

# Social Isolation, Frailty and Health outcomes in Community-Dwelling Older Adults: A Scoping Review

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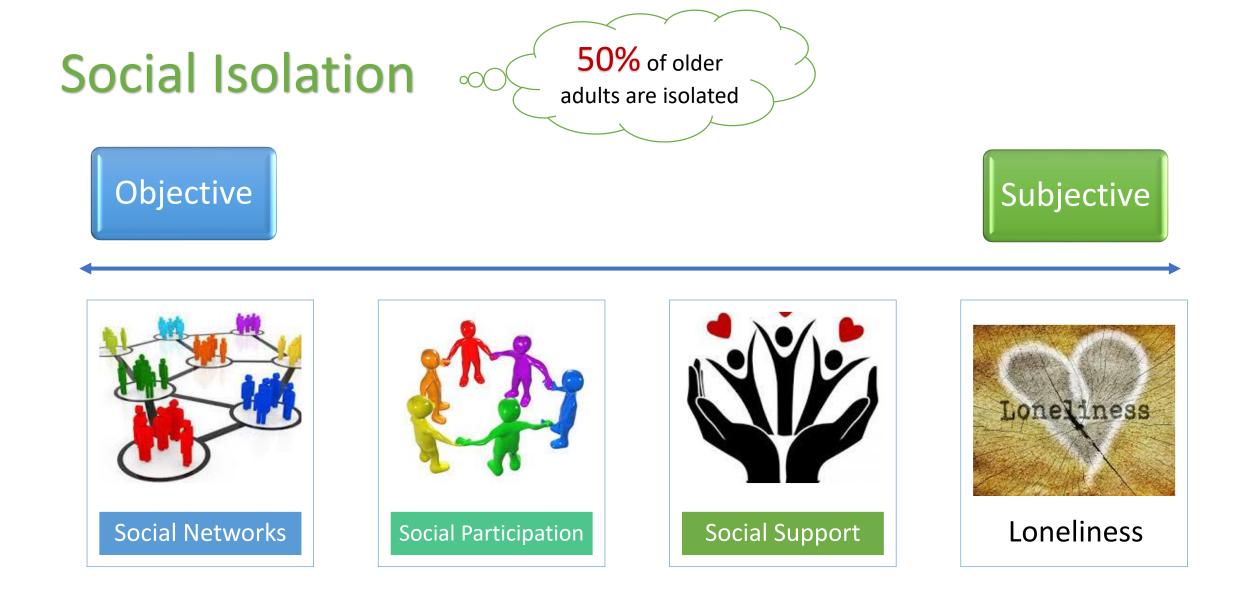
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# Objective

To identify the relationship between social isolation, frailty and health outcomes in community dwelling older adults

