Subject: Re: Histogram: Normalised Occurrence Frequency
Posted by pgrigis on Thu, 28 Feb 2008 15:50:27 GMT

hazel wrote:
> Hi All,
>
> I want to plot a histogram where the number of samples in each bin are
> normalised by the total number of samples across all bins.
>
> Currently I use David's 'HISTOPLOT' and the REVERSE_INDICIES keyword
> to get the indicies in each bin. Then Jaco's HISTOBIN to count these
> for each bin.

n_elements(your_input) is the total number of samples (unless you have
NANs as missing elements, in that case you may have to use the finite
function to find out
the number of non-NANs)

Paolo

>
> Then I normalise the bin totals and have to plot number of bins vs.
> normalised values using Plot and Psym=10.
>
> Is there an easier way to do this? Also how would I use HISTOPLOT to
> replot this normalised hist as I can't seem to get it to work.
>
> Thanks,
>
>
> Hazel