

# Assessing Frailty in Chronic Lung Disease A Cross-Sectional Analysis of the All of Us Cohort



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### Rationale

- Frailty is a useful construct through which to understand disease.
- In chronic lung disease frailty has been associated with greater symptom burden, reduced function, and worse outcomes.

# Hypothesis

 The chronic lung disease cohort will have a greater mean frailty than control.
 Among the lung disease, bronchiectasis will present the greatest mean frailty.

## Methods

- Frailty assessed using a 33-item
   Deficit Index
- Chronic lung disease cohort included asthma, COPD, bronchiectasis, ILD, cystic fibrosis, pulmonary hypertension, and pulmonary sarcoidosis.

## Summary

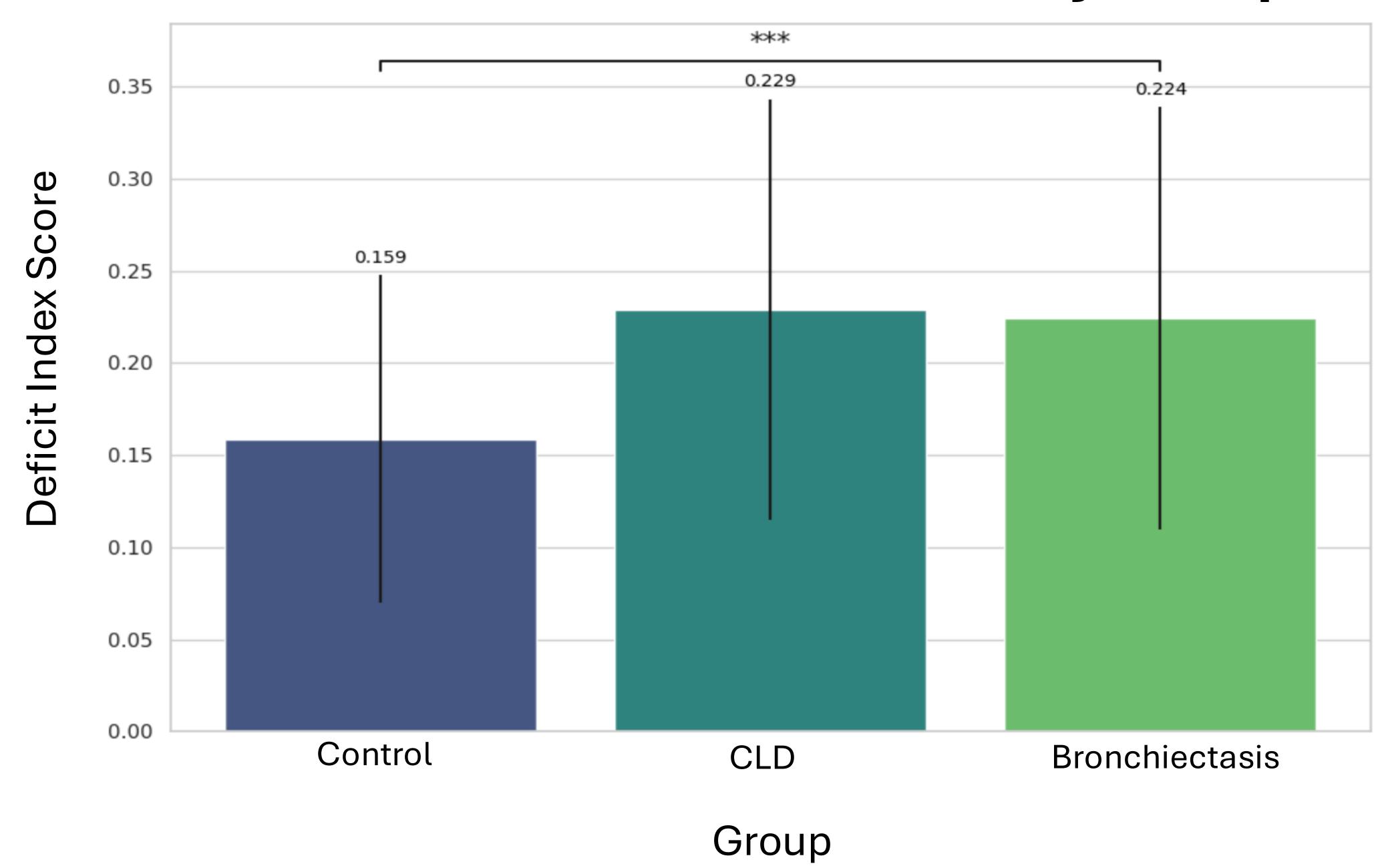
- Mean frailty scores were higher in the chronic lung disease cohort than control
- Each subgroup had greater frailty compared to control
  - Highest: Pulmonary Hypertension
  - Lowest: Cystic Fibrosis

# More Information



#### Results

# Mean Deficit Index Scores by Group



# Mean Deficit Index Scores by Group

