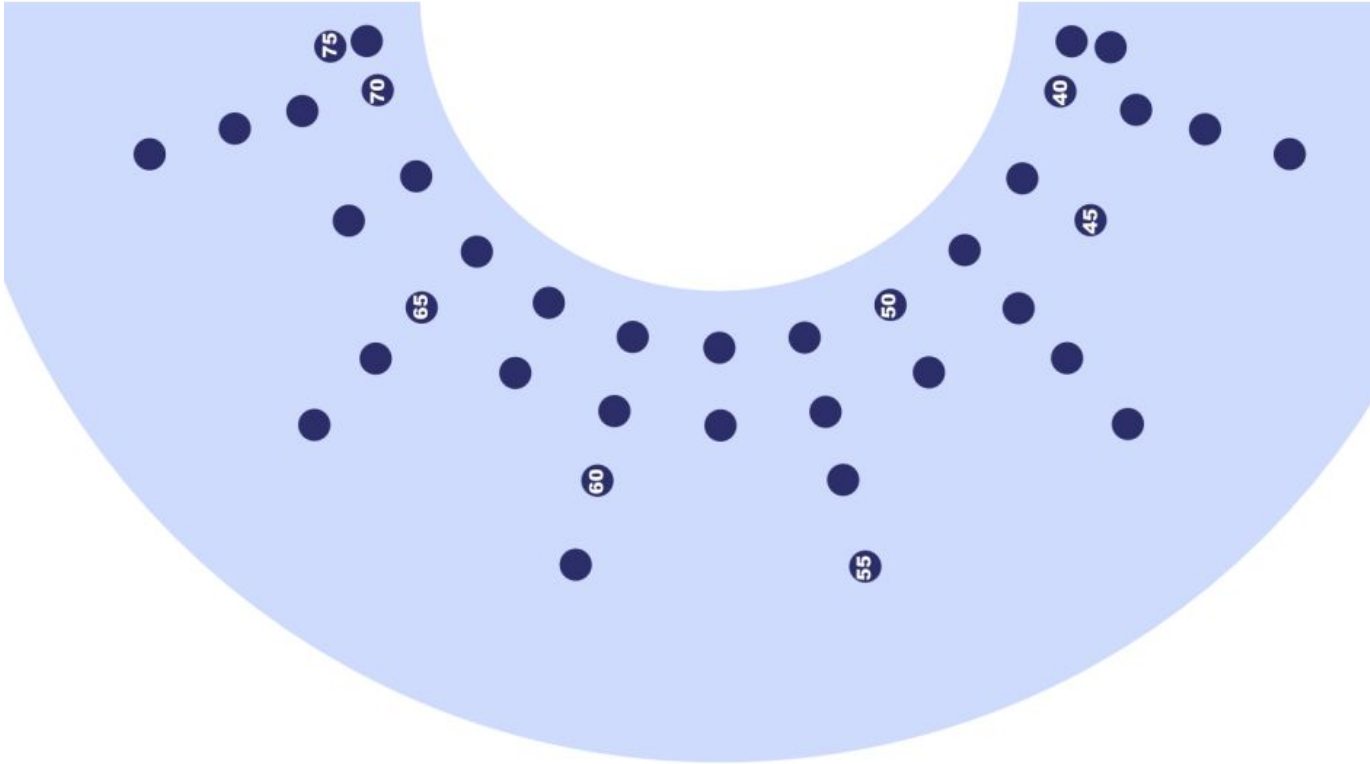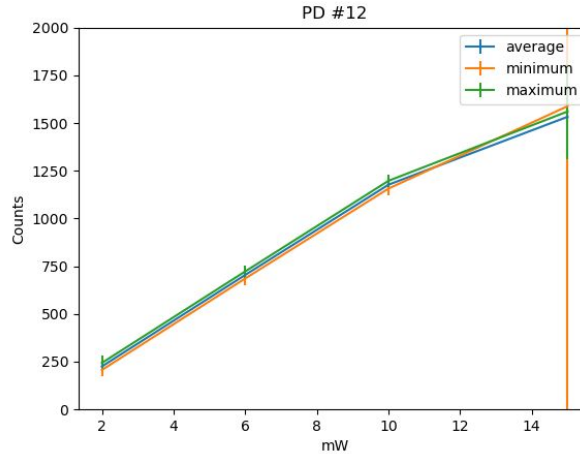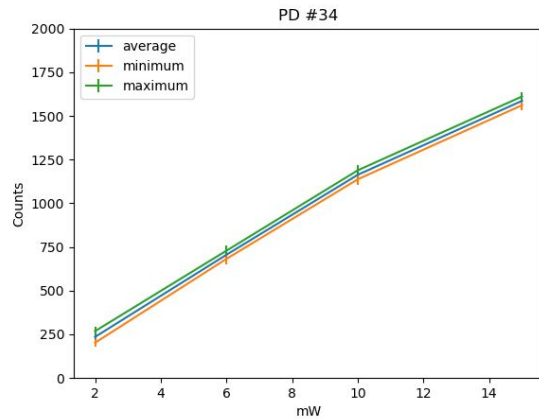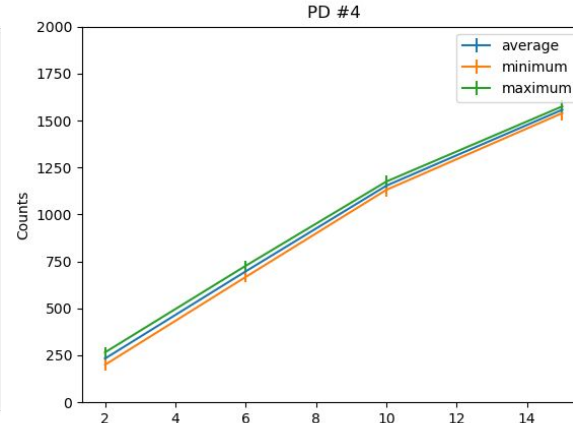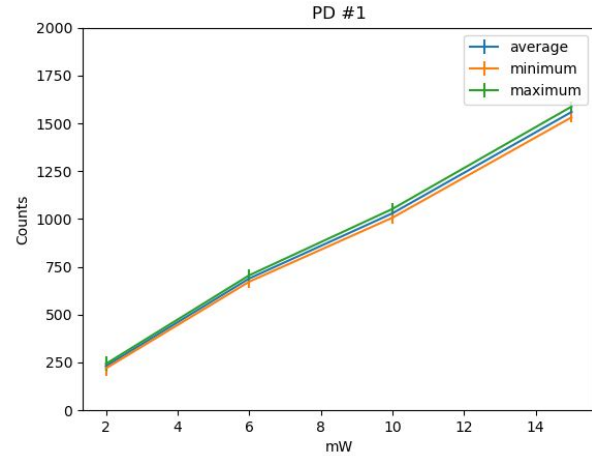# Results from day 4

