

The background features abstract, overlapping green geometric shapes in various shades, including light lime green, medium green, and dark forest green. These shapes are primarily located on the left and right sides of the slide, framing the central text.

HAWC Meeting April 13th 2018

Brendan Boyd

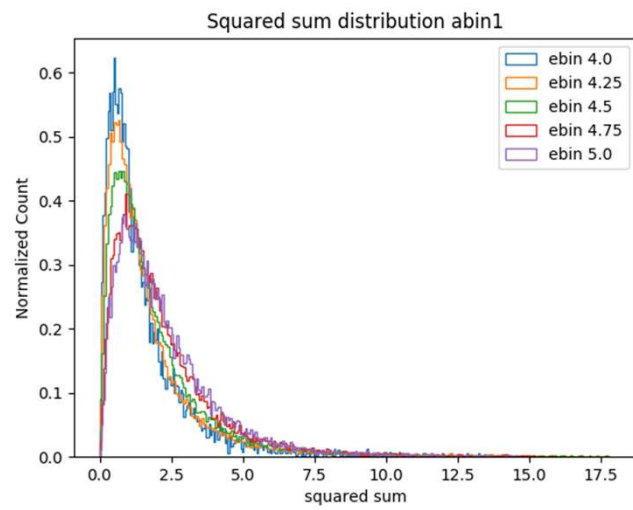
PCA

- ▶ Looked at distribution of squared sum when taking 5 components and 10 components
 - ▶ Distribution tails off fairly quickly in some cases
 - ▶ Might have to mess around with cut values
- ▶ Testing on Crab data?

