This folder includes all the R files which created the figures in the paper.

You may need change the file position in **line 1**

**setwd("E:/我的坚果云/SNNU/论文修改/color calibration in VR/R related")**

**and line 7**

**raw\_data <- read\_excel("E:/我的坚果云/SNNU/论文修改/color calibration in VR/measurement - RMS.xlsx",sheet = "compared\_to\_Murray")**

to successfully run the R files.

**“photoresistor.R”**  Figure 1

**“low\_rms\_high.R”** Figure 3

**“left\_right\_gamma\_uncalibrated.R”** Figure 4

**“gamma\_linear.R”** Figure 5

**“RGB\_identically\_separately.R”** Figure 6

**“compared\_to\_Murray.R”**  Figure7