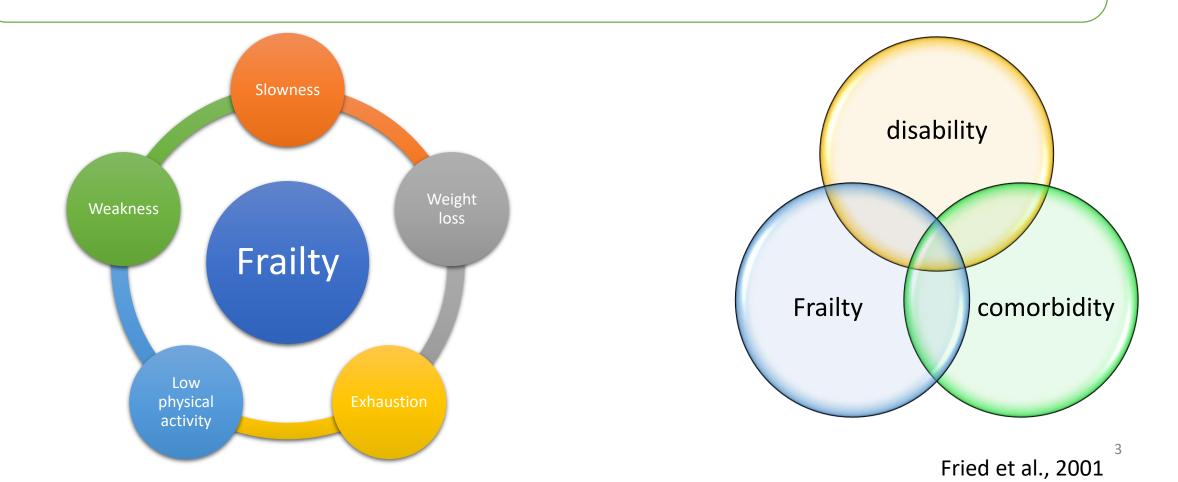


Quantity of relationships

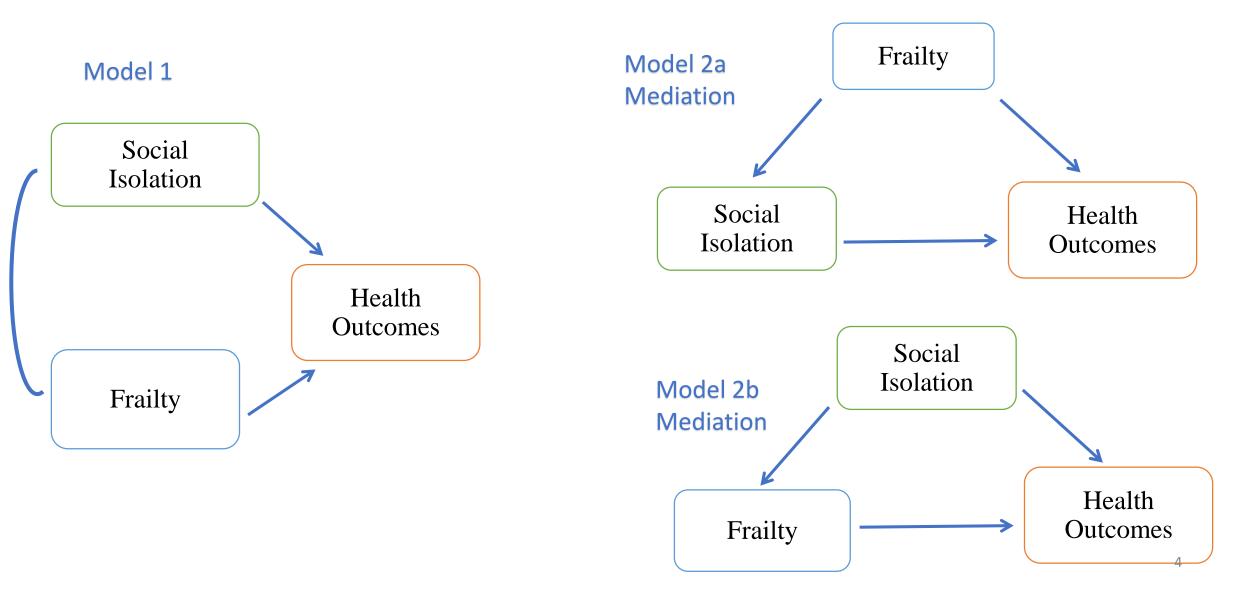
Quality of relationships

# **Physical Frailty**

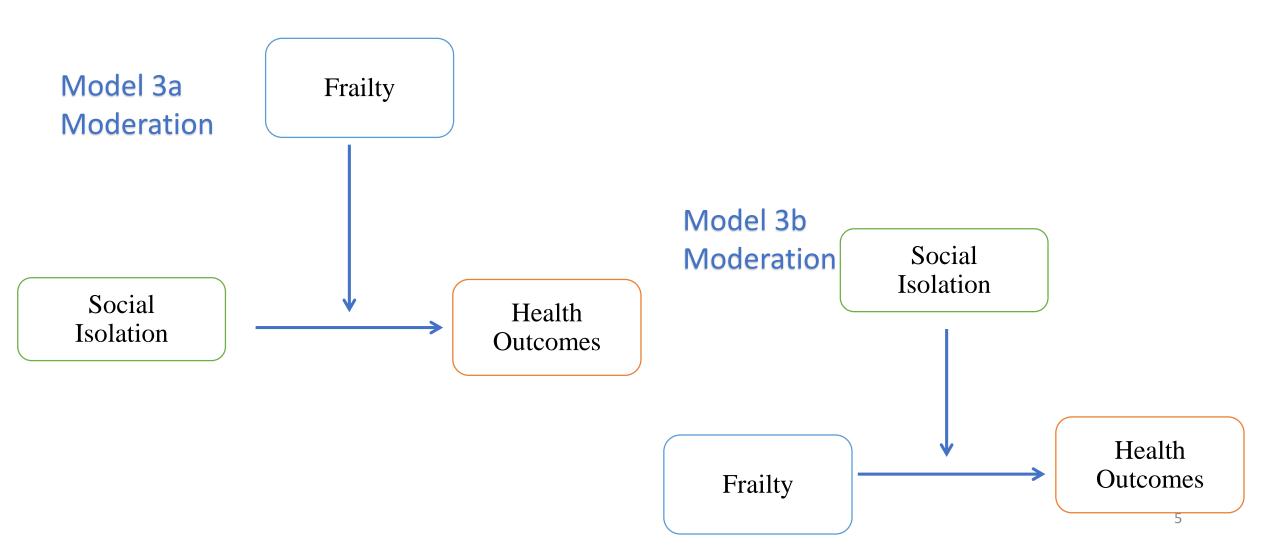
Frailty is defined as a state of increased vulnerability resulting