

Supplementary Figures

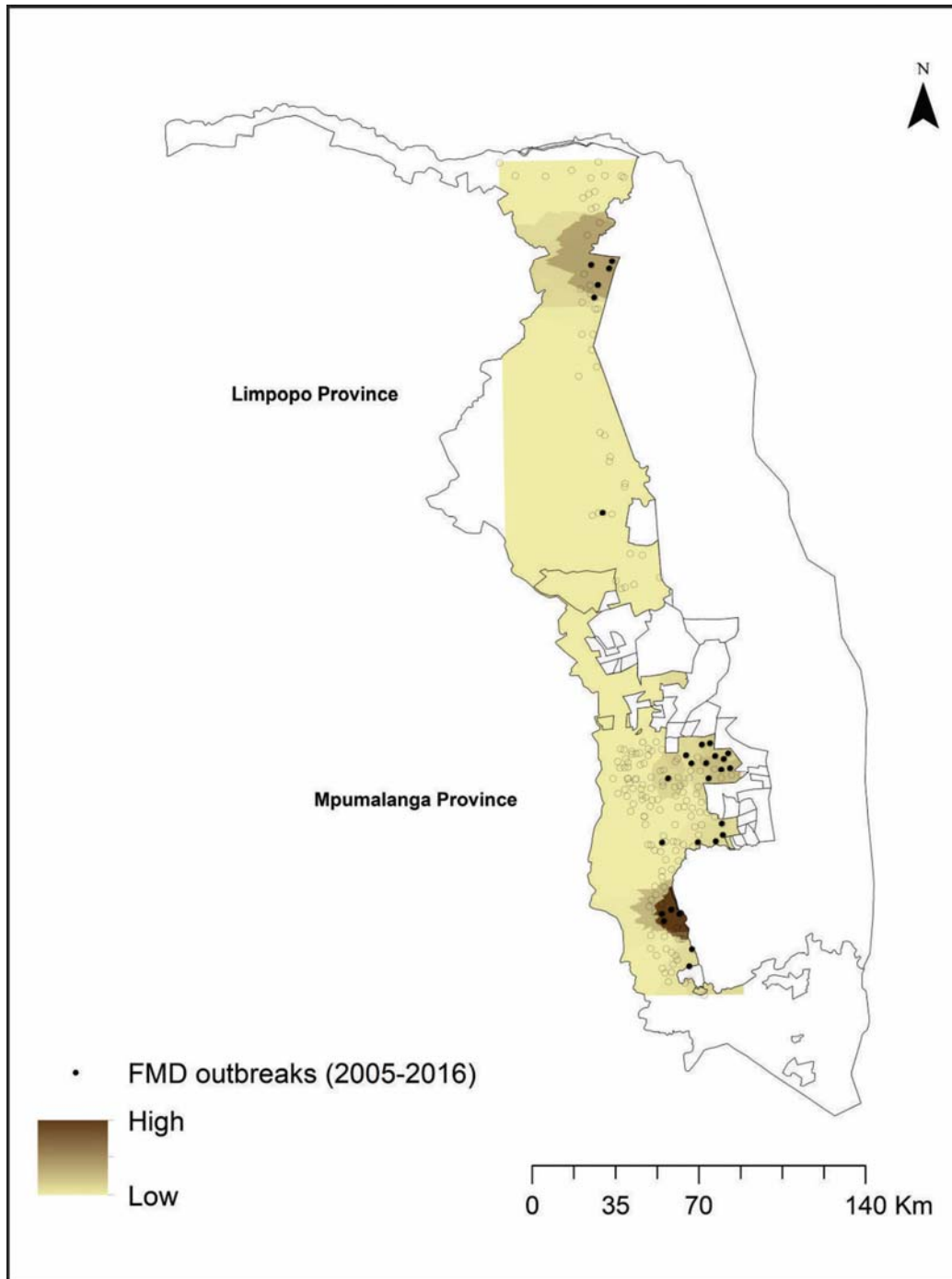


Figure S1: Interpolated foot-and-mouth disease cumulative incidences of cattle disease for 2006-2016 outbreaks in the protection zone with vaccination of South Africa (no outbreaks occurred during 2005)

