

comparing ratios

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Any help on the following much appreciated, please:

I have 6 ratios such as:

Ratio 1) 0.056 : 0.088 : 0.075 : 0.122 : 0.119 : 0.116 : 0.060 :
0.086 : 0.094 : 0.185

Ratio 2) 0.081 : 0.117 : 0.079 : 0.090 : 0.117 : 0.103 : 0.089 :
0.094 : 0.083 : 0.148

Ratio 3) – 6) etc.....

i.e. All ratios have 10 parts; all parts add up to 1.

I am interested in the difference between each ratio i.e.

Is ratio 1 significantly different from ratio 2?

In the wider group of 10 ratios, which are more similar; which are more different (i.e. looking for patterns of similar versus different ratios).

What test do I need to run for this?
(I am using SPSS).

Many thanks in advance for your help
Claire

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