from age-associated decline in reserve and function across multiple physiological systems which leads to poor health outcomes.



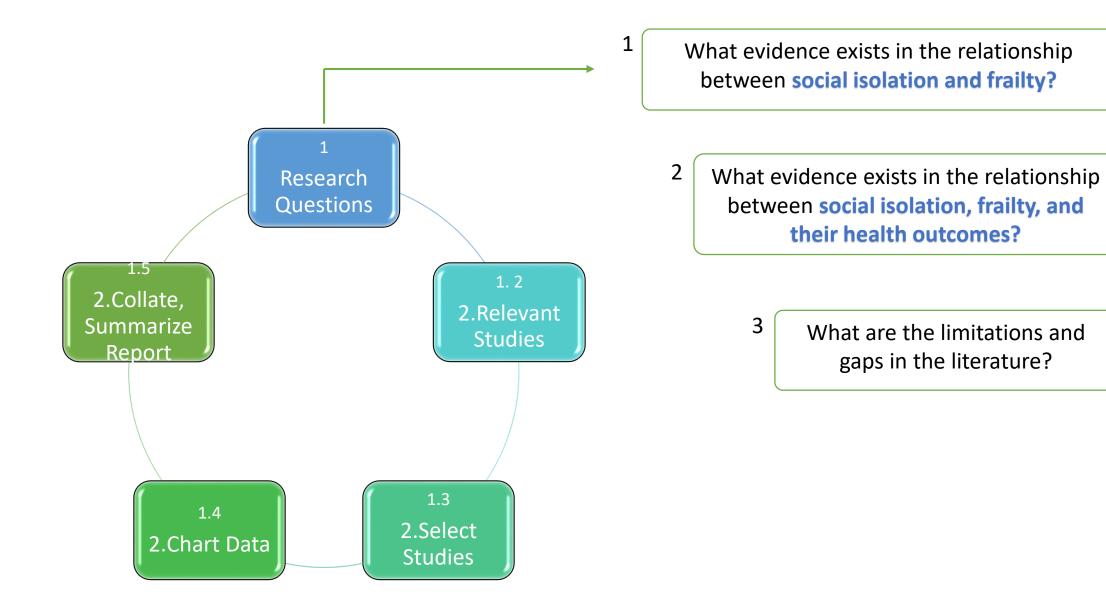
### The relationships between social isolation, frailty and health based on three models

