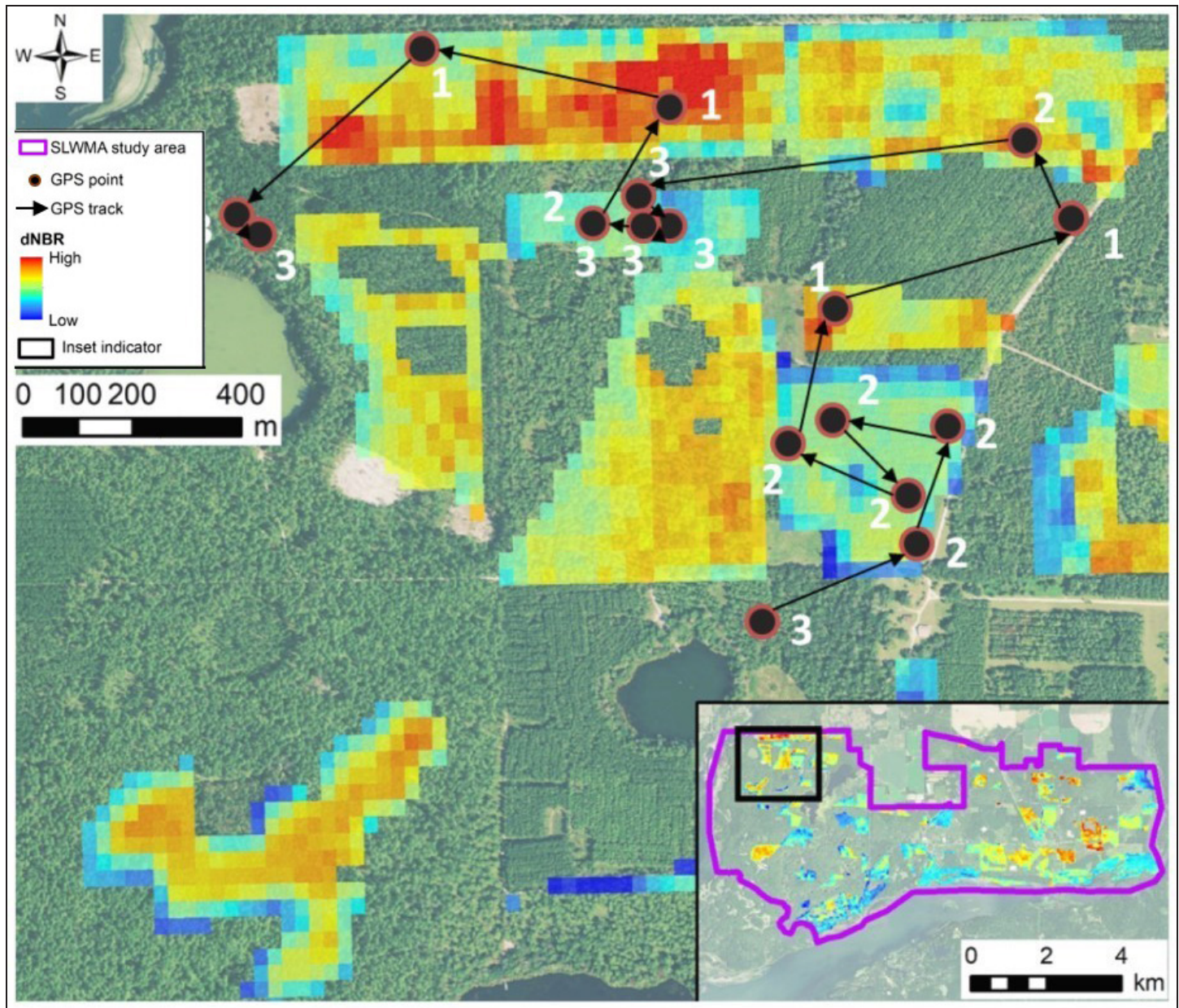




Additional file 2 Example of behavioral states assigned to an individual's GPS track inside and outside a burned area. Data were collected from GPS-tagged wild turkeys at Silver Lake Wildlife Management Area in Georgia (SLWMA), USA, between 1 March and 31 July, from 2014 to 2017. To assign behavioral states, we used behavioral change point and *k*-means clustering analyses. All locations for an individual's track were assigned a behavioral state based on velocity and relative turn angles, and then locations inside burned areas and their associated values of burn severity (dNBR), burn heterogeneity (variance dNBR), distance to unburned stand, and time-since-fire were extracted for analyses. Results of our behavioral change point analysis determined that turkeys engaged in three behavioral states, for which we assigned 1 = walking, 2 = foraging, and 3 = loafing. Black dots with brown edges are GPS relocations of a single adult female wild turkey located on SLWMA (entire site shown on bottom right of figure).