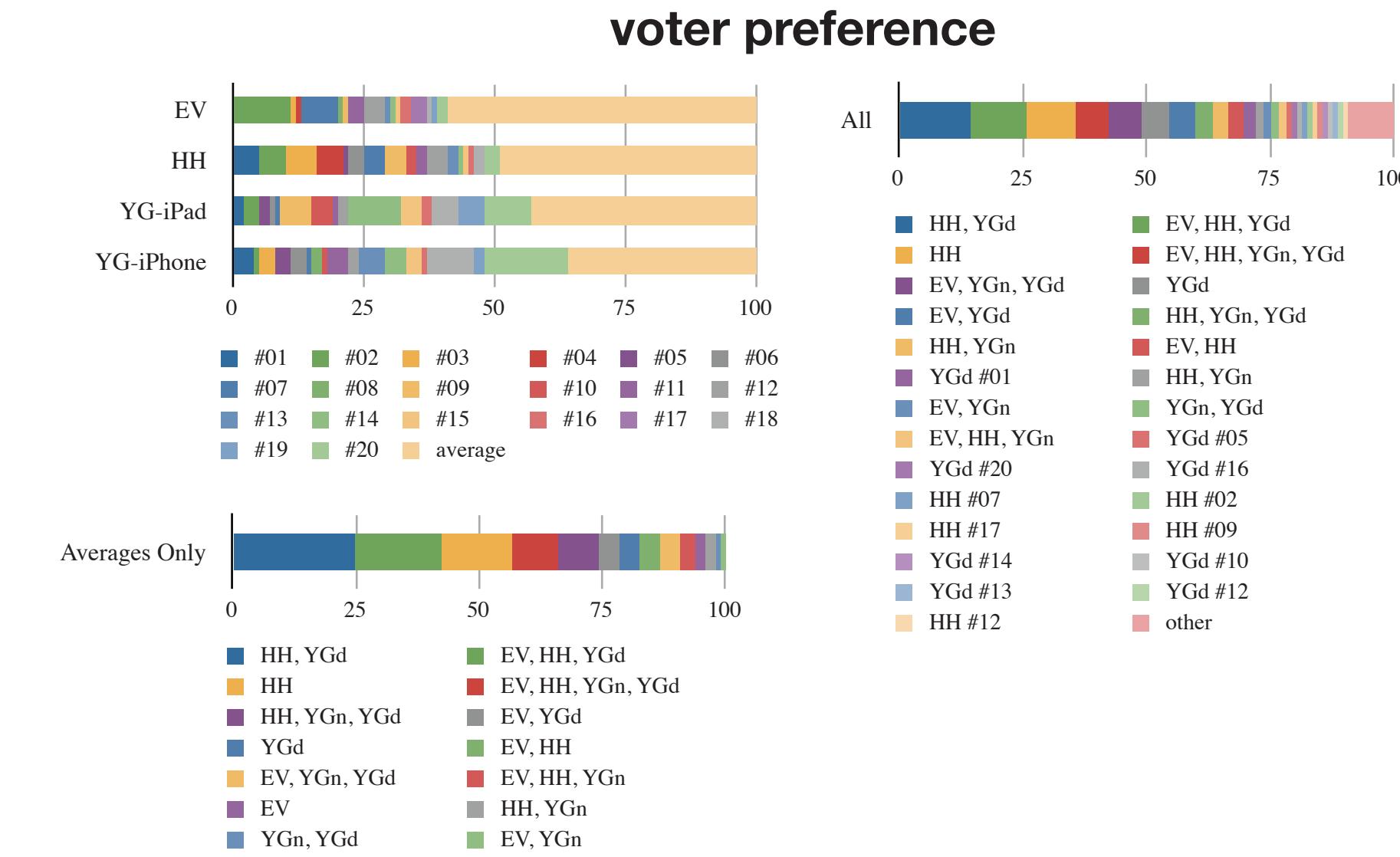
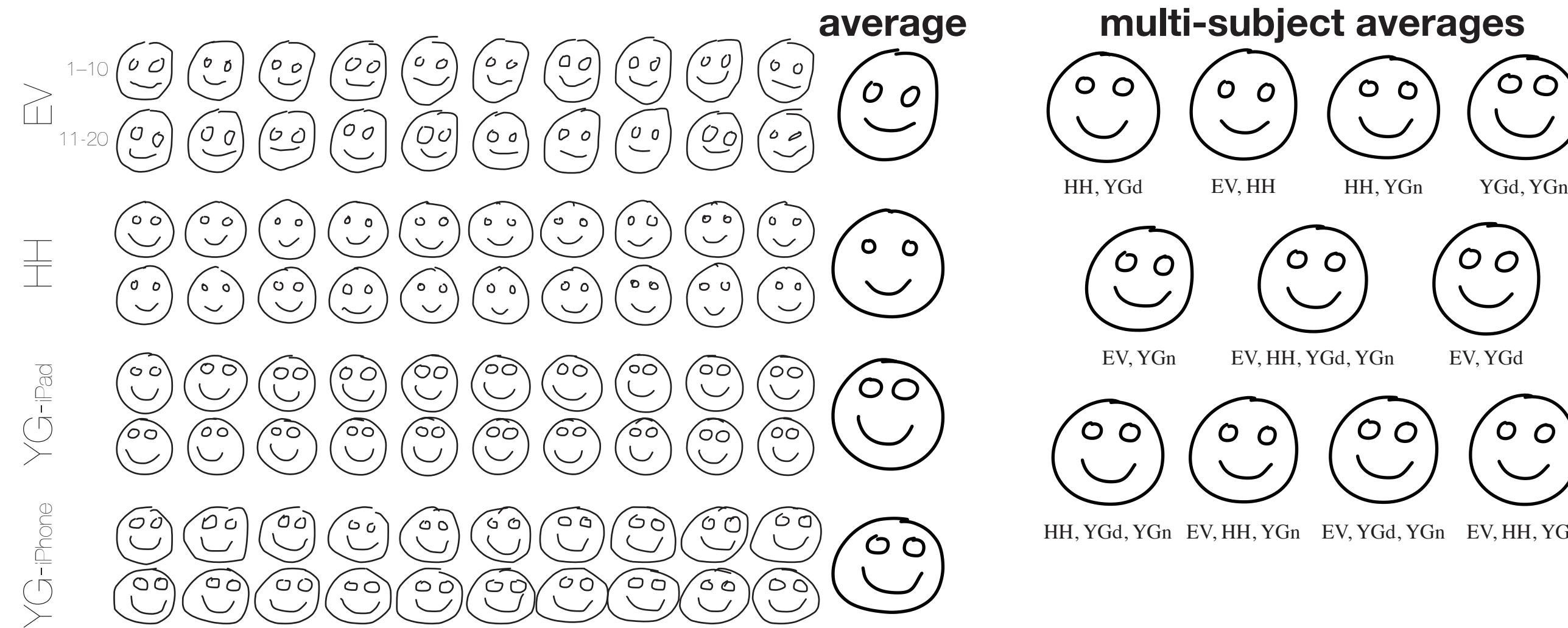