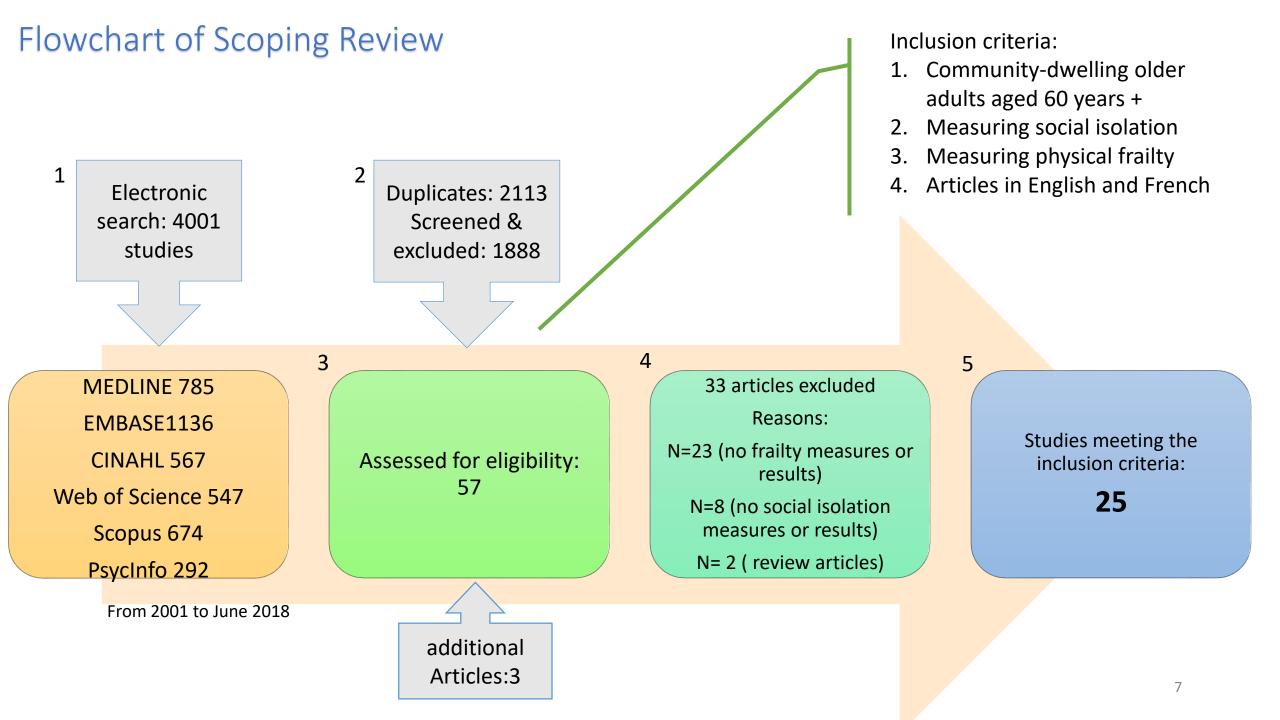


The relationships between social isolation, frailty and health based on three models