22nd of April 2021

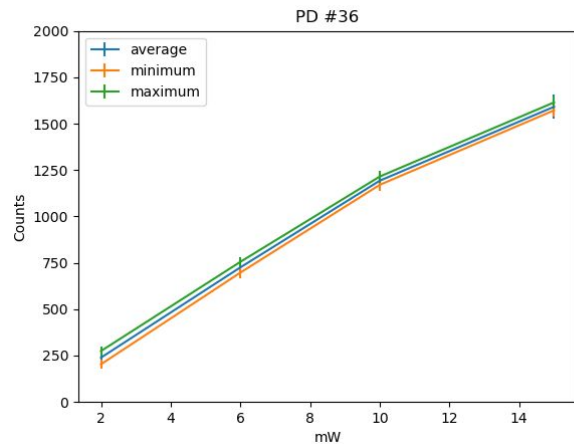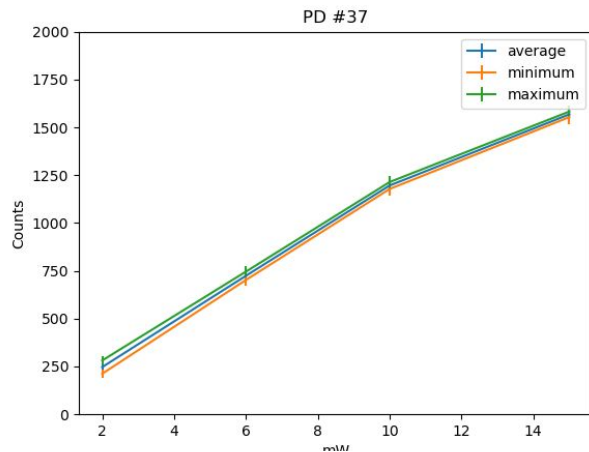# Distribution of PDs and associated numbers

Measurements

- We repeated the measurements that were bad from yesterday and two remaining PDs (36 and 37)

- We measured all PDs from 38 to 75 (except for PDs 61 and 73 due to them being outside the x-y table range).

