MIPAR™
Release Notes
2.2.0

Custom Binning

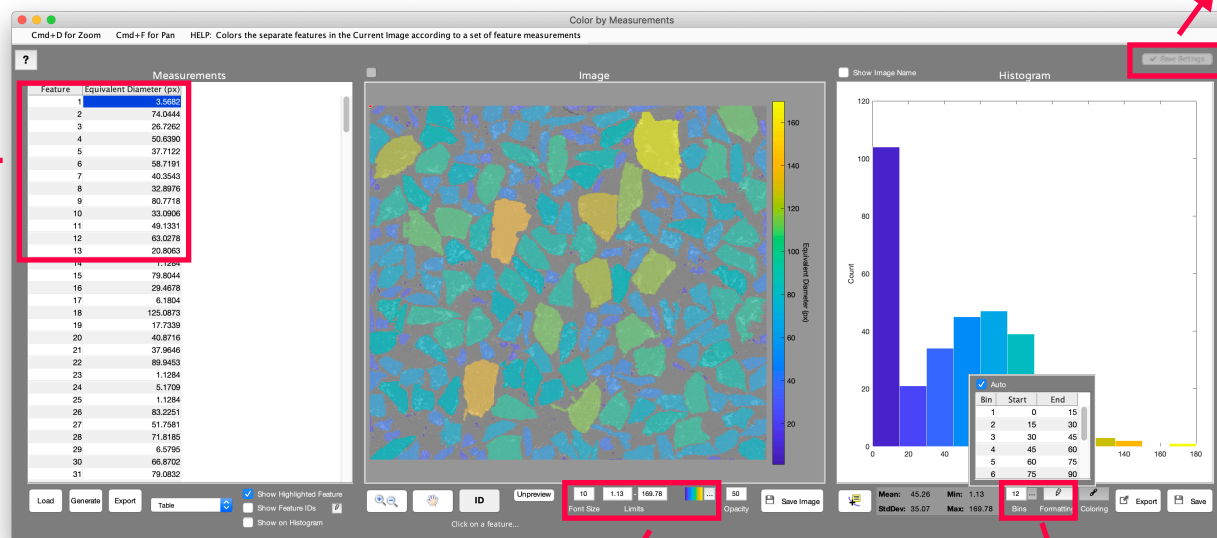**Now define your own bin ranges for histogram analysis just the way you want**

Available in *Color by Measurements* and *Histogram of Measurements*

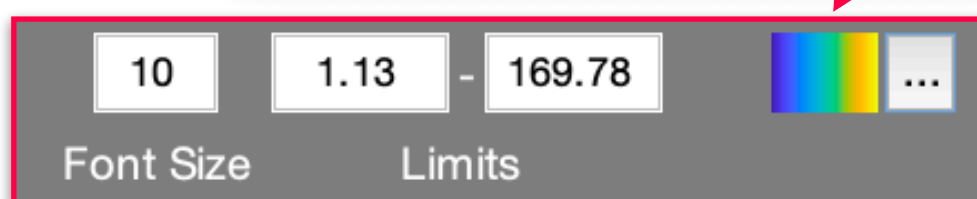## Saved Feature Measurement Settings

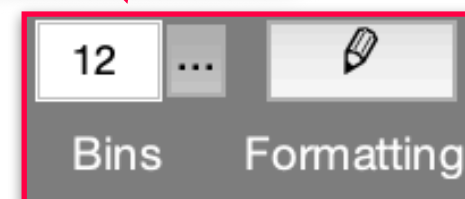**Key formatting settings now saved into the recipe for instant recall**

