Subject: Re: re-binning with linear interpolation Posted by penteado on Wed, 01 Jun 2011 16:58:47 GMT

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Just keep in mind that spectra are one of the cases where typically what would be of interest when downsampling is not to have points that "fall on the original line", as show in David's plot. It may be points that preserve the same area under the curve. Like the difference between a downsampled curve and one convolved with a kernel (which brings the additional question of which kernel to use).