- Points that were measured for each: **2mW, 6mW, 10mW and 15mW**

- **15"** of data for each power
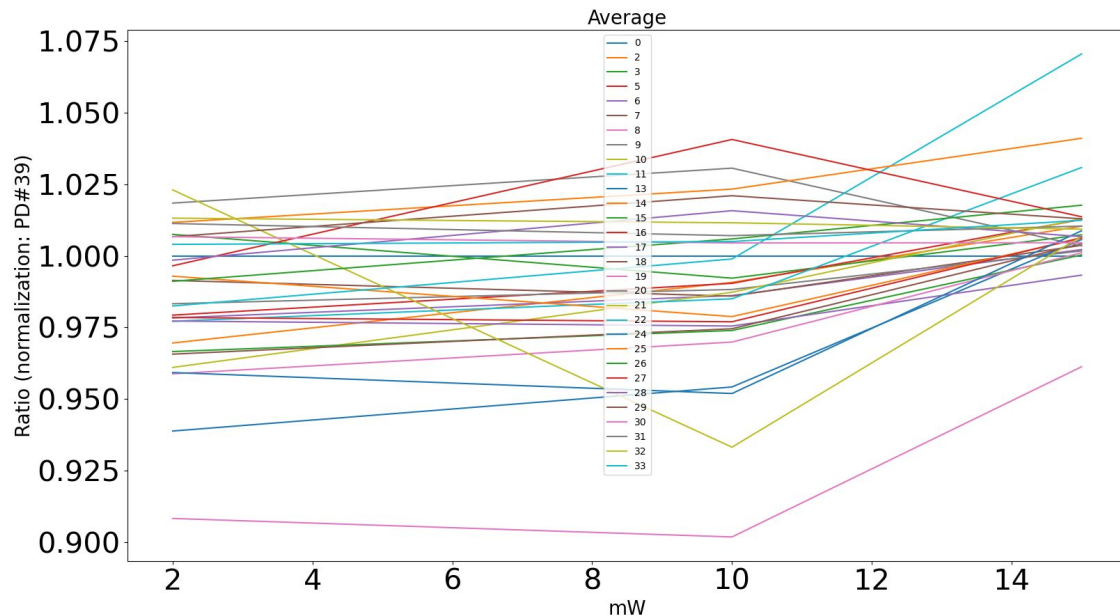
Measurements that had to be repeated