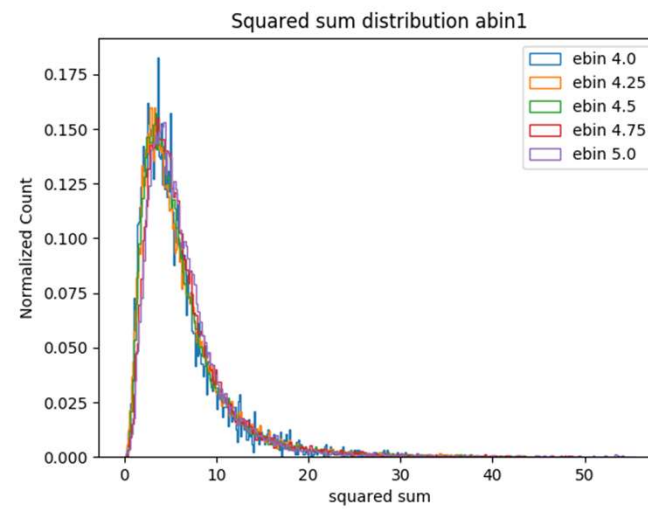


Abin1

► 5 components

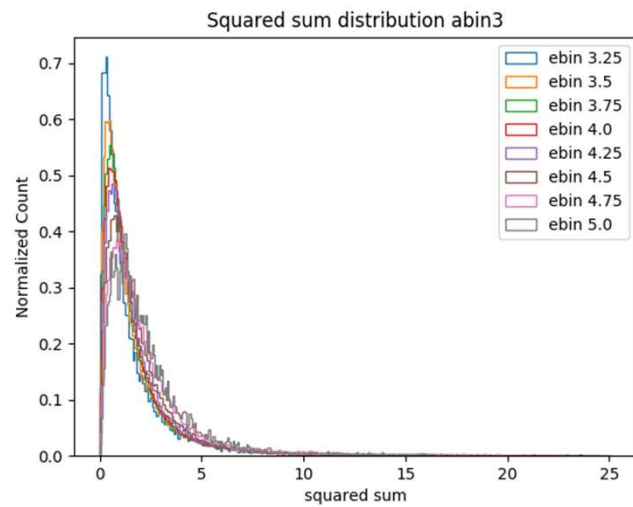


► 10 components

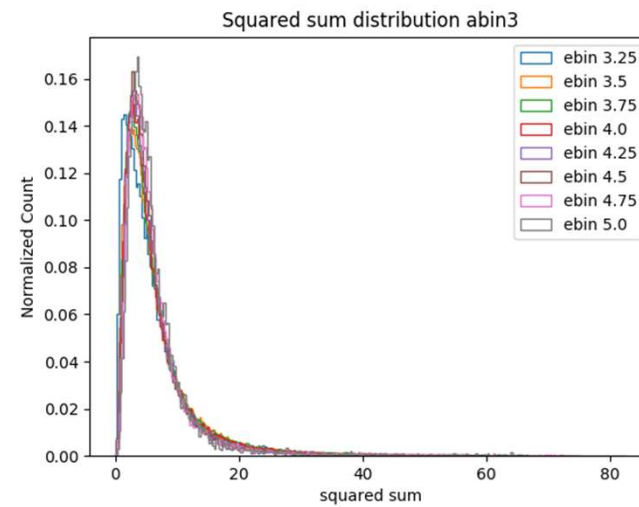


Abin3

► 5 components

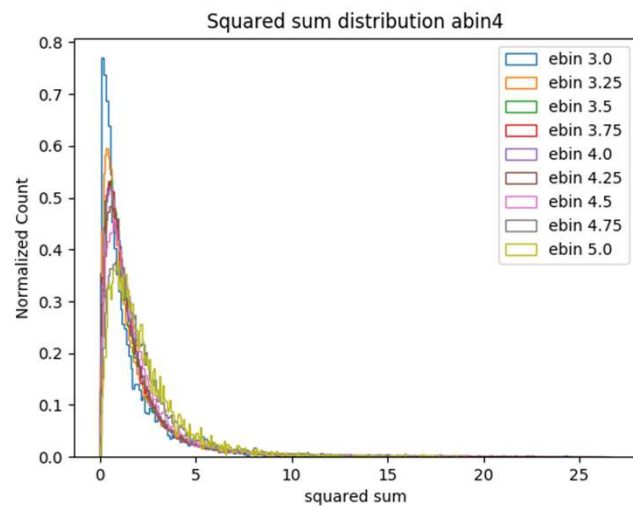


► 10 components

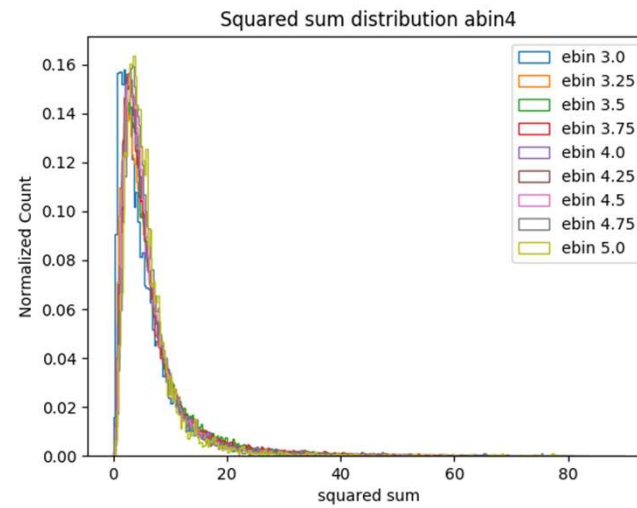


Abin4

► 5 components

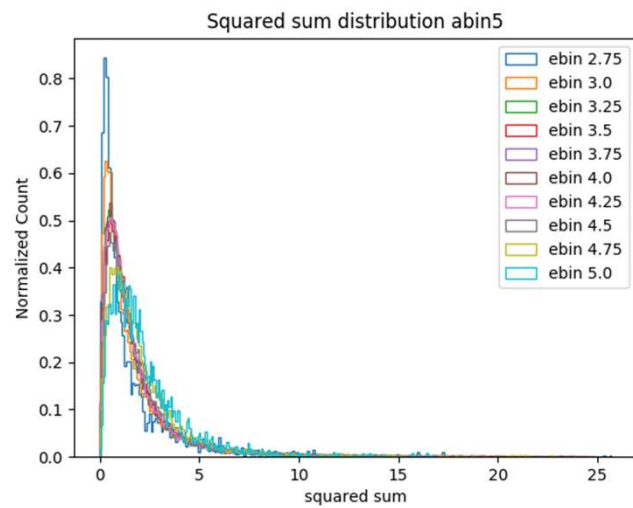


► 10 components

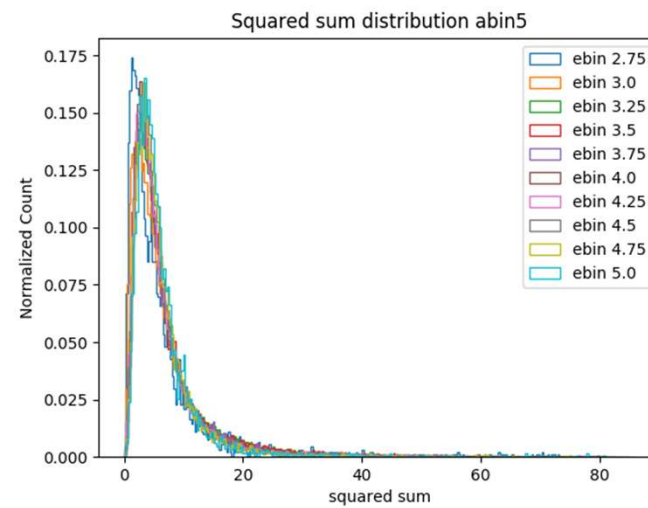