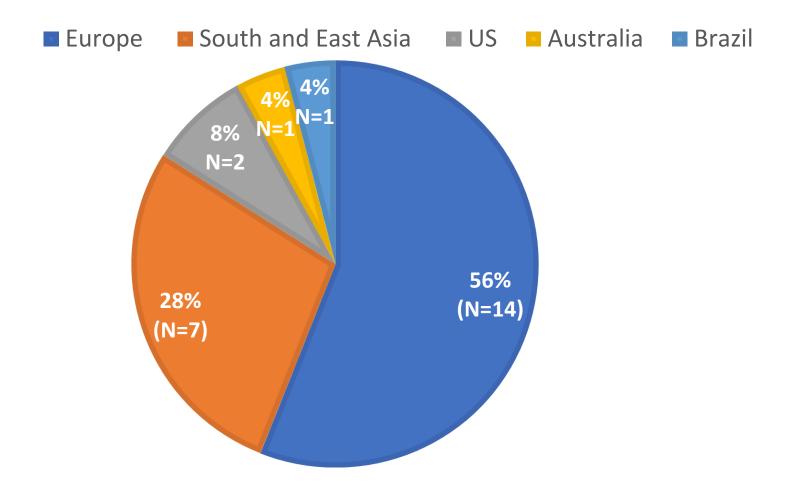
#### Arksey & O'Malley's Methodological Framework





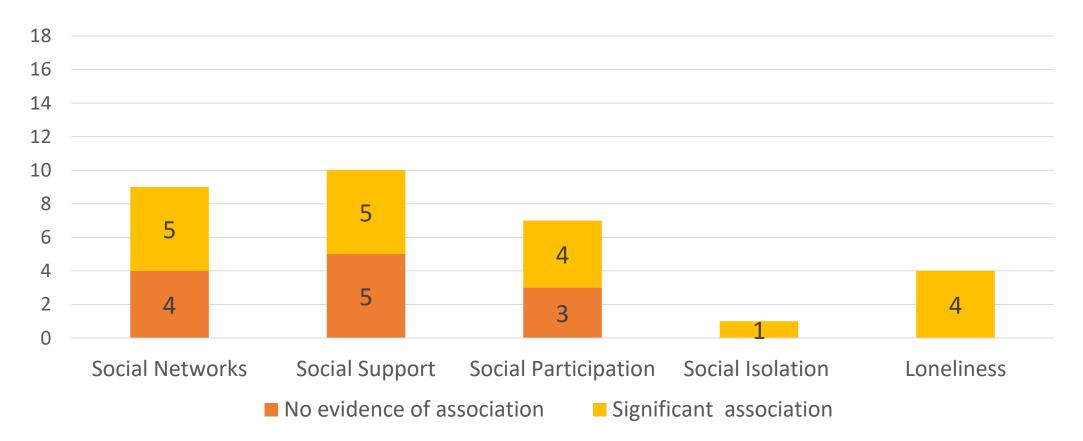
## Results

### Characteristics of included studies



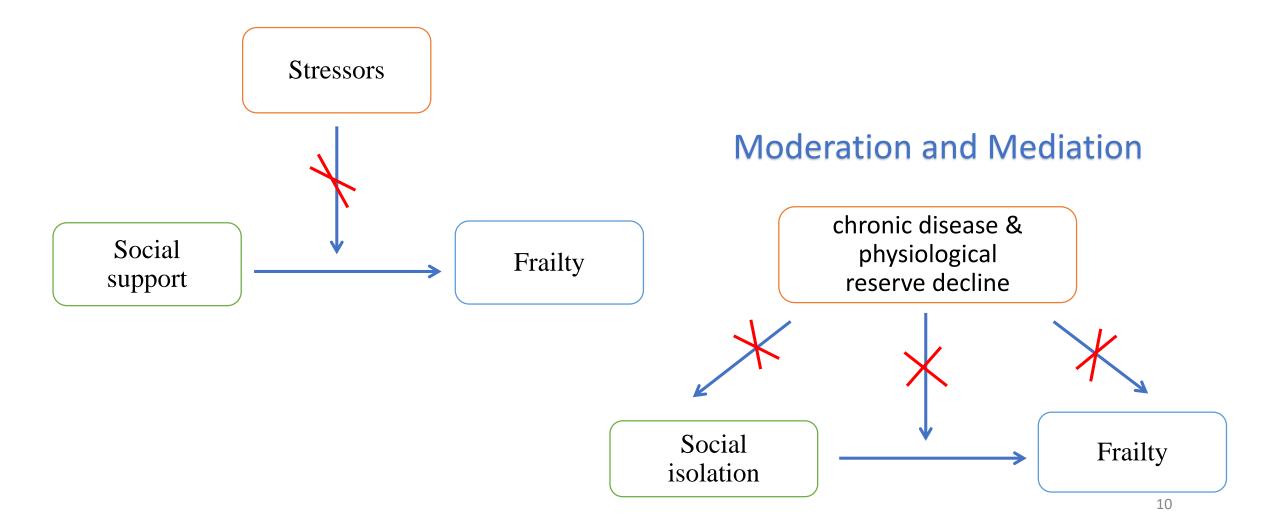
### 1- Results: Social isolation and frailty