Now they're reasonable. The weird behaviour shown in yesterday's plots was not Physical. It was that by mistake I was plotting extra files of other (uncorrelated) data
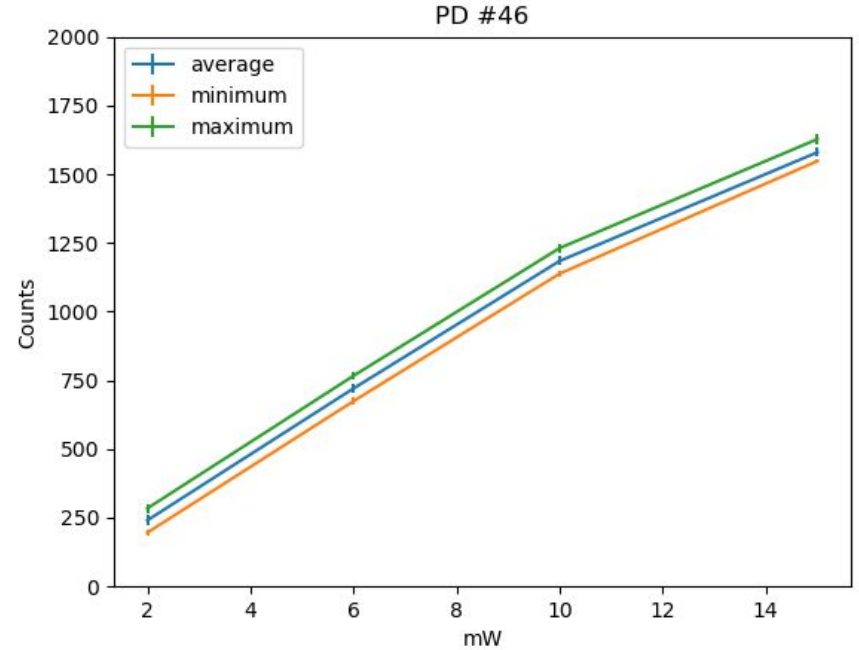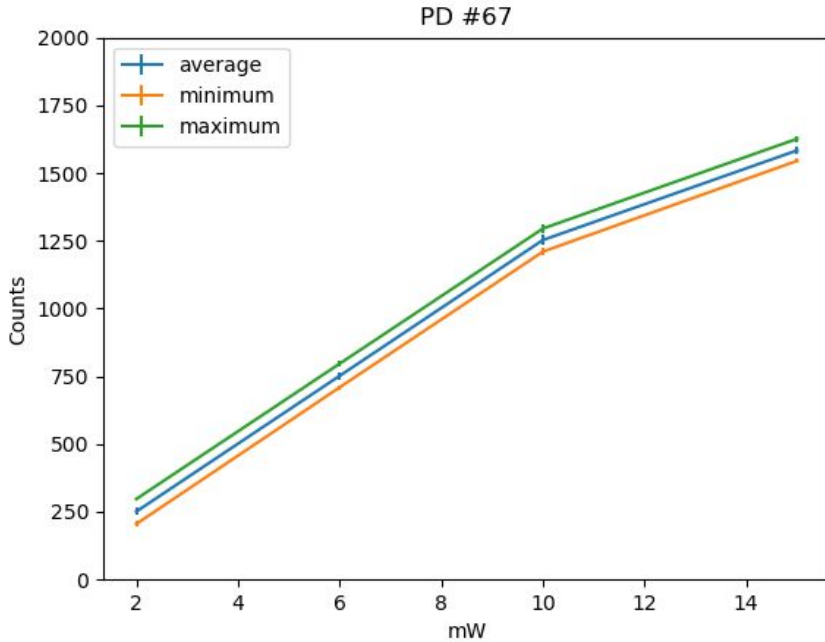
Missing PDs results from yesterday

