

PeerJ

Using lidar to assess the development of structural diversity in forests undergoing passive rewilding in temperate Northern Europe

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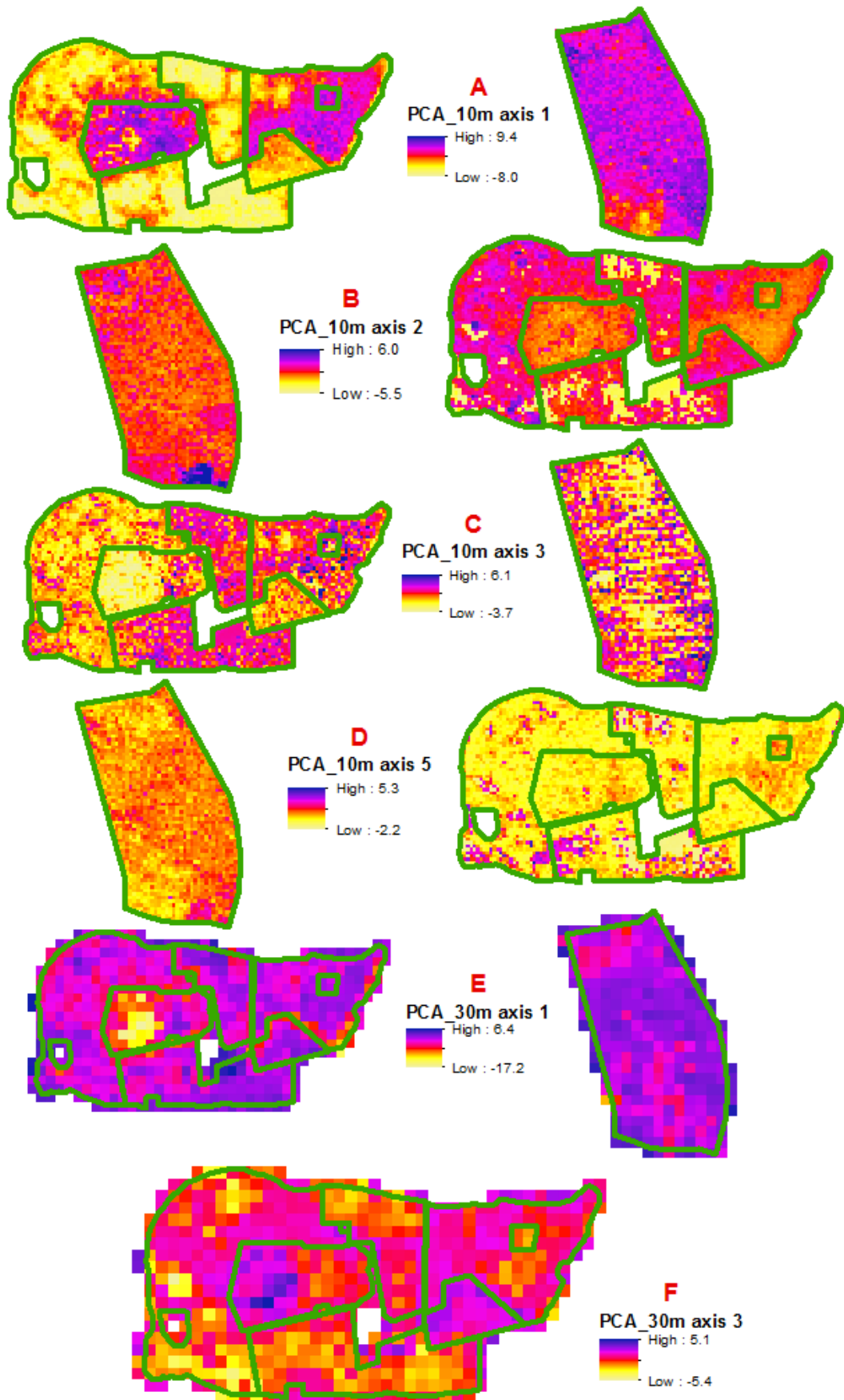


Fig. S2. Maps of selected gradients expressed by axes of PCA_10m and PCA_30m. A: Axis 1 of PCA_10m, Vorsø to the left and Sten_M/O to the right. B: Axis 2 of PCA_10m, Sten_M/O to the left and Vorsø to the right. The highest values are for cells containing blackthorn (Vorsø) and spruce (Sten_M/O). C: Axis 3 of PCA_10m, Vorsø to the left and Sten_M/O to the right. Extremely low values are seen in the V_O1 as a result of a long-term intermediate disturbance in the old oak forest. D: Axis 5 of PCA_10m, Sten_M/O to the left and Vorsø to the right. Common patterns are seen in the V_Y1 and V_Y2 despite both medians and variance being significantly different on this axis. E: Axis 1 of PCA_30m, Vorsø to the left and Sten_M/O to the right. The unique heterogeneity of the V_O1 is indicated by the extremely low values. F: Axis 3 of PCA_30m shown for Vorsø. Cells with extreme low values indicate a unique structure composed by gaps, scrub and older trees and is limited to the V_M1. Low values in general point out transition zones between gaps and vegetation. Even though V_M2 and Sten_M/O are tested to have evolved different vegetation structure, these maps show that the parts of V_M2 that had a fast colonization of *Acer platanous* are overall similar to Sten_M/O.