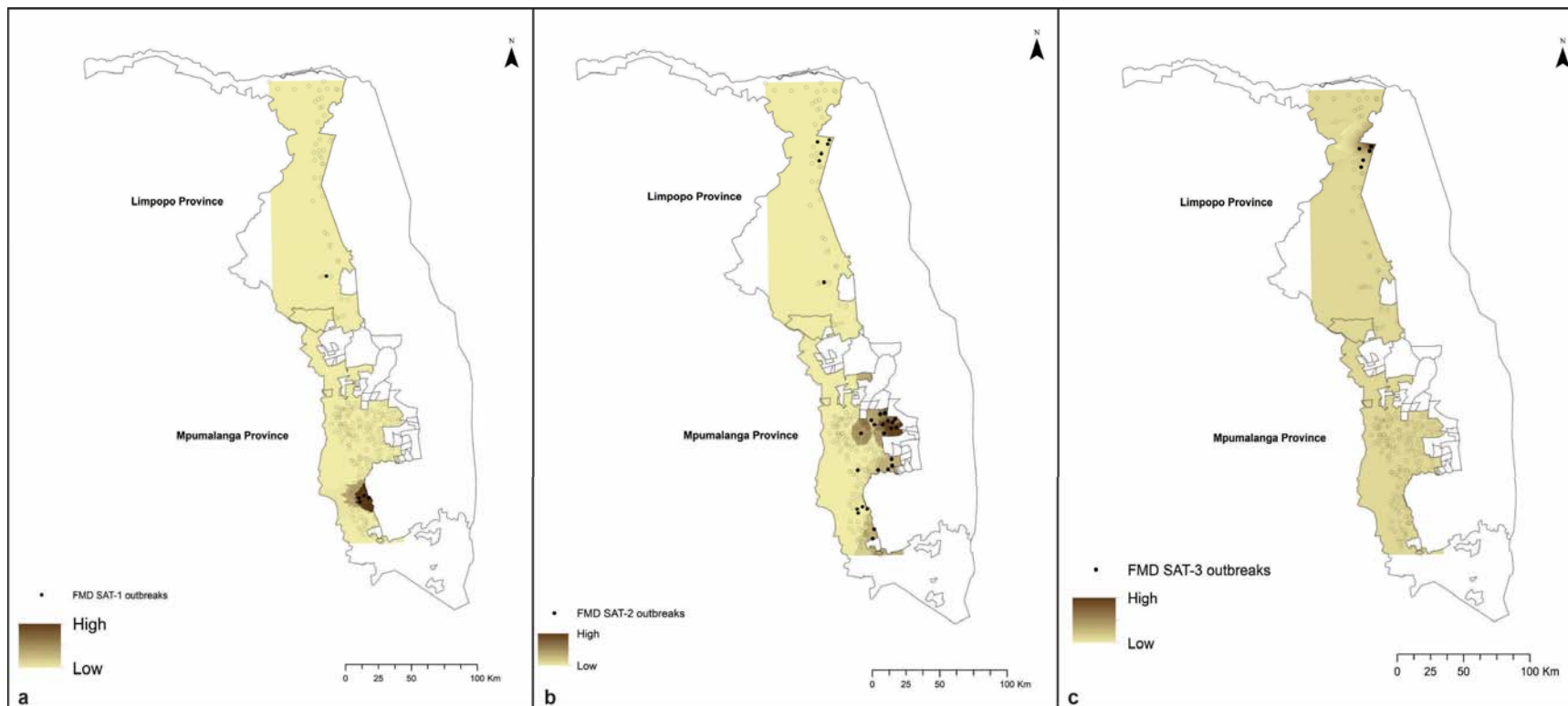


Figure S2: Interpolated foot-and-mouth disease cumulative incidences of cattle disease for 2005-2016 SAT 1 (a), SAT 2 (b), and SAT 3 (c) outbreaks in the protection zone with vaccination of South Africa (no outbreaks occurred during 2005)

