Title: A Novel Algorithm for Quantifying Point-Pattern Disorder, With Applications to Differentiation of Planted and Natural Tree Stands

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**Abstract:** The abstract should be 100-125 words, and organized in this structure: An opening sentence that sets the question that you address and is comprehensible to the general reader, background content specific to this study, results, and a concluding sentence. It should be a single paragraph.

**One Sentence Summary:** A brief teaser statement highlighting main result of the paper, understandable by a scientist not in your field, without jargon or abbreviations. This will appear online adjacent to the title and should not repeat phrases already present there. Please keep to under 125 characters.

**Main Text:** In general, this should include a brief (1-2 paragraph) introduction, followed by a statement of the specific scope of the study, followed by results and then interpretations. Please avoid statements of future work or claims of priority, and avoid repeating the conclusions at the end.

**Subheadings** (“Results”, “Discussion”, or more specific subheadings, but not a leading “Introduction”) may be included in Research Articles or Reviews and should be brief, set off by a line break and formatted in bold face. Reports should not have subheadings.

All Figures and Tables should be cited in order, including those in the Supplementary Material (which should be cited as, for example, “Fig. S1”, and “Table S1”). You may include line or page breaks if you would like to place the figures within the text near where they are referenced. Please do not place figures in text boxes.

References should be cited in parentheses with an italic number (*1*). Multiple reference citations are separated by commas *(2, 3)* or if a series, dashes *(4-6)*. References are cited in order by where they first are called out, through the text, captions, and then the supplementary material.

Equations can be included. We do not recommend using the native Word 2007, 2008, 2010, or 2011 equation editor. This can in some cases produce less reliable MathML, the online markup language we use, which may result in display errors. Instead, use the legacy equation editor in Word (Chose Insert > Insert Object > Word Equation) or use Mathtype (recommended). If you enter equations in simple LaTeX, check that they will convert accurately (Word 2007 and higher can convert simple LaTeX equations).

References and Notes:

1. There is only one reference list including all references in the text, Figure and Table captions, and Supplementary Material. Do not include a second reference list in the Supplementary Material. References only cited in the Supplementary Material are not counted toward length guidelines.
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Supplementary Materials:

Materials and Methods

Figures S1-S#

Tables S1-S#

Movies S1-S#

Audio Files S1-S#

External Databases S1-S#

References (*##-##*)

**Fig. 1.** The figure caption should begin with a short descriptive statement of the entire figure followed by additional text. Captions should be immediately after each figure. Figure parts are indicated with capital letters (A). If you prefer, you can place both figures and captions logically throughout the text near where they are cited rather than at the end of the file (but not both). If a paragraph in the main text begins with the name of a figure, write out “Figure” in full (e.g., <para>“Figure 1 shows….”)

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