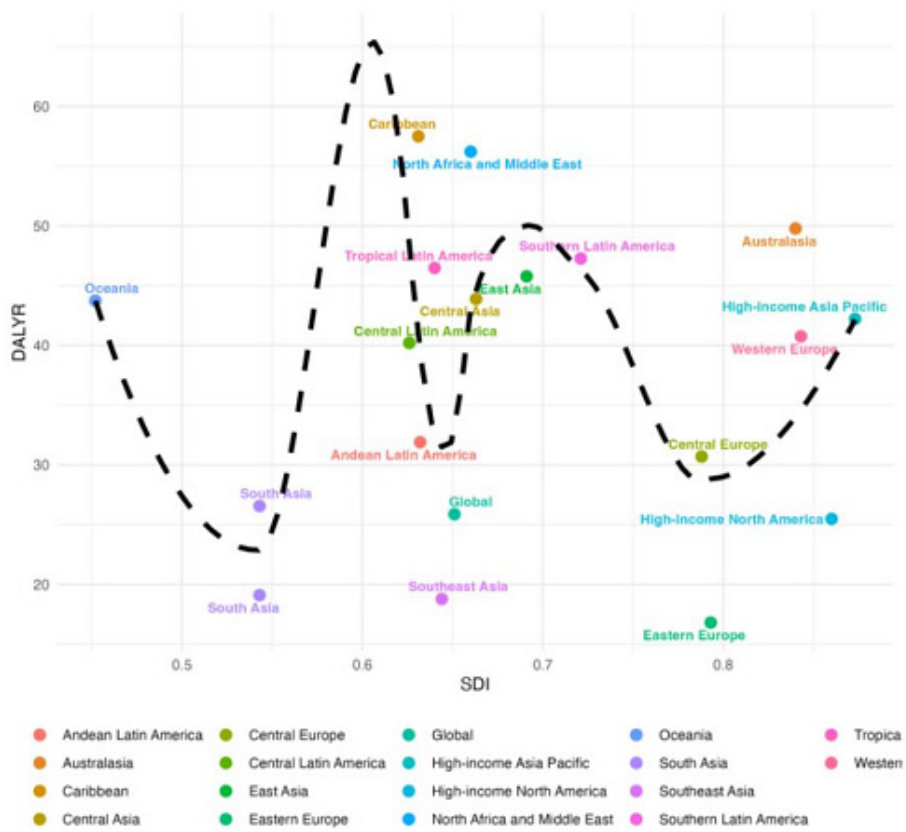
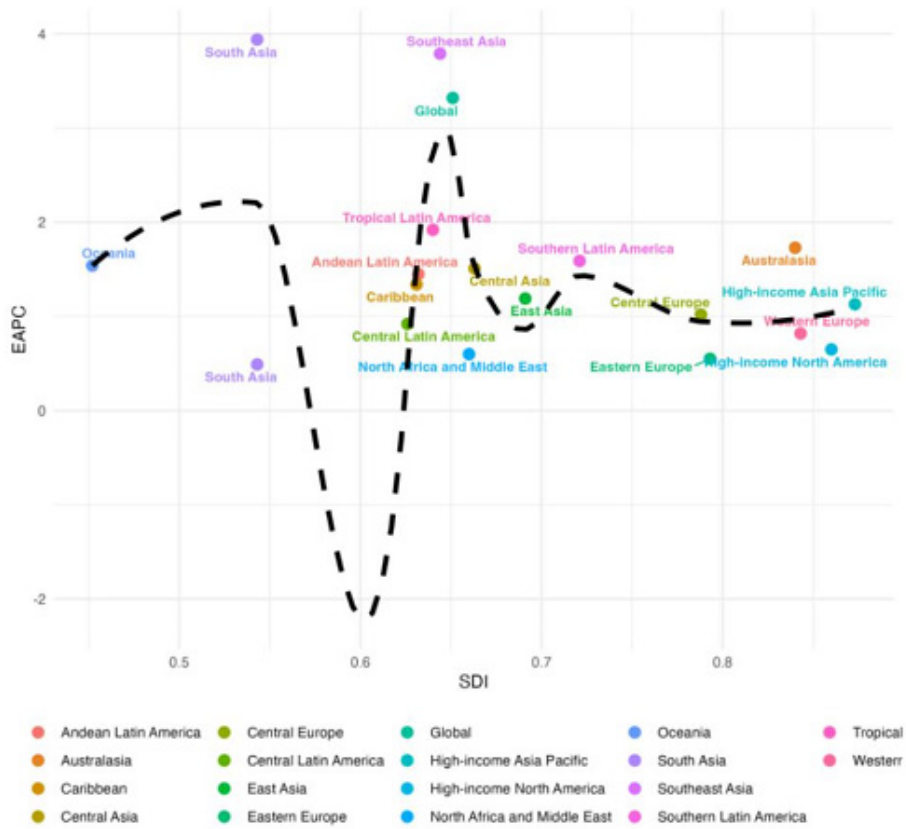