#### Social isolation associated with frailty status

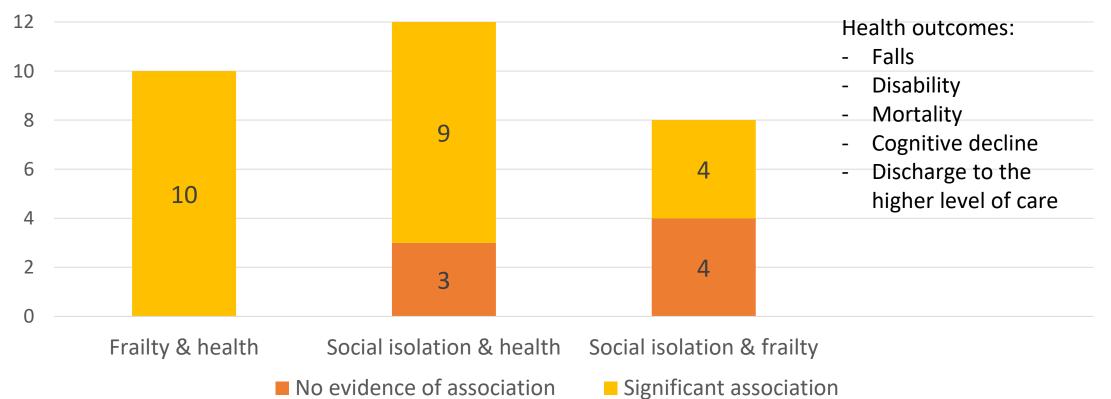


1- Results: Social isolation and frailty

#### **Interaction effect**

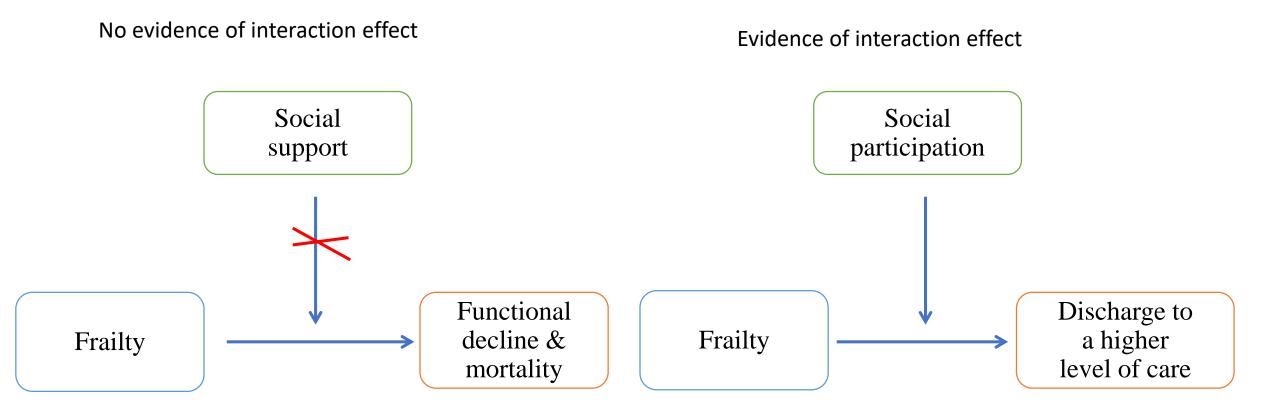


### 2- Results: Social Isolation, Frailty and Health Outcomes



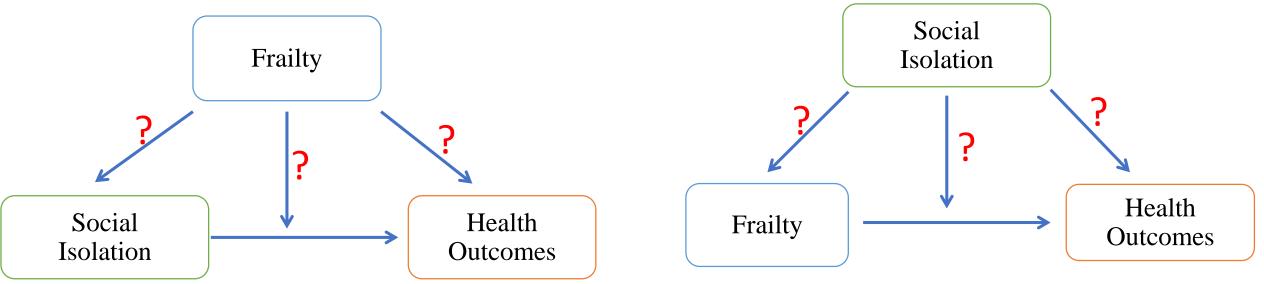
The association between social isolation, frailty and health

