

# Meditation Practice is Associated With Greater Well-Being During the COVID-19 Pandemic

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CCC Study Website

#### Introduction

Meditation is a tool with a long history of use and is known to reduce stress and enhance overall health and well-being (Carmody and Baer, 2008). The uncertainty and distressing nature of the COVID-19 pandemic, along with mitigation measures including isolation and social distancing, have taken a toll on mental health (Kumar and Nayar, 2021). Previous studies have showcased the benefits of mindfulness and meditation practices as a means to minimize stress and deal with the challenges manifested by the pandemic (Green et al., 2021, Antonova et al., 2021, Polizzi et al. 2020). Here we investigate the relationship between meditation practice and well-being during the onset of the pandemic.

## How does meditation effect well-being?

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We predicted that more meditation practice per week would be related to greater well-being.

#### Change in practice Participants practiced formal meditation an 10 00 00 00 00 kg % average of **3.62 days per week** before the 111 V 18 18 18 18 18 49-17 4 18 7 W . pandemic and **5.09 days per week** during the pandemic. Frequency of practice prior to \* : : : : the pandemic was positively correlated with 10 cm 1 cm 5. practice during the pandemic, r = 0.43, p < 0.430.001. Changes in frequency of practice

nge in frequency of practice 354 1.53 1.45 1.6 1.70 -3 3 6 -1.11 0.81 0.08

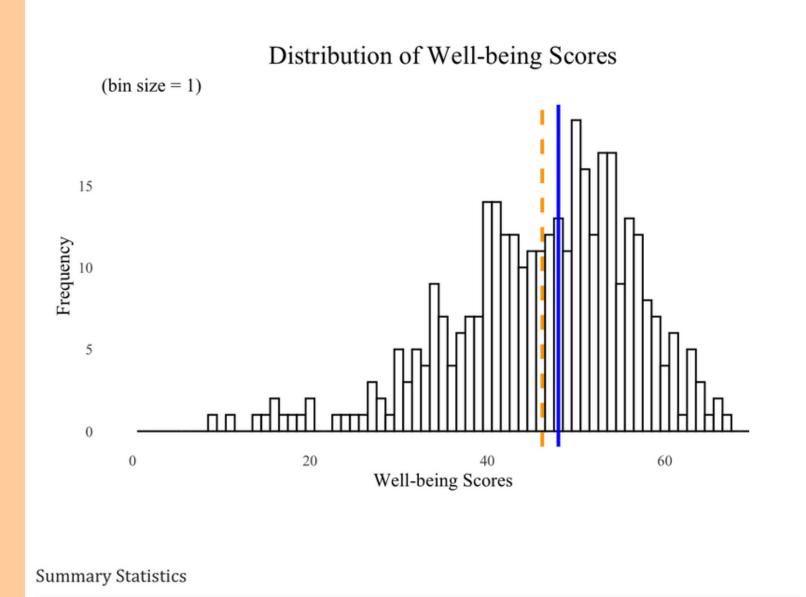
**Before pandemic:** 

r = 0.26, p < 0.001

Meditation Practice (average days/week)

# Well-being Scores

Well-being items are summed for a possible range of 0 to 70. The average well-being score amongst the practitioners was 46.18.



Well-being Scores 352 46.18 10.49 48 10.38 9 70 61 -0.73 0.72 0.56

# - Alternatively, this correlation could suggest that individuals with greater well-being may be better able to maintain a regular meditation practice.

Conclusion

- More meditation practice per week was associated

with greater well-being, and this remained true

- These data suggest that practicing meditation

more frequently promotes greater emotional,

- On average, study participants increased the

frequency with which they were practicing

meditation during the pandemic.

when accounting for age and gender.

social, and psychological well-being.

- These results suggest that meditation may be a useful tool for promoting a sense of well-being and emotional resilience as individuals navigate the challenges brought on by the pandemic.