A

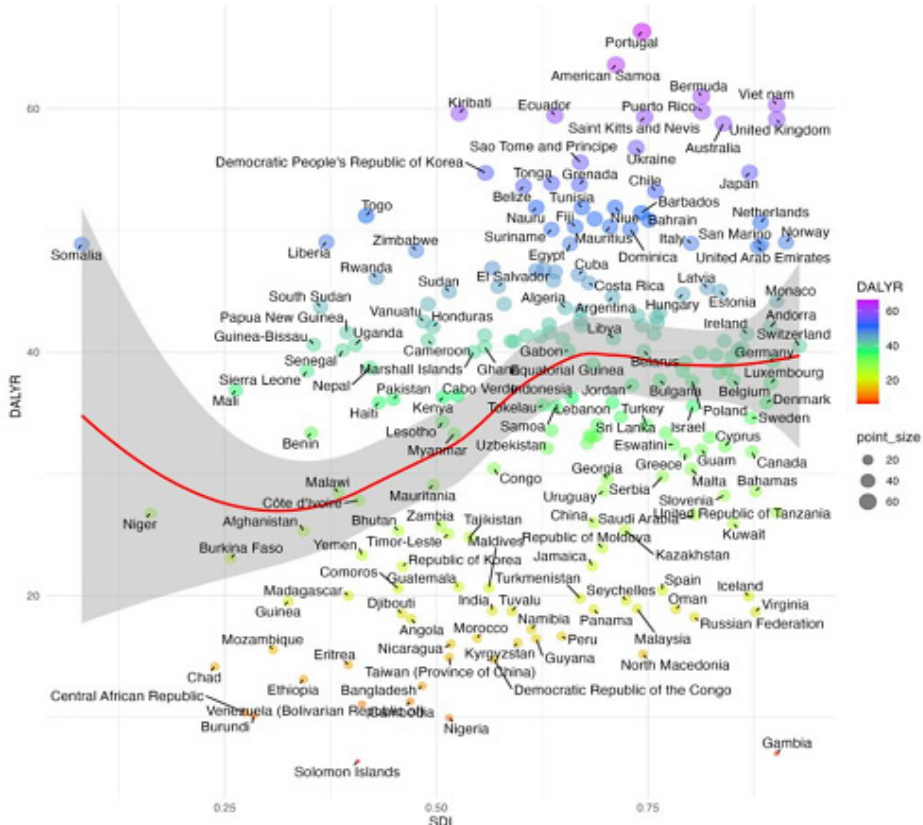


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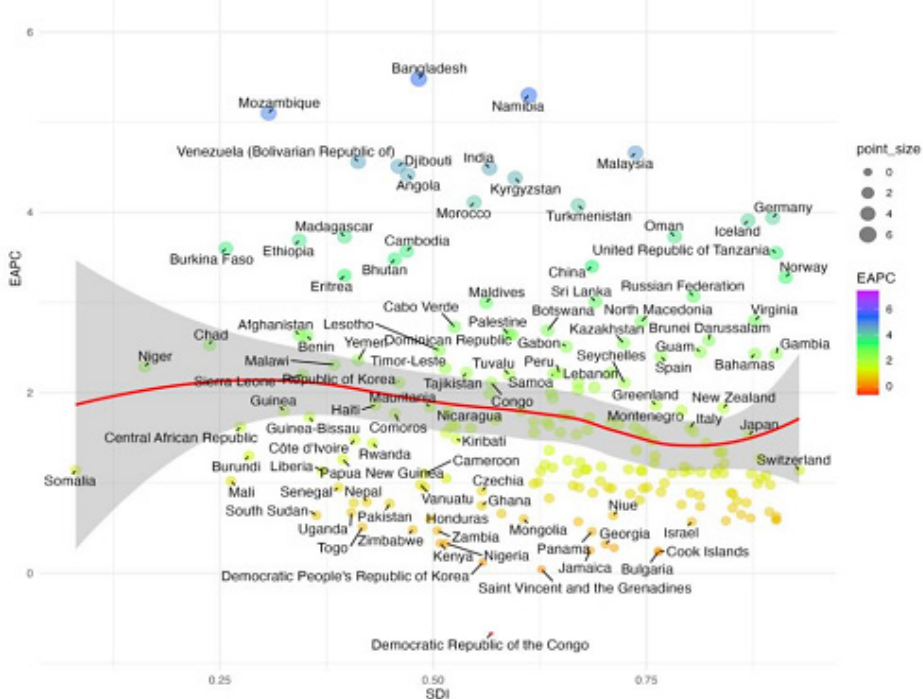