2- Results: Social Isolation, Frailty and Health Outcomes



### 3- Gaps: Moderation, Mediation or Interaction Effect

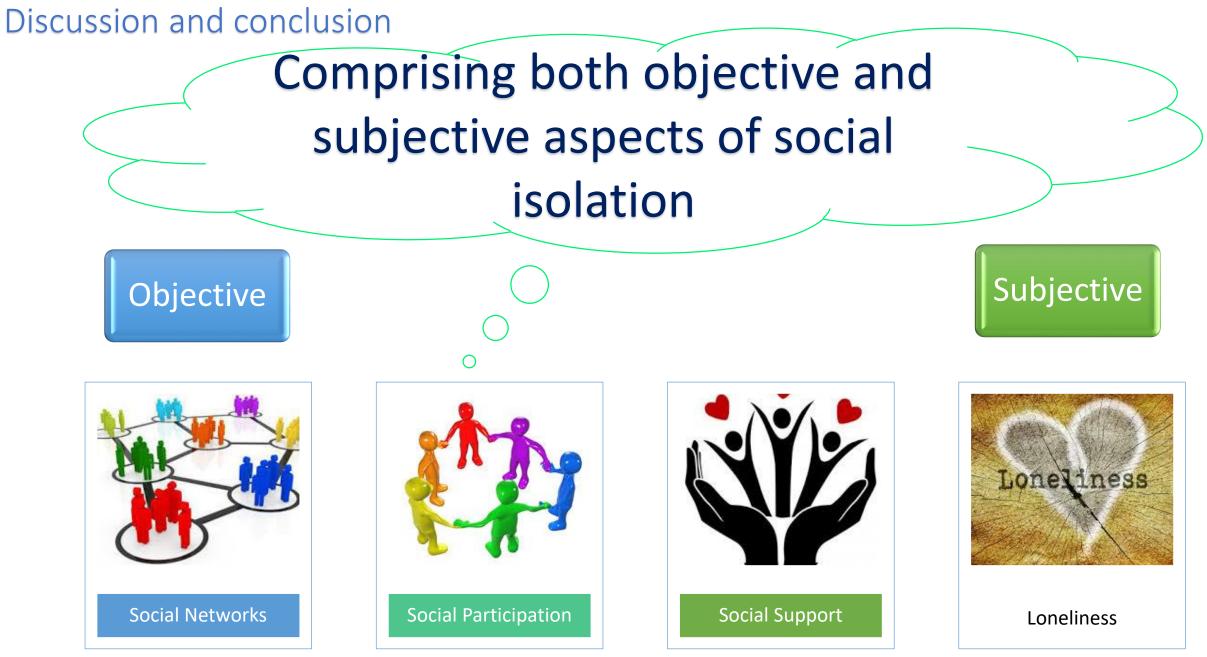
	Social isolation	Frailty
Moderation effect	No study identified	No study identified
Mediation effect	No study identified	No study identified
Interaction effect	2 studies: Social support & frailty social participation & frailty	No study identified