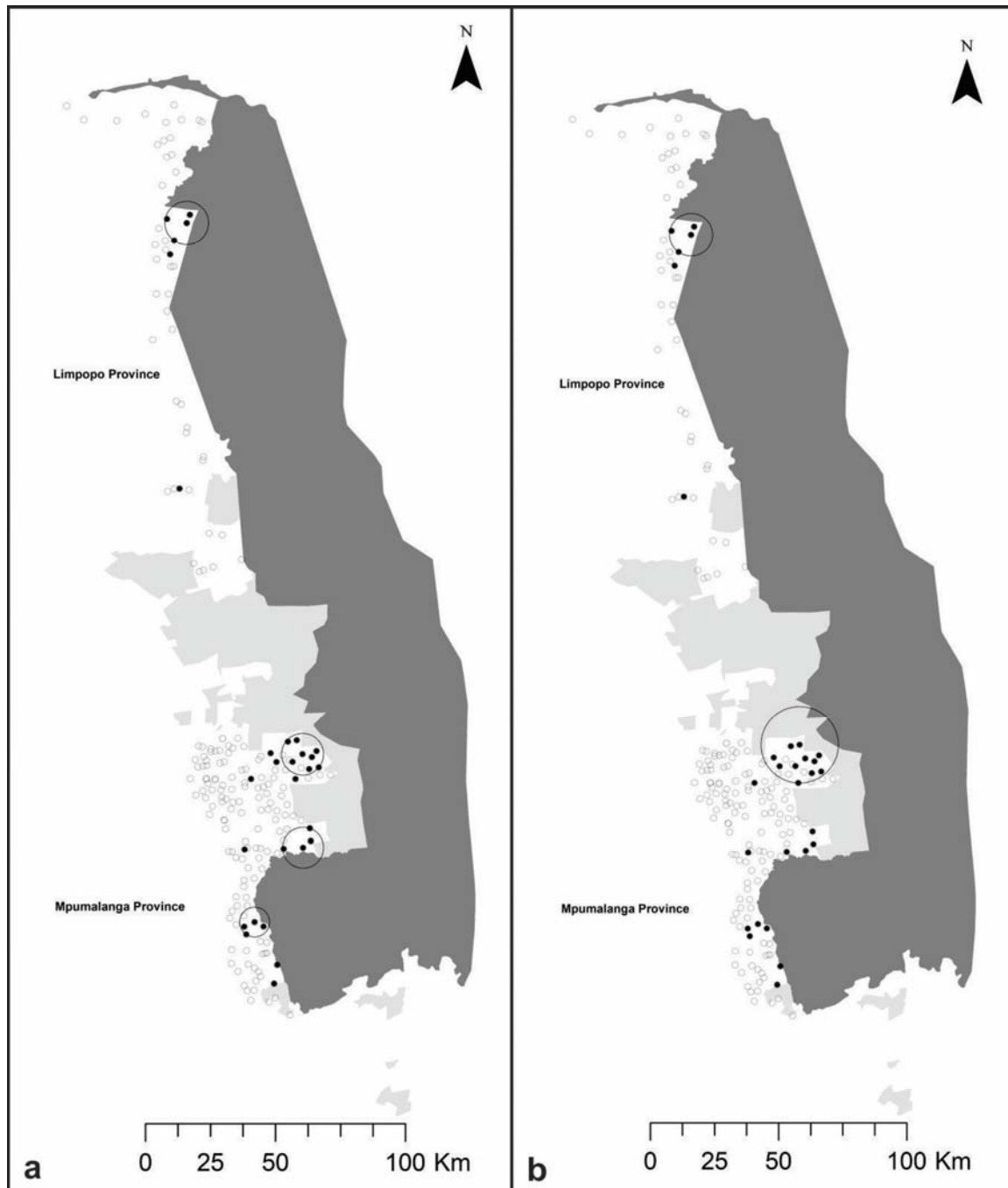


Figure S3: Space-time (a) and purely spatial (b) high-rate clusters of foot-and-mouth disease outbreaks in cattle (2005-2016) within the protection zone with vaccination of South Africa