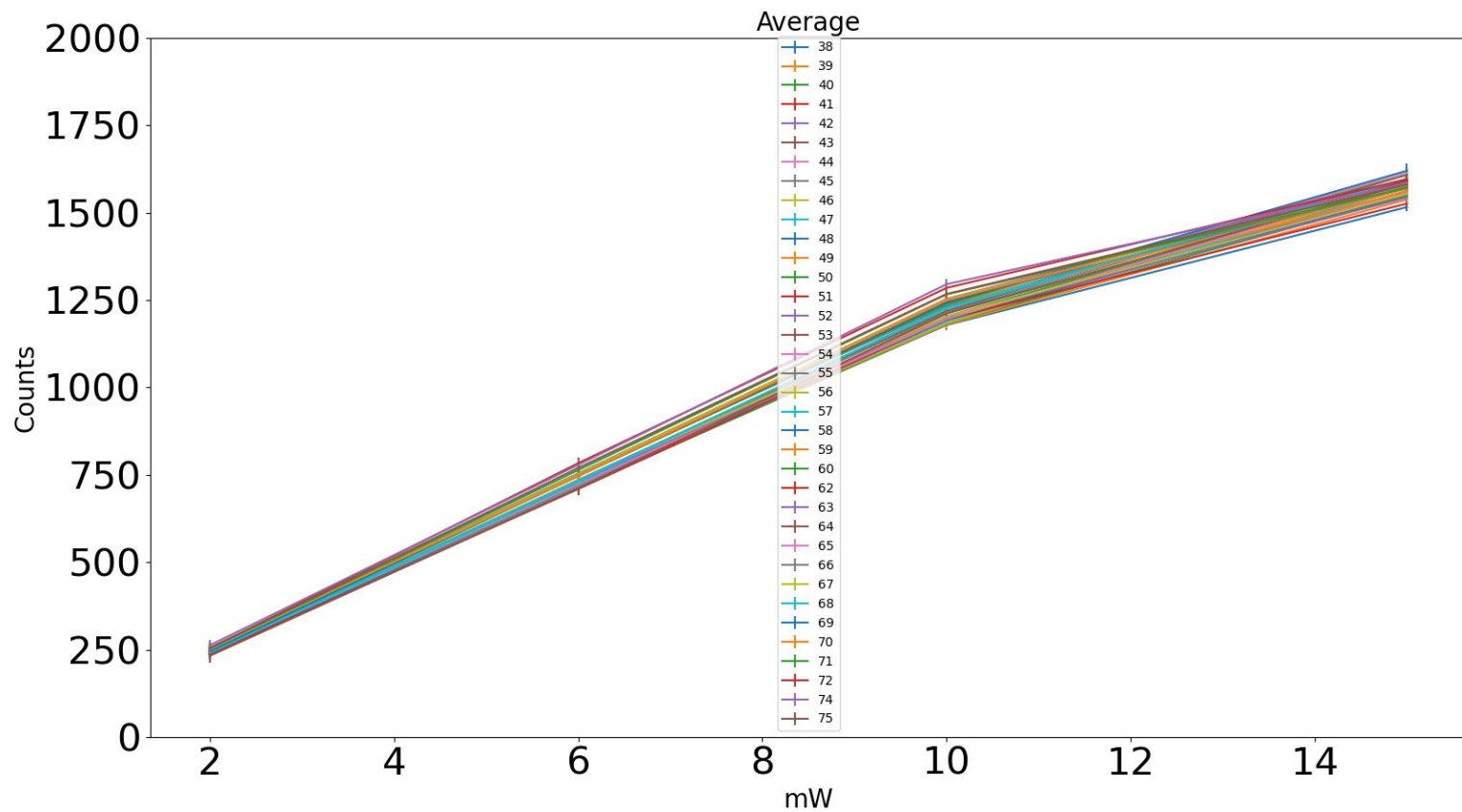Including them in yesterday's analysis (maximum variation is stil of 10%)
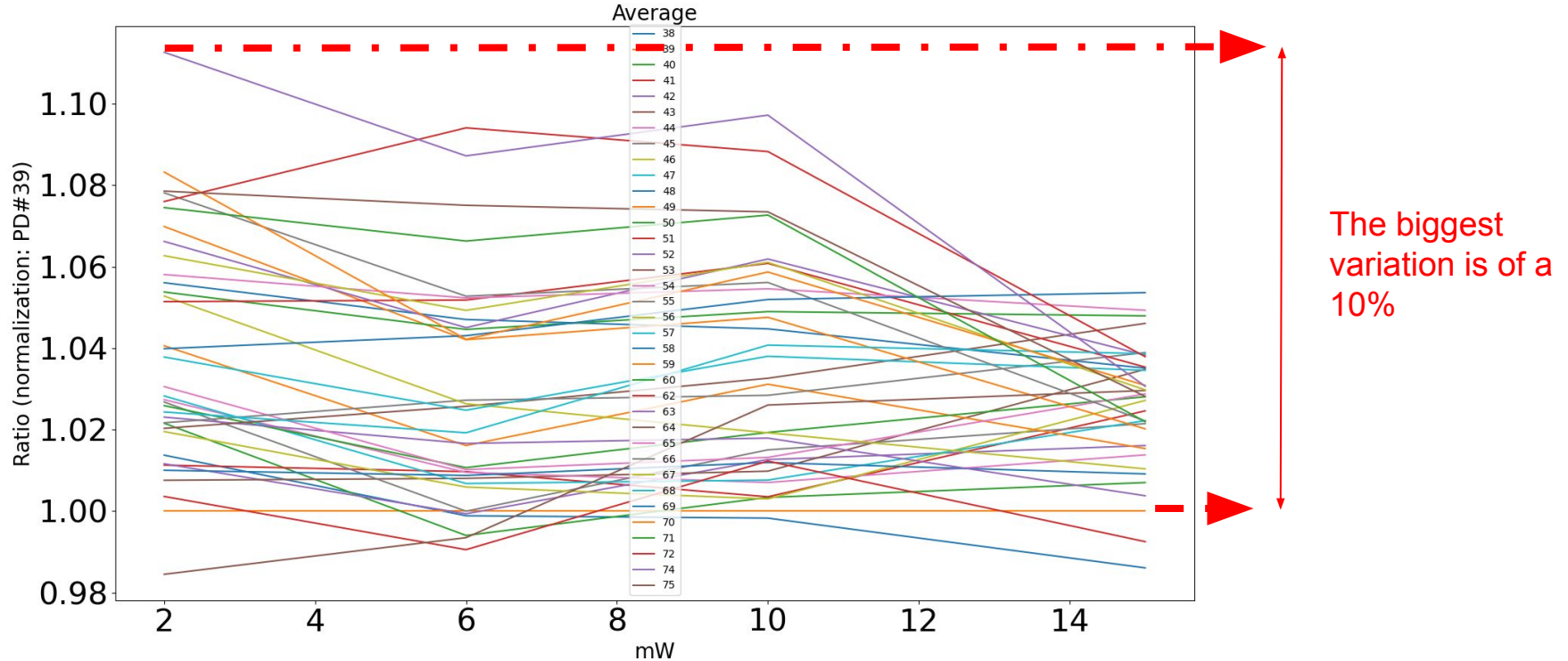
Average, minimum and maximum for each PD

