**Warmup in 1D:**

1. The effect on the linear fit is a change in slope, the slope becomes less steep as the line tries to fit more to the new values that have of zero. Considerably drastic since the slope of the line went from 0.0625 to 0.1604, which is an entire magnitude higher. However, the affect on the non-linear fit was rather negligible as it was able to easily fit itself accordingly since the values of technically remained the same (ie. 0, and 1).