## 3-Limitations and Gaps in included studies

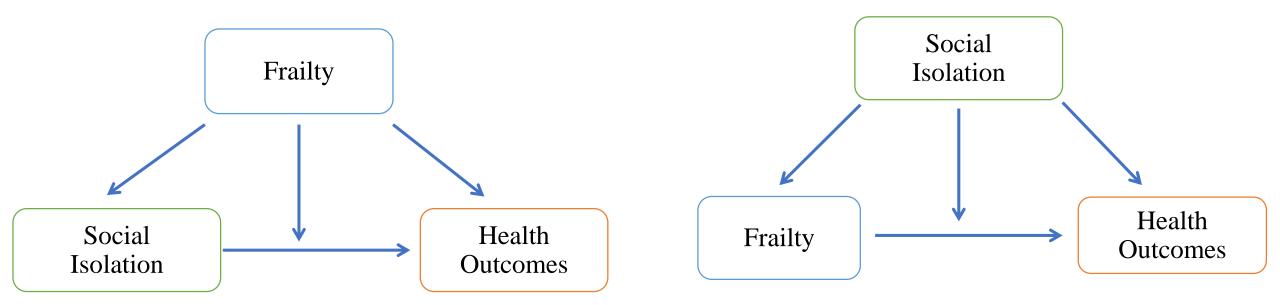


- Presence of gender inequality ( in 2 Taiwanese studies)
- Subjective aspect of social isolation or loneliness
  - (Social Isolation & Frailty: 4 out of 18)
  - (Social Isolation & Frailty & Health: 1 out of 8)
- Absence of health outcomes: life satisfaction, quality of life, depression, dementia



#### Discussion and conclusion

- ✓ Possible role of frailty as a moderator and mediator on the relationship between social isolation and health
- ✓ Possible role of social isolation as a moderator and mediator on the relationship between frailty and health





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un sur cinq se sent seul ou isolé.

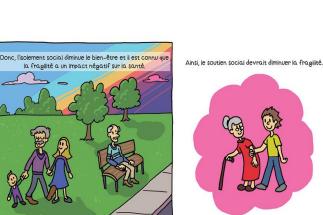


En plus, l'isolement social et la solitude peuvent être pires pour la santé que de fumer 15 cigarettes par jour!



Avec le vieillissement, la résistance à la maladie diminue, c'est la fragilité. Elle se ressent par la fatigue, la perte de la force musculaire et de l'équilibre avec une diminution de l'activité physique et de poids.

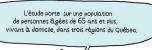




C'est là que Fereshteh Mehrabi de l'UdeM entre en jeu! Sa recherche est basée sur les données de l'étude FRéLI de François Béland, directeur de recherche, Elle cherchera à faire la lumière sur ce suiet.

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de vie de notre population âgée, et ainsi mieux en prendre soin.

... et améliorer la santé et allonger la bonne vie.

SHAW CENTRE



- Fereshten Mohrah









#### Selected References

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# Disclosure Statement

• I have no affiliation (financial or otherwise) with a pharmaceutical, medical device or communications organization.