Supplementary Figure S1. Global osteoarthritis disease burden attributable to high BMI in different regions by SDI (A), age-standardized disability adjusted life-year (DALY) rate in 2019 (B) estimated annual percentage change (EAPC) of age-standardized DALY rate from 1990 to 2019

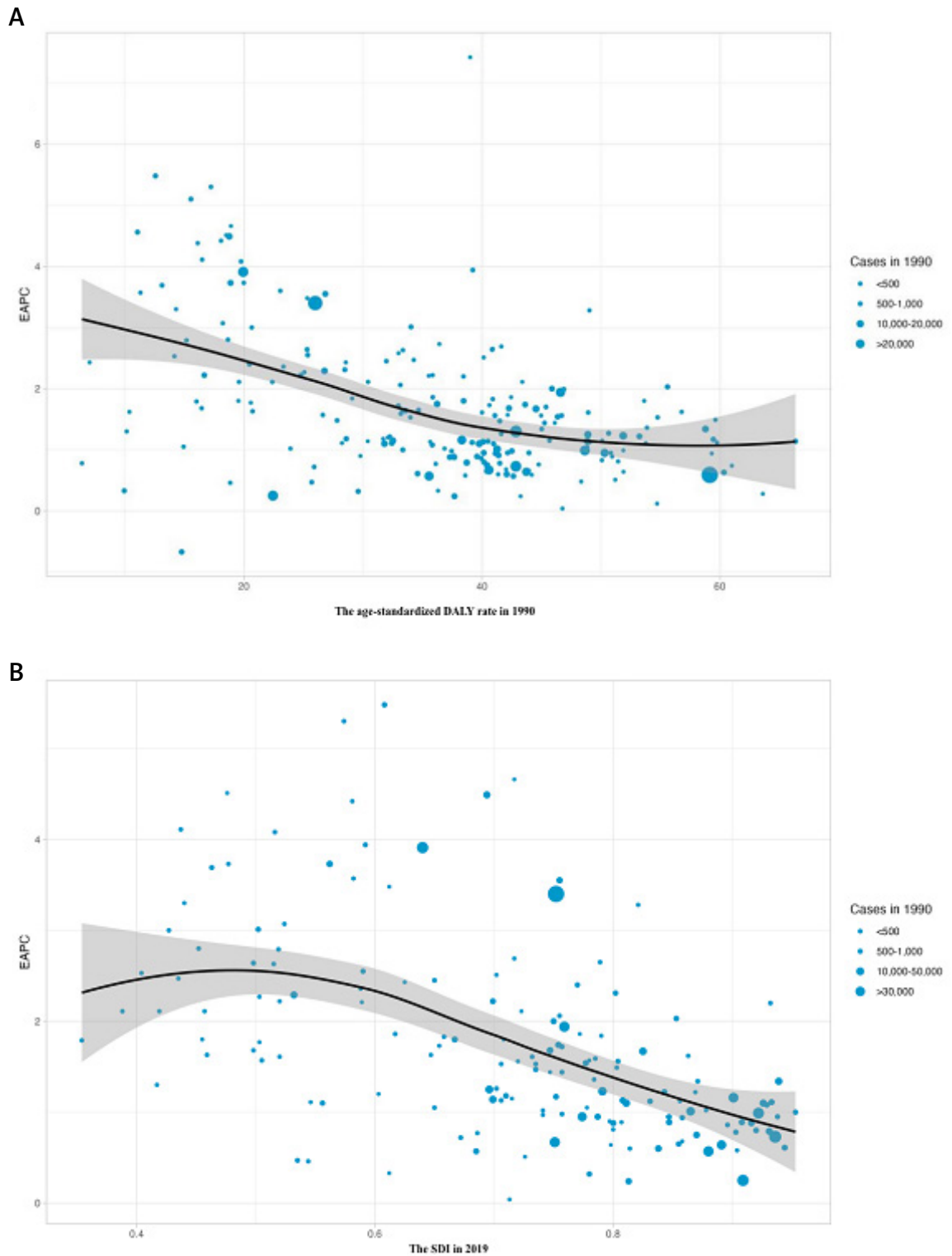
A



B



Supplementary Figure S2. Global osteoarthritis disease burden attributable to high BMI in different regions by SDI (A), age-standardized disability adjusted life-year (DALY) rate in 2019 (B) estimated annual percentage change (EAPC) of age-standardized DALY rate from 1990 to 2019



Supplementary Figure S3. The correlation of estimated annual percentage change (EAPC) in oncologic disease attributed to low physical activity from 1990 to 2019 of ASRs, by cases in 1990. **A** – The age-standardized disability adjusted life-year (DALY) rate in 1990. **B** – The Social Development Index (SDI) in 2019