Abin5

► 5 components

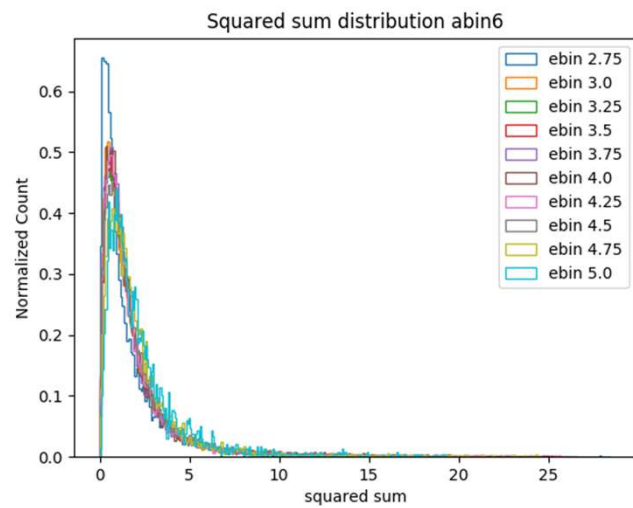


► 10 components

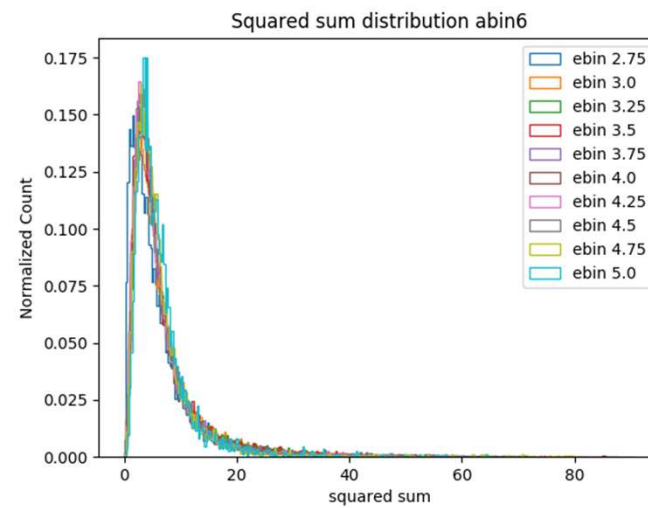


Abin6

► 5 components

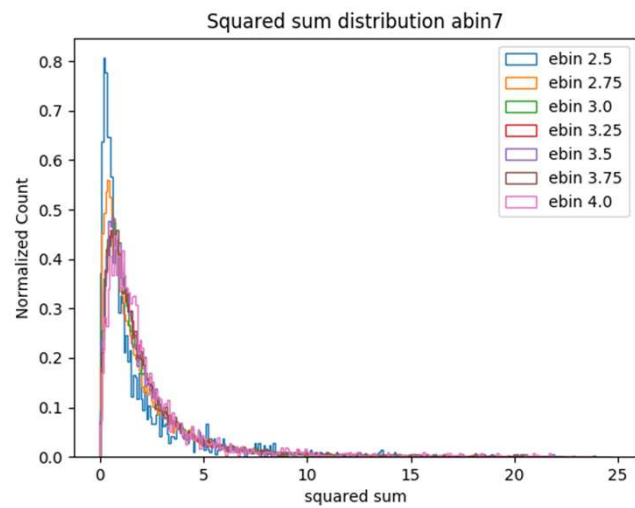


► 10 components

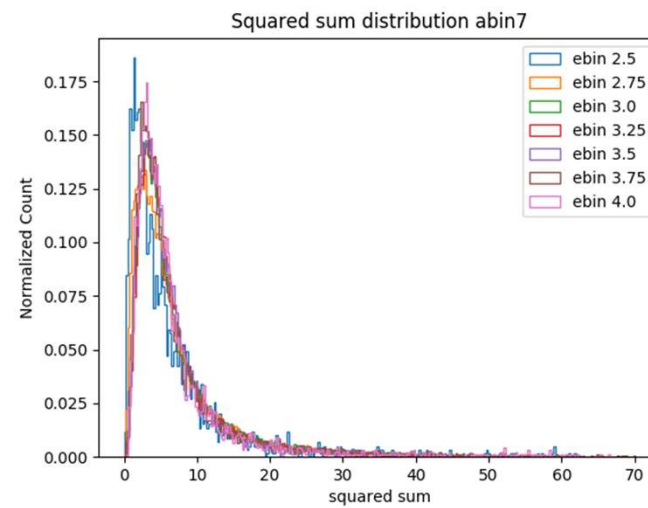


Abin7

► 5 components

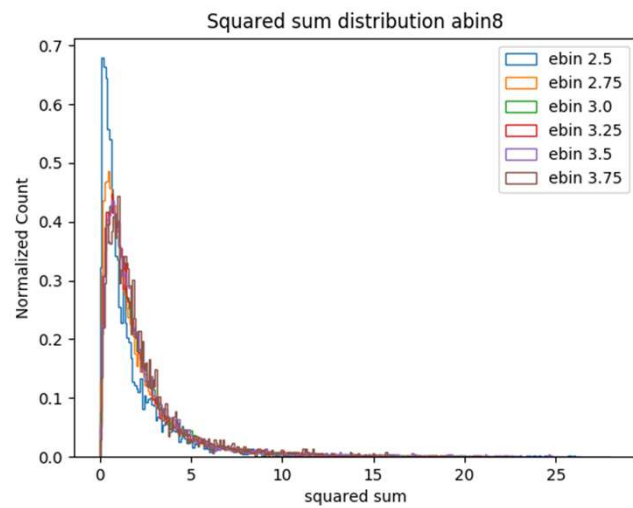


► 10 components

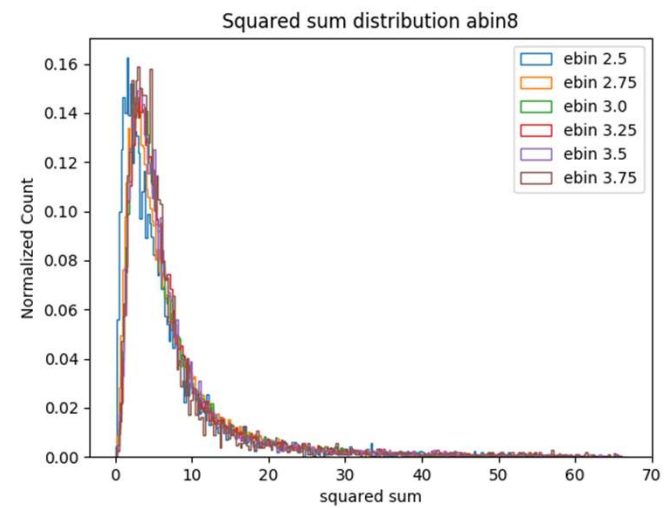


