Disease Study 2016 1990-2016: a systematic analysis for the Global Burden of Alcohol use and burden for 195 countries and territories,

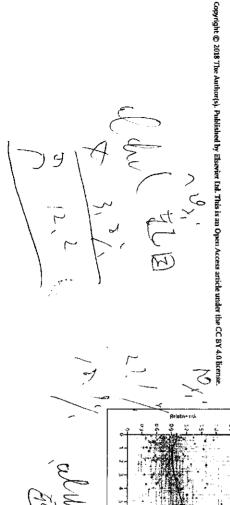
comprehensive approach to health accounting within the Global Burden of Diseases, Injuries, and Risk Factors Study 2016, we generated improved ostimates of alcohol use and alcohol-attributable deaths and disability-adjusted life-years (DALYs) for 195 locations from 1990 to 2016, for both sexes and for 5-year age groups between the ages of complex given the possible protective effects of moderate alcohol consumption on some conditions. With our 15 years and 95 years and older ackground Akohol use is a leading risk factor for death and disability, but its overall association with health remains

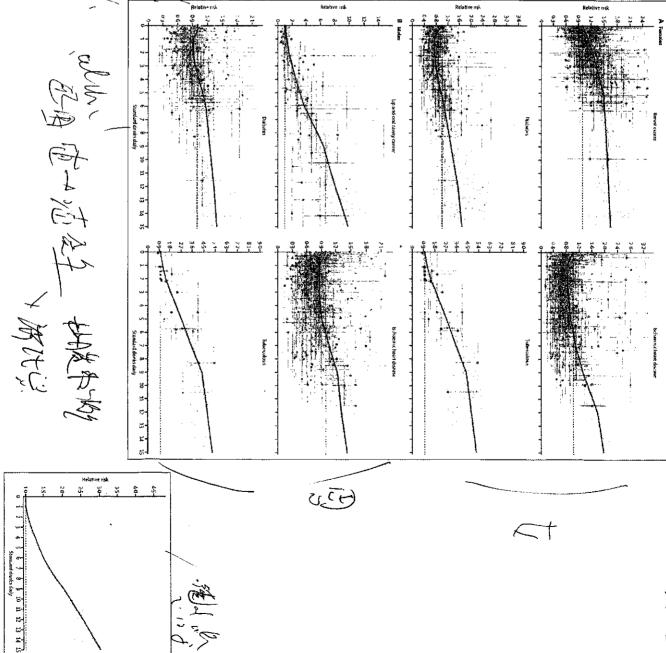
compared with previous estimates: first, we adjusted alcohol sales estimates to take into account tourist and unrecorded consumption; second, we did a new meta-snalysis of relative risks for 23 health outcomes associated with Methods Using 694 data sources of individual and population-level alcohol consumption, along with 592 prospective and retrospective studies on the risk of alcohol use, we produced estimates of the prevalence of current drinking abstention, the distribution of alcohol consumption among current drinkers in standard drinks daily (defined as 10 g overall risk to individual health ricohol use; and third, we developed a new method to quartify the level of alcohol consumption that minimises the of pure ethyl alcohol), and alcohol-attributable deaths and DALYs. We made several methodological improvements

For populations aged 50 years and older, camers accounted for a large proportion of total alcohol-attributable deaths in 2016, constituting 27 1% (95% UI 21-2-33-3) of total alcohol-attributable female deaths and 18-9% (15-3-22-6) of Findings Clobally, alcohol use was the severals leading risk factor for both deaths and DALYs in 2016, accounting for 2.2% [95% uncertainty interval [UI] 1.5-3.0) of age-standardised female deaths and 6.8% [5.8-8.0] of age-standardised trade deaths. Among the population aged 15-49 years, alcohol use was the leading risk factor globally in 2016, with 3.8% [95% UI 3.2.4.3] of female deaths and 12.2% [10.8-13.6) of male deaths artifuntable to alcohol 2016, with 3.8% [95% UI 3.2.4.3] of female deaths and 12.2% [10.8-13.6) of male deaths artifuntable to alcohol 2016. male deaths. The level of alcohol consumption that minimised harm across health outcomes was zero (95% U1 0 · 0–0 · 8) ise. For the population aged 15-49 years, female attributable DALYs were 2-3% (95% UI 2-0-2-6) and make tandard drinks per week uberculosis (1.4% |95% UI 1.0–1.7] of total deaths), road înjuries (1.2% |0.7–1.9]), and self-harm (1.1% |0.6–1.5]) ttributable DALYs were 8.9% (7.8–9.9). The three leading causes of attributable deaths in this age group were

interpretation Alcohol use is a leading risk factor for global disease burden and causes substantial health loss. We found that the risk of all-cause mortably, and of cancers specifically, rises with increasing levels of consumption, and the level of consumption that minimises health loss is zero. These results suggest that alcohol control policies might need to be revised worldwide, refocusing on efforts to lower overall population-level consumption.

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Age-standardised weights decurrenced by the DALY rate in 2016, for both seves. The dotted line is a reference line for a relative risk of 1. DALY edisability-adjuste. gure 5: Weighted relative risk of alcohol for all attributable causes, by ndard drinks consumed per day