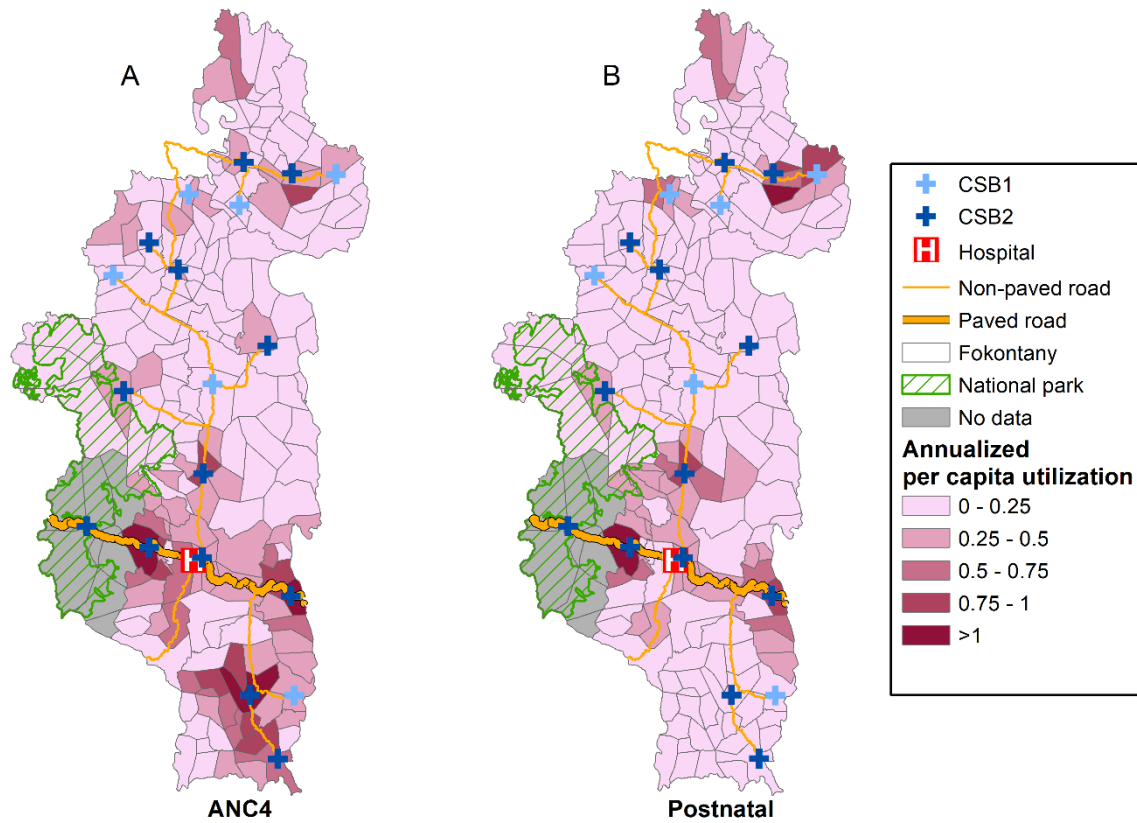


Additional file 1: Spatial variation in maternal care indicators (ANC4 and postnatal visits), from health system data. Annualized per capita utilization out of expected pregnant women, estimated as the fokontany average from data of all health centers. A) ANC4, and B) Postnatal care.



Additional file 2: Spatial variation in maternal care indicators (ANC4 and postnatal visits), from cohort data. Percentage of pregnant women included in each of 80 clusters in cohort surveys (black circle) who accessed each maternal care service, with values interpolated using inverse distance weighted interpolation. A) ANC4, and B) Postnatal care.

