



live with a mental disorder¹



affected in their lifetime²

\$2.5 trillion annual global cost \rightarrow \$6 trillion by 2030^3





² Australian Bureau of Statistics (2022), Health Conditions Prevalence.

³ Marquez et al. *Cerebrum*. 2016;10:16.

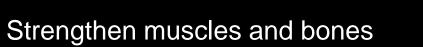
Reach or maintain a healthy weight

Improve heart and lung function

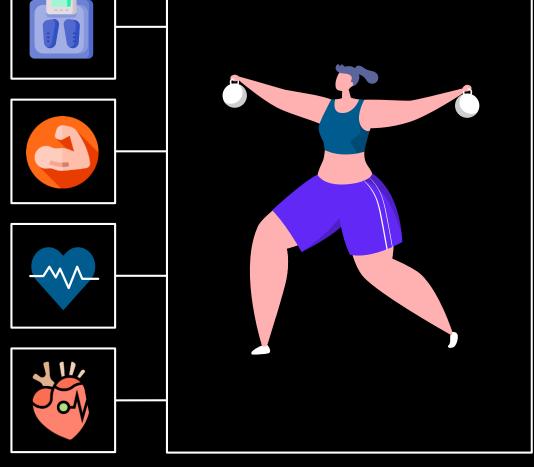
Prevent or manage chronic health

conditions (e.g., diabetes, heart disease)

















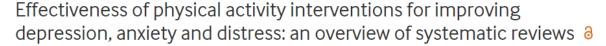
















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Abstract

Objective To synthesise the evidence on the effects of physical activity on symptoms of depression, anxiety and psychological distress in adult populations.

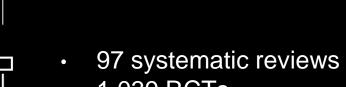
Design Umbrella review.



Umbrella review to summarise all existing systematic reviews on the effects of physical activity on depression and anxiety







• 1,039 RCTs

128,119 participants



Various modes n=70 (72%)

Specific modes (e.g., aerobic only, yoga only) n=27 (28%)



Cancer n=27 (28%)

Depression n=11 (11%)

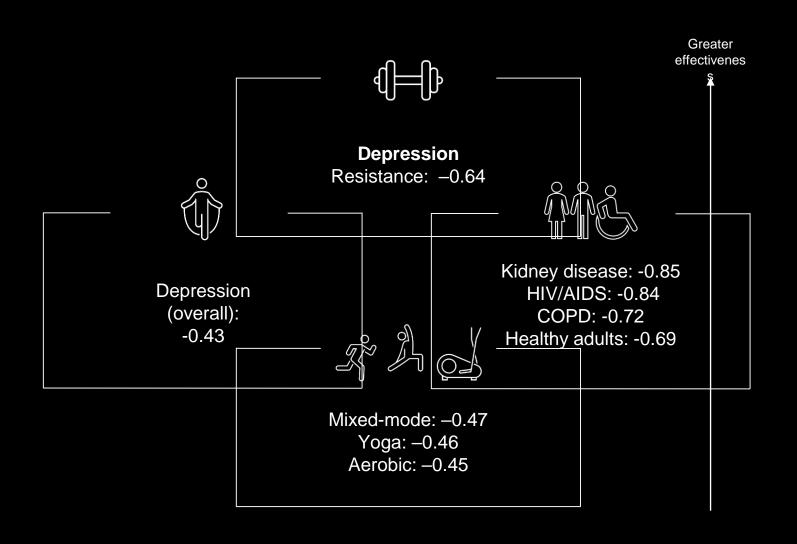
Dementia n=5 (5%)

Older adults n=5 (5%)



Critically low-quality rating n=77 (79%)

