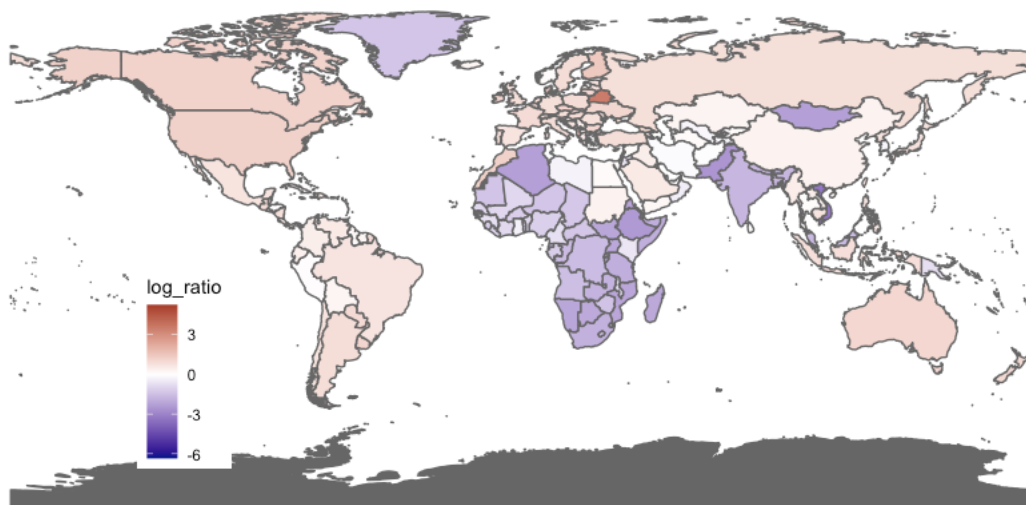
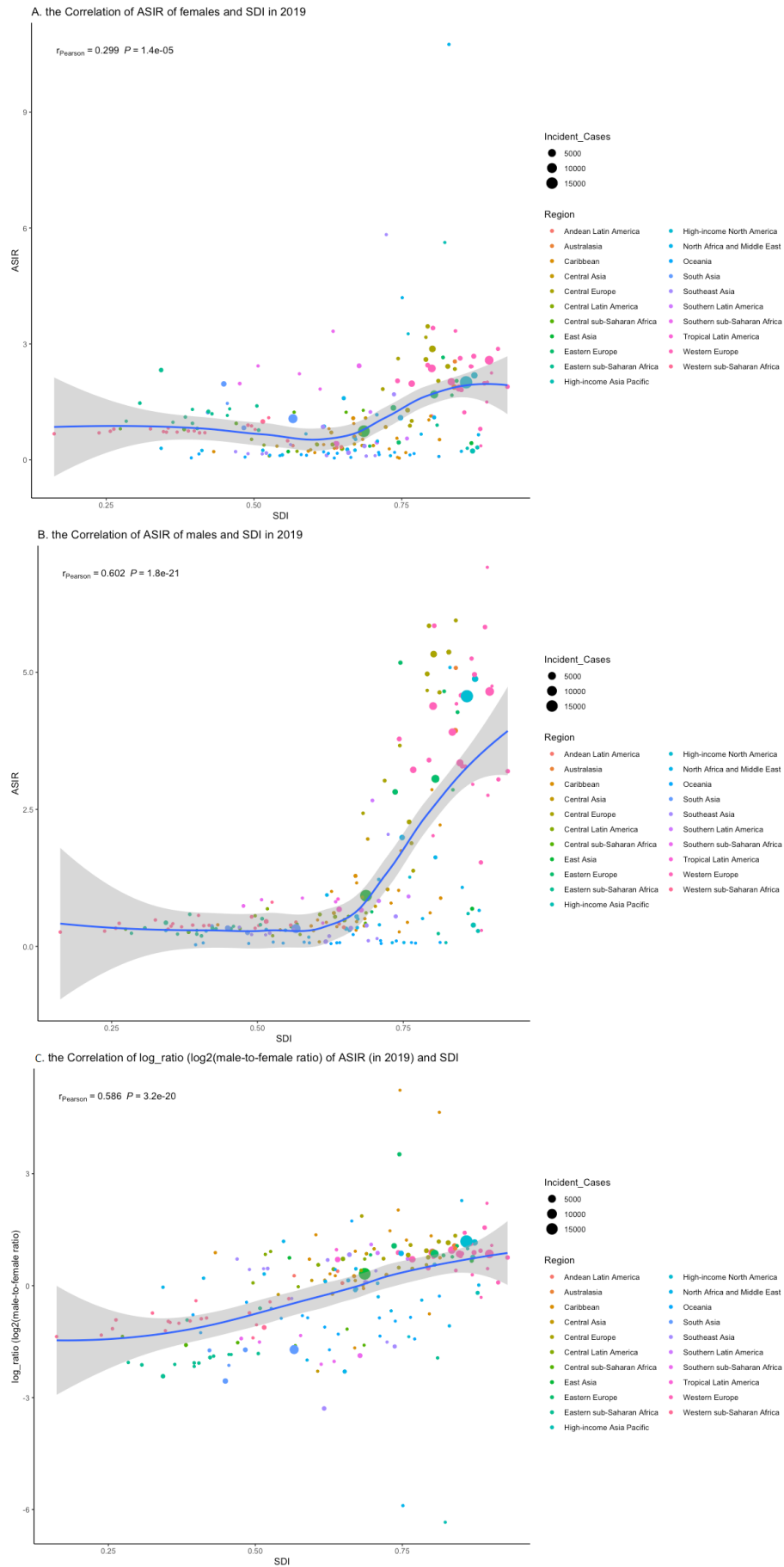


Supplementary Figure S1. The incidence rates of different SDI quintiles by gender and age groups in 2019: (A) The incidence rates of high SDI quintiles, (B) The incidence rates of high middle SDI quintiles, (C) The incidence rates of middle SDI quintiles, (D) The incidence rates of low middle SDI quintiles, (E) The incidence rates of low SDI quintiles (SDI, socio-demographic index).

The log_ratio ($\log_2(\text{male-to-female ratio})$) of age-standardized incidence rates in 204 countries and territories.



Supplementary Figure S2. Map of the log_ratios ($\log_2(\text{male-to-female ratio})$) of ASIRs by country and territory in 2019 (ASIR, age-standardized incidence rate).



Supplementary Figure S3. The correlation between EAPCs of (A) ASIR of females, (B) ASIR of males and (C) the log_ratios (log2(male-to-female ratio)) of ASIRs from 1990 to 2019 and SDI in 2019 (ASIR, age-standardized incidence rate).