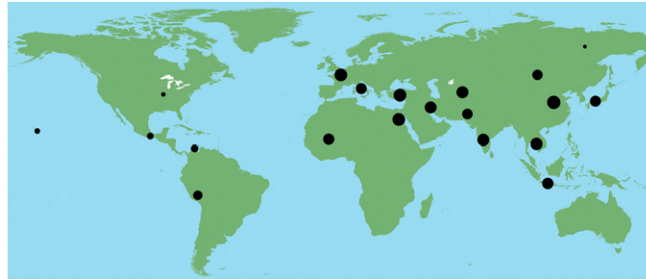


# Supporting Information

Turchin et al. 10.1073/pnas.1708800115



**Movie S1.** The dynamics of social complexity through space and time. PC1 values mapped to our 30 NGAs for the time periods for which we have data. Larger dots indicate larger PC1 values (i.e., higher social complexity). Data presented in this video reflect the state of the database in March 2017.

[Movie S1](#)

**Dataset S1.** Information on complexity characteristics (CCs) for each NGA over time for twenty replicates of the multiple imputation procedure

[Dataset S1](#)

CapPop, capital population; infrastr, infrastructure; levels, hierarchical levels; irep, number of multiple imputation replicate; NGA, natural geographic area; PolID, shortened polity name; PolPop, polity population; PolTerr, polity territory; Time, starting date from which CC data applies; writing, information systems.

**Dataset S2.** Values for PC1 for each NGA over time for twenty replicates of the multiple imputation procedure (V1-20)

[Dataset S2](#)

NGA, natural geographic area; PolID, shortened polity name; Time, starting date from which CC data applies.

## Other Supporting Information Files

[SI Appendix \(PDF\)](#)