

Figure legends

Figure 1: Age-standardised prevalence rate of rheumatoid arthritis per 100,000 population in 2017, by country. ATG=Antigua and Barbuda, VCT=Saint Vincent and the Grenadines, BRB=Barbados, COM=Comoros, DMA=Dominica, GRD=Grenada, MDV=Maldives, MUS=Mauritius, LCA=Saint Lucia, TTO=Trinidad and Tobago, TLS=Timor-Leste, SYC=Seychelles, MLT=Malta, SGP=Singapore, MHL=Marshall Islands, KIR=Kiribati, SLB=Solomon Islands, FSM=Federated States of Micronesia, VUT=Vanuatu, WSM=Samoa, FJI=Fiji, TON=Tonga (Generated from data available from ghdx.healthdata.org/gbd-results-tool/)

Figure 2: Age-standardised incidence rate of rheumatoid arthritis per 100,000 population in 2017, by country. ATG=Antigua and Barbuda, VCT=Saint Vincent and the Grenadines, BRB=Barbados, COM=Comoros, DMA=Dominica, GRD=Grenada, MDV=Maldives, MUS=Mauritius, LCA=Saint Lucia, TTO=Trinidad and Tobago, TLS=Timor-Leste, SYC=Seychelles, MLT=Malta, SGP=Singapore, MHL=Marshall Islands, KIR=Kiribati, SLB=Solomon Islands, FSM=Federated States of Micronesia, VUT=Vanuatu, WSM=Samoa, FJI=Fiji, TON=Tonga. (Generated from data available from: ghdx.healthdata.org/gbd-results-tool/)

Figure 3: Global number of prevalent cases and ~~age-standardised~~ prevalence rate of rheumatoid arthritis per 100,000 population by age and sex, 2017; Dotted and dashed lines indicate 95% upper and lower uncertainty intervals, respectively. (Generated from data available from: ghdx.healthdata.org/gbd-results-tool/)

Figure 4: Age-standardised DALY rates for rheumatoid arthritis for 21 Global Burden of Disease regions by Socio-demographic Index, 1990–2017; Expected values based on Socio-demographic

Index and disease rates in all locations are shown as the black line. Twenty-eight points are plotted for each GBD region and show observed age-standardised DALY rates from 1990 to 2017 for that region. DALY=disability-adjusted life-year. (Generated from data available from: ghdx.healthdata.org/gbd-results-tool/)

Figure 5: Age-standardised DALY rates of rheumatoid arthritis by 195 countries and Socio-demographic Index, 2017; Expected values are shown as the black line. Each point shows observed age-standardised DALY rate for specified country in 2017. DALY=disability-adjusted life-year. (Generated from data available from: ghdx.healthdata.org/gbd-results-tool/)

Figure S1: The age-standardised prevalence (a) and incidence (b) rates of rheumatoid arthritis in 2017 for 21 Global Burden of Disease regions by sex. (Generated from data available from: ghdx.healthdata.org/gbd-results-tool/)

Figure S2: The percentage change in age-standardised prevalence (a) and incidence (b) rates of rheumatoid arthritis from 1990 to 2017 for 21 Global Burden of Disease regions by sex. (Generated from data available from: ghdx.healthdata.org/gbd-results-tool/)

Figure S3: Number of prevalent (a) and incident (b) cases of rheumatoid arthritis from 1990 to 2017 for 21 Global Burden of Disease regions. (Generated from data available from: ghdx.healthdata.org/gbd-results-tool/)

Figure S4: Global number of incident cases and ~~age-standardised~~ incidence rate of rheumatoid arthritis per 100,000 population by age and sex, 2017; Dotted and dashed lines indicate 95%

upper and lower uncertainty intervals, respectively. (Generated from data available from: ghdx.healthdata.org/gbd-results-tool/)

Figure S5: Global number of DALYs and ~~age-standardised~~ DALY rate of rheumatoid arthritis per 100,000 population by age and sex, 2017; Dotted and dashed lines indicate 95% upper and lower uncertainty intervals, respectively. (Generated from data available from: ghdx.healthdata.org/gbd-results-tool/)

Figure S6: Global number of YLLs and YLDs and age-standardised rate of YLL and YLD per 100 000 population due to rheumatoid arthritis by age, 2017; Dotted and dashed lines. (Generated from data available from: ghdx.healthdata.org/gbd-results-tool/)

Figure S7: Age-standardised DALY rates of rheumatoid arthritis by 195 countries and Healthcare Access and Quality Index, 2016; Expected values are shown as the black line. Each point shows observed age-standardised DALY rate for specified country in 2016. DALY=disability-adjusted life-year.