

Re: How to identify flat (even) distributions?

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- *From:* Steve555 <foursheds@xxxxxxxxxxxxxxxx>
 - *Date:* Wed, 10 Dec 2008 09:05:04 -0800 (PST)
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On 10 Dec, 16:50, illywhacker <illywac...@xxxxxxxx> wrote:

On Dec 10, 5:27 pm, Steve555 <foursh...@xxxxxxxxxxxxxxxx> wrote:

Hi

If I have 1000 people and their opinion ratings for, say, 100 songs each (on a scale 1-10) How do I test for those users that have rated 10 1s, 10 2s, 10 3s etc i.e. a flat distribution?

I know I can use standard deviation to spot those that tend to give the same rating, or polar extremes, but there's nothing uniquely identifiable about the SD for these 'flat' users.

Except that they have standard deviation zero, if I have understood your notation 10 1s, 10 2s, etc., which you did not explain.

illywhacker;

They have given 100 scores: 10 of each possible score from 1 to 10 = 100

sum = 550, mean = 5.5 SD = 2.525

The problem is that any number of distributions could have that SD, it doesn't uniquely identify a flat distribution.

Sorry for lack of clarity; when naming the subject of this question I was trying to think of synonyms for flat/even/level... is there an accepted term for this that statisticians recognize?

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