PAINT COLOR AND DRIPPING FREQUENCY

Researchers have discovered that paint drips less often when the paint is yellow compared to paint that is red and claim that this finding will transform the world of painting across the world.

In an astonishing experiment, they let paint drip on sheets of paper and counted the number of drops that landed on the paper. Cutting-edge statistical analyses suggest that yellow paint drips less often. Their findings are summarised in Figure 1:

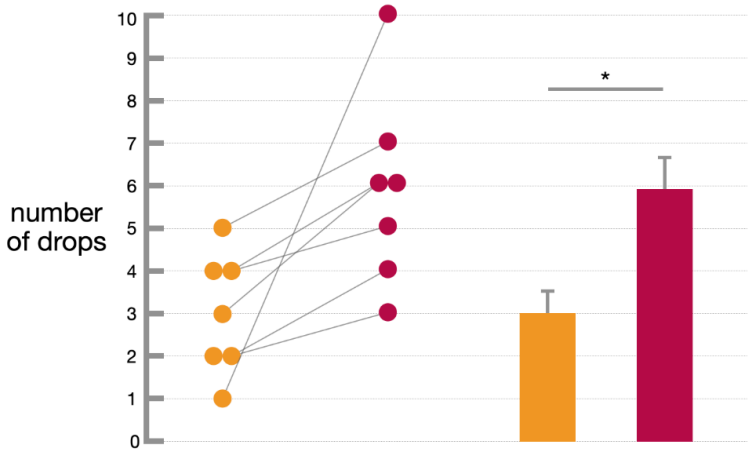

Figure 1: *Number of paint drops for each trial (dots on left) and mean number of paint drops (bars on right, alongside ± SE)*

Try to "reproduce" this graph. Would you be able to recreate the counts? How did they arrive at their summary? What would you need to fully reproduce the numbers represented in the graph?

The authors also provided the "raw data" in form of sheets of papers on which the paint was dripped. Does that help you to reproduce Figure 1?

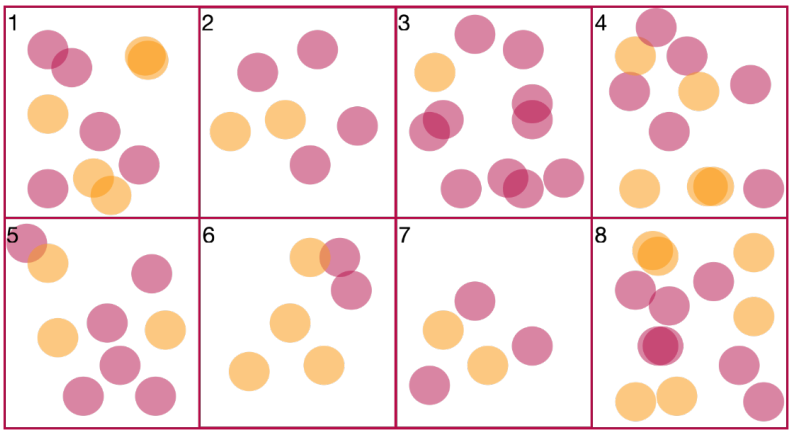

Figure 2: Photos of the individual sheets of paper for all trials (n=8)