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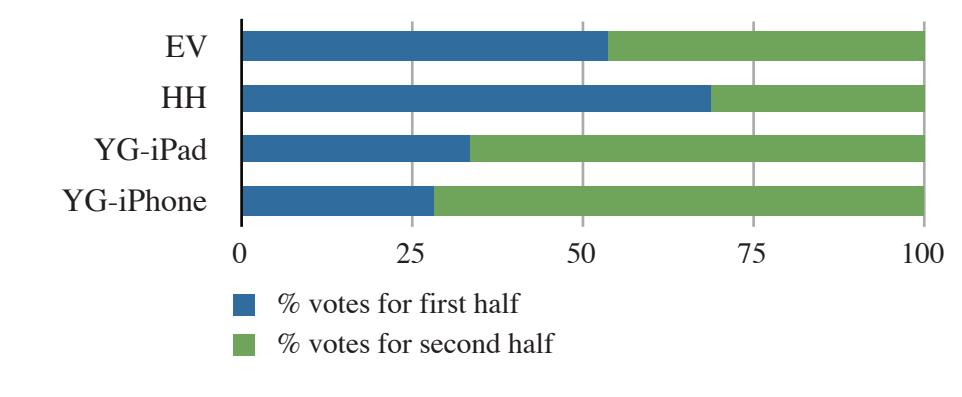
hirsh@cs.rutgers.edu

