

Using Selected Objects to Generate a Histogram for an Object

- Check the Histogram checkbox. **13** The histogram for the sampled object will be displayed below the display area **14** in a new Histogram tab **15** in front of the other statistics tabs.
- To generate the histogram statistics (intensity and count information) **16** click on the brain. **17**

Note that objects with the view disabled can accidentally be selected and sampled when using the Selected Object tool. Be aware when selecting an object to sample.

- The histogram information can be saved as a .CSV file by right-clicking and selecting Save Log. **18**

The screenshot shows the Neuro_MRI_Axial - Measure software interface. On the left, the 'Stats to View' panel has the 'Histogram' checkbox checked (13). Below it, a summary shows 'Name = Brain', 'Volume = 1248730.00 mm3', and 'Mean = 87.55'. The main display area (14) shows three MRI slices: Axial (17), Coronal (15), and Sagittal. A histogram (14) is displayed at the bottom right, showing intensity on the x-axis (0 to 251) and count on the y-axis (0 to 28715). A table (16) lists statistics for various slices and objects. A context menu (18) is open over the table with 'Save Log' selected.

Orient	Slice	Object	Intensity	Count
Coronal	119	Brain	240.00	0
Coronal	119	Brain	241.00	0
Coronal	119	Brain	242.00	0
Coronal	119	Brain	243.00	0
Coronal	119	Brain	244.00	0
Coronal	119	Brain	245.00	0
Coronal	119	Brain	246.00	0
Coronal	119	Brain	247.00	0
Coronal	119	Brain	248.00	0
Coronal	119	Brain	249.00	1
Coronal	119	Brain	250.00	0
Coronal	119	Brain	251.00	0
Coronal	119	Brain	252.00	0
Coronal	119	Brain	253.00	0
Coronal	119	Brain	254.00	0
Coronal	119	Brain	255.00	0