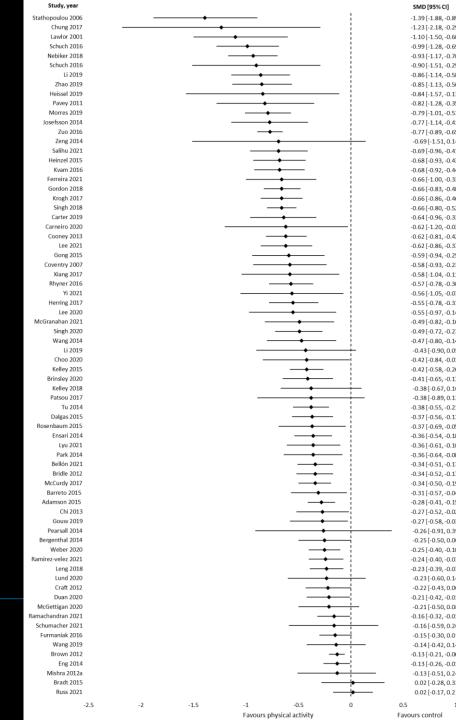


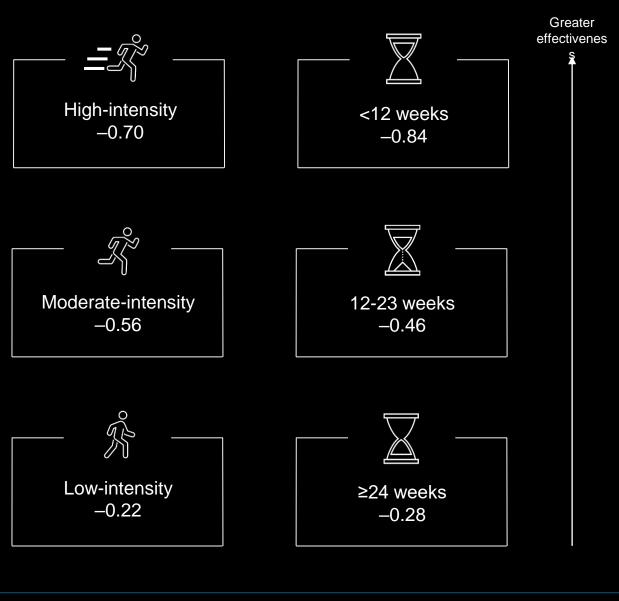






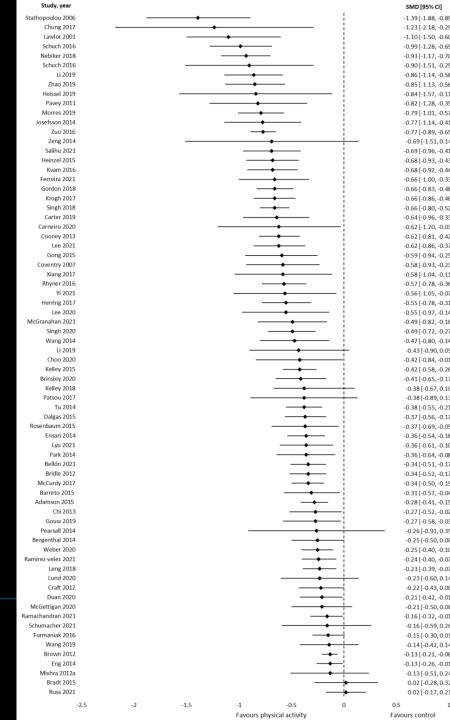
All values represent median standardised mean differences. COPD: Chronic obstructive pulmonary disease.

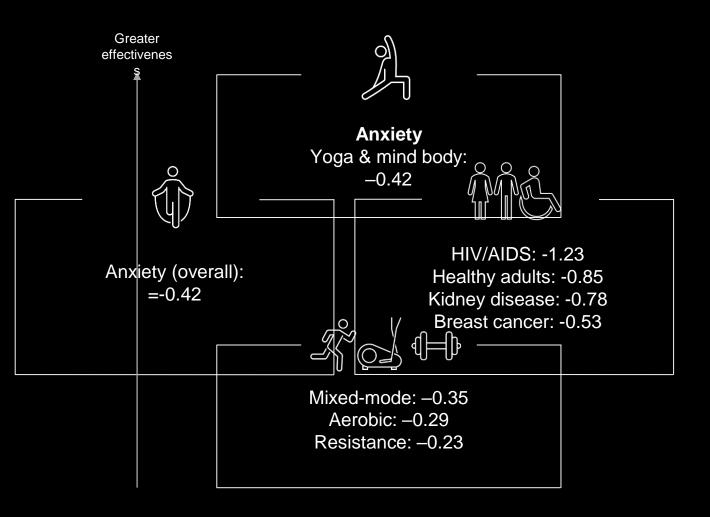


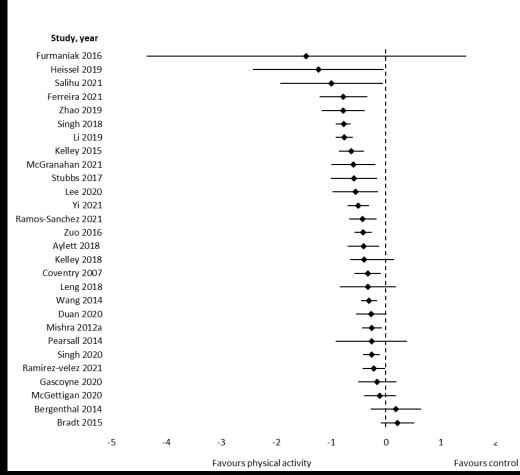




All values represent median standardised mean differences.







- All types of PA are beneficial.
- Greatest benefits in depression, pregnant/ postpartum women, healthy individuals, HIV and kidney disease.
- Higher intensity is more beneficial.
- Effects reduce over time.





- Aim for at least 150 minutes of moderate-intensity or 75 minutes of vigorous-intensity activity each week.
- Even a small amount of physical activity is better than none.
- Any type of physical activity is better than none.
- Find an activity that you enjoy and that fits into your lifestyle.