### Drawing

Do multiple line drawings of the same object average to a better drawing?



#### training bias?



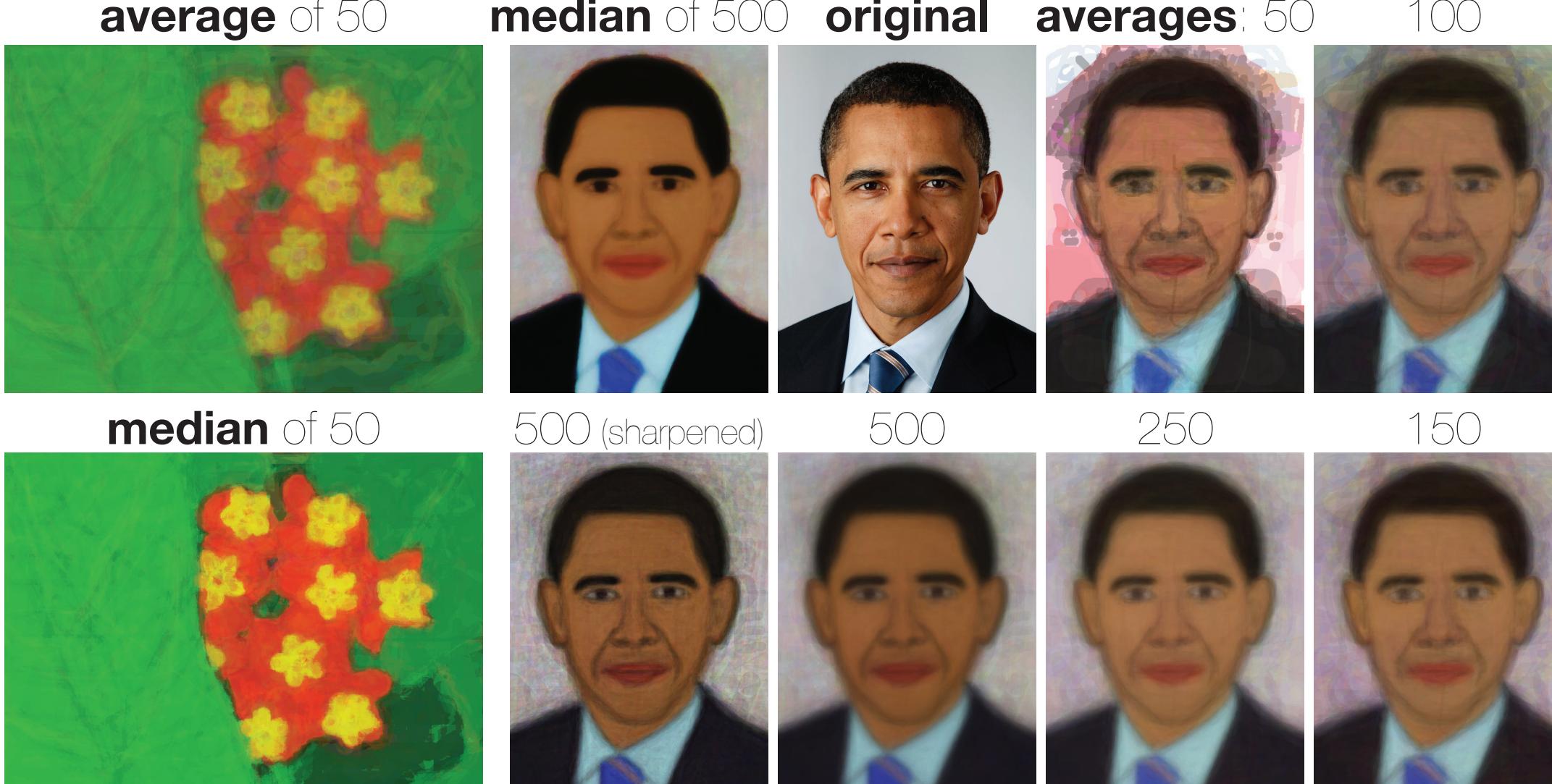
### Painting

Do multiple paintings of the same scene average to a better painting?

**Be an artist and paint this photograph.**  
Please paint a picture of the photo.  
Your painting will be judged without the photograph underneath.  
For guidance, the photograph is shown underneath the painting canvas.  
You may hide or show the photograph (or your painting) using the checkboxes.  
You can adjust the size and color of the paintbrush below.