All the other curves are similar and they can be found in [this link](#)

Averages of photosensors
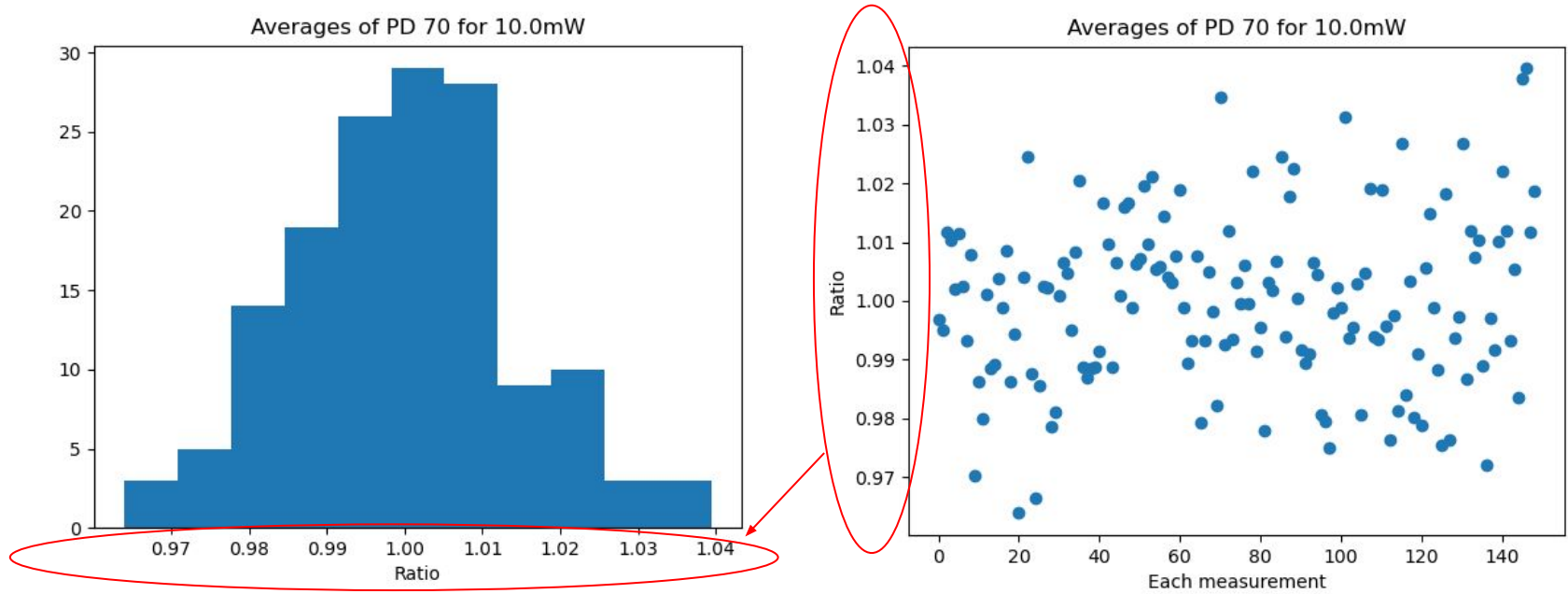
Averages of PDs normalized by the average of the PD#39

The biggest variation is of a 10%

Variations of the average for **<u>PD 70 and power 10mW</u>**

Averages of PD 70 for 10.0mW

Averages of PD 70 for 10.0mW

There's more dispersion than in measurements from other days

Background