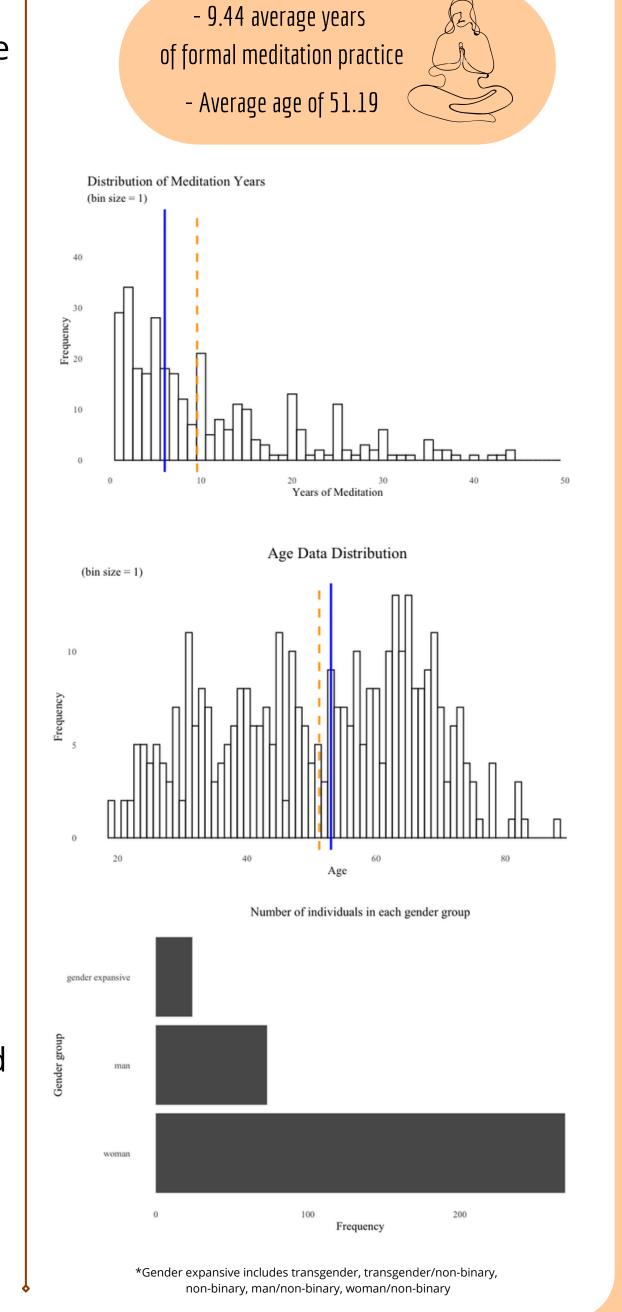
# Canva

#### Methods

Participants: We measured the frequency of meditation practice and well-being in a national sample of 389 meditators in the U.S. enrolled in the Contemplative Coping during COVID-19 study. Participants accepted into the study were required to have some prior meditation experience, to live in the US, and to be 18 or older.

**Procedure:** Self-report data were collected via Qualtrics every 4 months for a 1 year. Data reported here are from the baseline data collection that took place between June of 2020 and January of 2021.

**Measures**: Participants self-reported how many days per week, on average, they were practicing formal meditation prior to the onset of the pandemic, and since the onset of the pandemic. They also completed the Mental Health Continuum short-form, which consists of 14 items rated on a 6-point Likert scale (Lamers et al., 2011). Response options measure the frequency with which participants experience each aspect of well-being on a scale from 0 (never) to 6 (everyday) over the past month. Examples items include "How often did you feel that you had warm and trusting relationships with others?" or "that your life has a sense of direction or meaning to it." This scale measures three domains of wellbeing: emotional, social, and psychological—with higher scores indicate flourishing.



### Well-being & Meditation

Meditation practice before and during the pandemic were both positively correlated with well-being scores at baseline.



# r = 0.30, p < 0.001Editation Practice DURING the Pandemic and Well-being

**During pandemic:** 

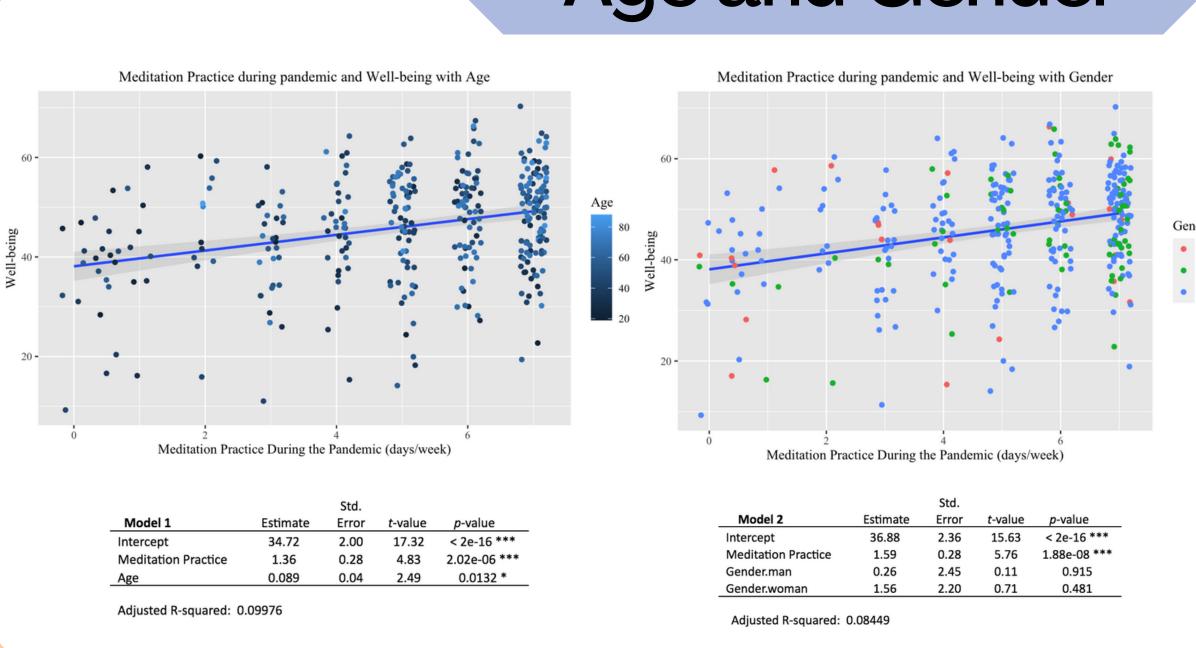
n mean sd median mad min max range skew kurtosis se

Meditation Practice (average days/week)

### Acknowledgements

Thank you to the Mind and Life Institute, the Yoga Science Foundation, Fetzer Institute, and other anonymous donors for funding the CCC Study and to our participants for their contributions.

### Age and Gender



In model 1 we found that meditation practice (F = 34.7, p < 0.001) and age (F = 6.20, p < 0.001) significantly predict well-being. In model 2 meditation practice remained significant (F = 34.6, p < 0.001) while accounting for gender, but gender did not predict well-being (F = 0.59, p < 1).

#### References

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