Appendix S1, the reproductive-aged life expectancy

In life table notation the reproductive-aged life expectancy, or RALE, can be calculated as where and correspond to the life table measures for the person-years above age *x* and the number of survivors at age 15 at time *t*, respectively. From this equation it can be deducted that *RALE* is analogous to a life expectancy at birth from a life table that starts at age 15 and finishes at age 49, where only death rates between these ages are studied: , where is the age-specific death rate at age *x* and time *t*.