Abin8

► 5 components

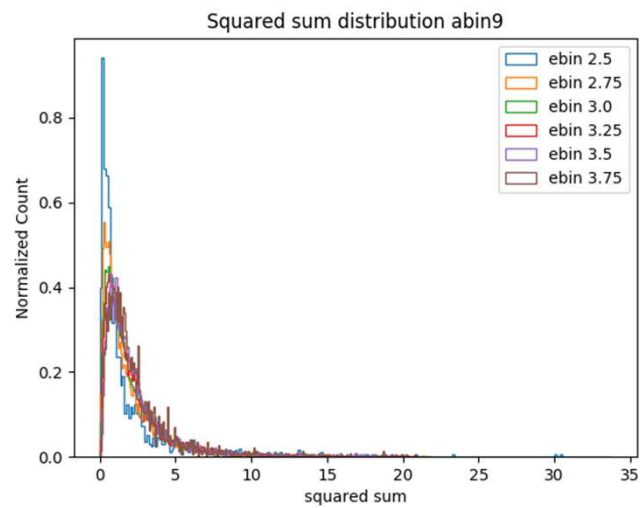


► 10 components

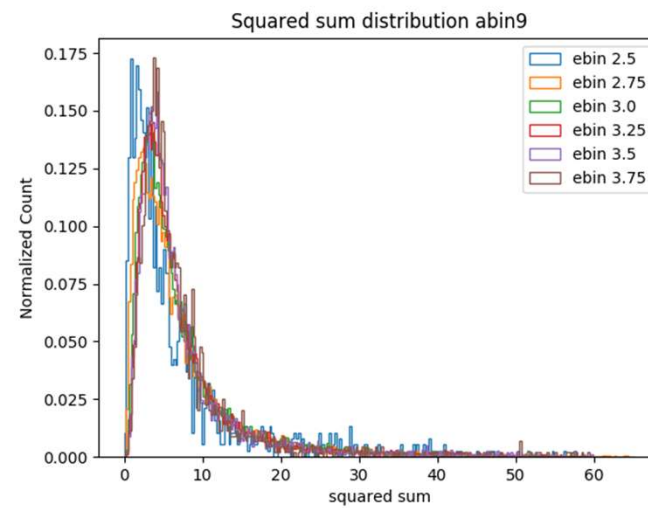


Abin9

► 5 components



► 10 components



Next Steps

- ▶ Determine a cut value
 - ▶ Cuts most of data (some threshold percentage)
- ▶ Start working with a test on the crab.
 - ▶ Apply usual cuts and see if this improves on them
 - ▶ Or just see how well it does on its own

