

New study sheds light on life satisfaction and mortality risk in older adults

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Credit: Peter Griffin/public domain

In a study just published by researchers at Chapman University, findings showed that greater life satisfaction in adults older than 50 years of age is related to a reduced risk of mortality. The researchers also found that variability in life satisfaction across time increases risk of mortality, but only among less satisfied people. The study involved nearly 4,500 participants who were followed for up to nine years.

'Although life satisfaction is typically considered relatively consistent across time, it may change in response to life circumstances such as divorce or unemployment,' said Julia Boehm, Ph.D., assistant professor of psychology at Chapman University. 'Some people may adapt more readily to new situations and thus appear to have relatively stable life satisfaction, and others may not adapt as quickly. If people repeatedly encounter distressing life events that diminish their life satisfaction, then fluctuations in lower levels of satisfaction seem to be particularly harmful for longevity.'

In each year of the nine-year study, older men and women responded to the question, 'All things considered, how satisfied are you with your life?' Responses ranged from zero to 10, with 10 indicating greater life satisfaction. The researchers assessed both average life satisfaction across time and the variability in life satisfaction across time. Other factors accounted for in the study included age, gender, education, health conditions, smoking status, physical activity, and depressive symptoms.

Over the course of the study, the researchers learned that as participants' life satisfaction increased, the risk of mortality was reduced by 18 percent. By contrast, greater variability in life satisfaction was associated with a 20 percent increased risk of mortality. In combination, individuals with high levels of life satisfaction tended to have reduced risk of mortality regardless of how their life satisfaction varied over time.

'This is the first study to consider the effects of life satisfaction on the risk of mortality when life satisfaction is summarized across as many as nine repeated assessments,' Boehm said. 'Having multiple assessments of life satisfaction also allowed us to examine how variability in satisfaction across time might be related to longevity, which has never been investigated before.'

Taken together, the findings from this study suggest that fluctuating

levels of life satisfaction matter for [mortality](#) risk only when [life satisfaction](#) is also relatively low. Extreme variability in psychological states is often associated with mental-health disorders, so considering the variability in psychological characteristics can add insight into health-related outcomes such as longevity.

Provided by Chapman University

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