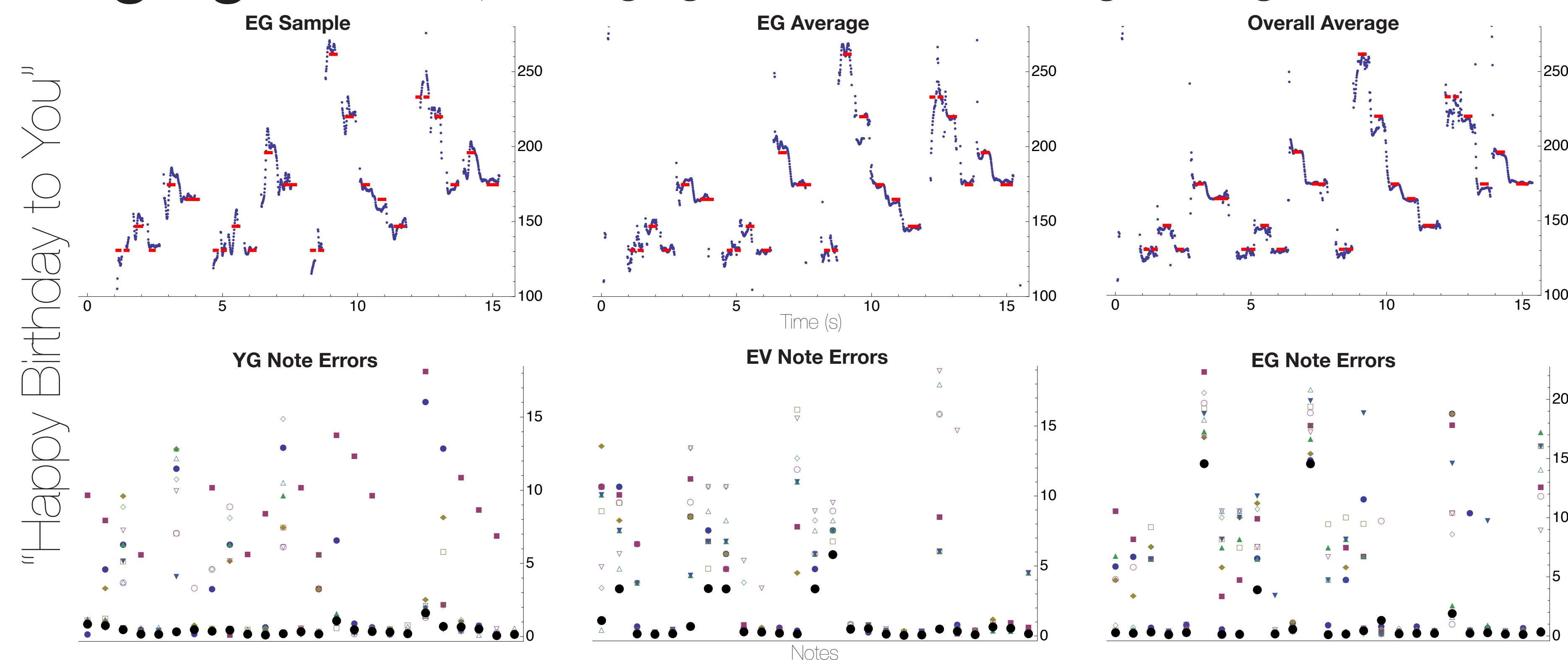
show photograph  
 show painting

brush  
small large



### Singing

Do multiple singings of the same song average to be more on key?



### Acknowledgements

We are grateful to Tom Malone, Greg Little, Alex Rosmarin, and Julia Hirschberg for helpful discussions, to Lara Kassoff for help with statistics, and to Jane Mills for her help with the painting portion. We also wish to acknowledge Dan Weld for recommending the book "Paths to Otherwhere" by James P. Hogan, which partially inspired this work. This research is supported in part by the Sloan Foundation, the NSF CAREER Award CCF-06-43268 and grants IIS-09-16129, IIS-10-48948, IIS-11-17257, CMMI-11-29917, IIS-09-16845, and generous gifts from Adobe, Autodesk, Intel, mental images, Microsoft, NVIDIA, Side Effects Software, and the Walt Disney Company.