✔ Save Settings

Selected column

Color image settings

10	1.13 - 169.78
Font Size	Limits

Histogram settings

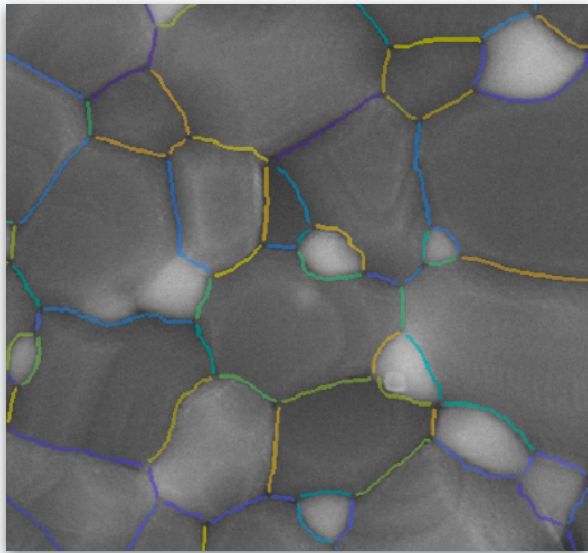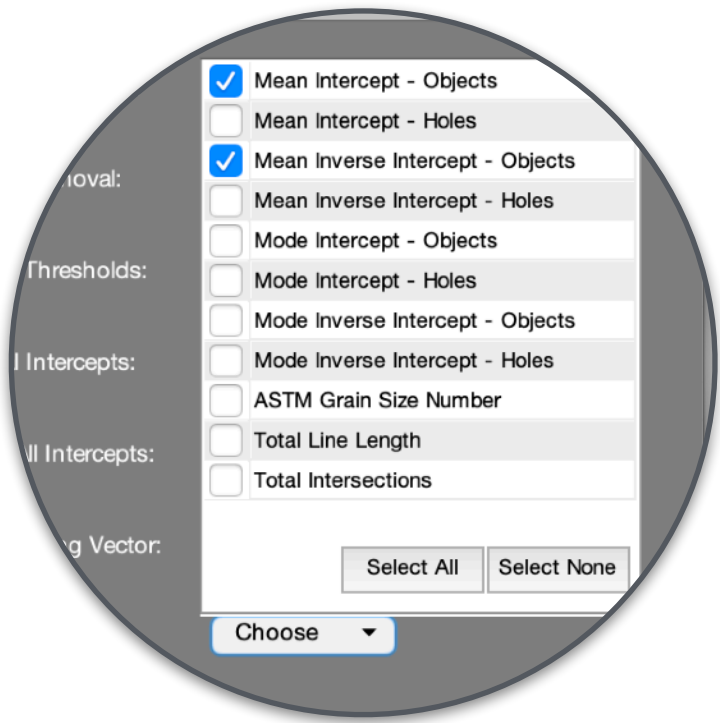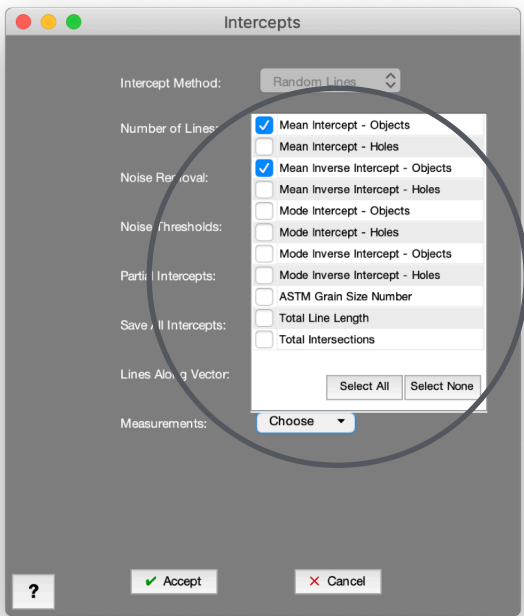| 12	...	🖉
Bins	Formatting	

Sum of Feature Measurements
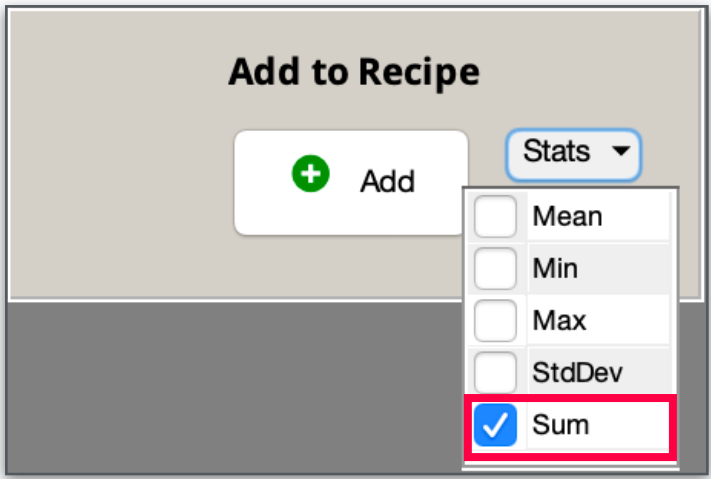
Add "Sum" as a feature measurement summary stat to the global report

