**Week 4 Monday 10th Feb**

**Build**

The figures below summarize the experimental results over trials. LHS distribution of central wavelengths around the actual wavelength; RHS distribution of peak intensities

A picture containing text

Description automatically generated

The two distributions are uncorrelated with each other

A screenshot of a cell phone

Description automatically generated

**Build**

Remove outlier + interpolate + smooth. Without removing outliers, however, the interpolated and smoothed data looks like

|  |  |
| --- | --- |
| A picture containing object  Description automatically generated | A close up of a mans face  Description automatically generated |

The baseline should not be removed using the dark frame count, as this would only remove the dark current but not the bright current and any current induced by the temperature variation in the presence of the light [compare and plot this].