This is the codes and experimental results attached to the paper "single photon counting combined tracking sub-pixel rotation sampling compression imaging based on depth learning".

In order to increase the credibility of the paper, we saved and uploaded all the experimental data and codes:

The simulation experiment results and codes in Table.1.2.3 in this paper are saved in “. / Table.1.2.3”.

The experimental codes are saved in “.\Table. N\method\MR\model”, where method refers to reconstruction method, and MR refers to measurement rate.

For example, the code of DR2 at 1.5% measurement rate in table.1 is stored in “.\Table.1\DR2\1.56\model”.

The experimental results are saved in “.\Table. N\method\MR\data”.

For example, the code of DR2 at 1.5% measurement rate in table.1 is stored in “.\Table.1\DR2\1.56\data”.

The actual imaging images corresponding to Fig. 12 are saved in “.\Fig.12\TVAL3&HRSC”.