Example: Total grain boundary length

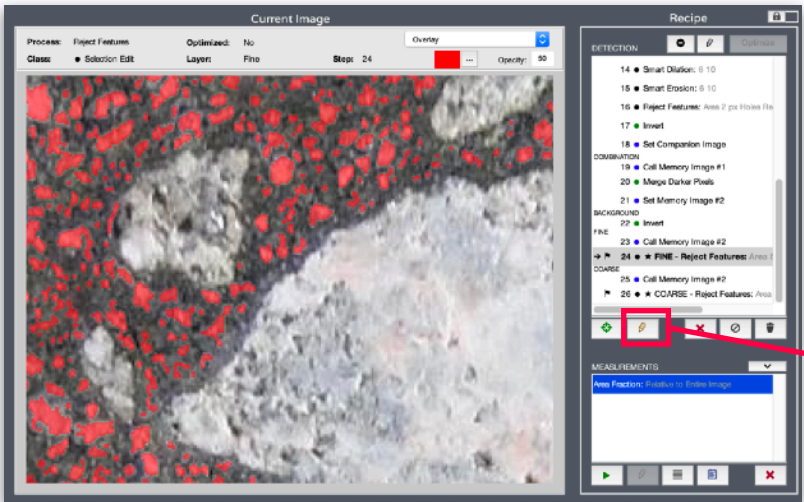| Layer	Sum Caliper Diameter (mm)
Boundaries	7.5413

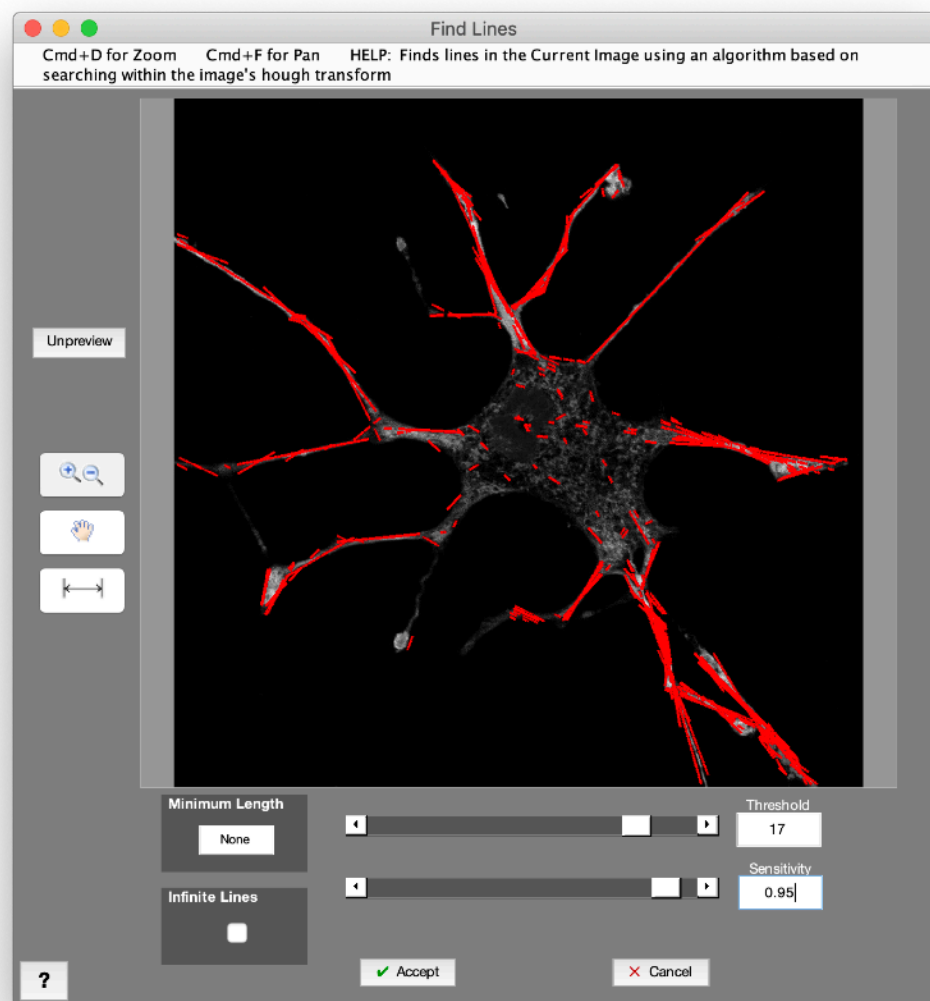# Specify Intercepts Measurements

Choose to report all or some of *Intercepts*' available measurements

Initial Preview Zoom

Preview windows now load with Current Image viewing area, so you can get right to editing

Find Lines

New function for detecting linear features

Examples:

- Detect branching features
- Find and correct linear artifacts
- Identify and remove scratches

More Gray Math Flexibility

Make Grayscale

New function to convert a Selection Image to grayscale

Allows any grayscale filter to be applied to binary selection

Add Value

New function to add a constant value to any grayscale image

Facilitates some highly customized, code-free algorithm development

Bug Fixes and Other Changes

- Several bug fixes and improvements
- Drag and drop Post Processor session files to open
- Scale factor auto adjusts when calculated from "Opened image" if *Resize Image* step present
- Password-locked Recipes now also lock measurement settings