

評価対象論文リスト(要因:社会経済状況(SES)、アウトカム:フレイル・サルコペニア)

評価判定日:2023/12/22

①既存の系統的レビュー・メタ解析・統合解析

1	Wang J, Hulme C. Frailty and socioeconomic status: a systematic review. Journal of Public Health Research. 2021;10(3):jphr.2021.2036. doi:10.4081/jphr.2021.2036
2	Wang X, Hu J, Wu D. Risk factors for frailty in older adults. Medicine. 2022;101(34):e30169. doi:10.1097/MD.00000000000030169

②日本人集団の個別疫学研究

3	佐藤菜々, 牧迫飛雄馬, 中井雄貴, 富岡一俊, 谷口善昭, 和田あゆみ, 木山良二, 堤本広大, 窪蘭琢郎, 竹中俊宏, 大石充. 地域在住高齢者における社会参加とサルコペニアとの関連(原著論文). 日本サルコペニア・フレイル学会誌. 2021;5(1):73-80.
4	Doi T, Makizako H, Tsutsumimoto K, et al. Transitional status and modifiable risk of frailty in Japanese older adults: A prospective cohort study. Geriatrics Gerontology Int. 2018;18(11):1562-1566. doi:10.1111/ggi.13525

■メタ解析、系統的レビュー

Reference			Include study						Design	Category	Relative risk (95% CI or p)	Weight	<u>Magnitude of association</u>
Author	Title	Year	Ref No.	First author	Year	Study period	Study location	Event (*Definition)					
Xinrui Wang, Jiji Hu, Diping Wu	Risk factors for frailty in older adults	2022	22	kume	2021	2 years	japan	Frailty	cross-sectional	Education frailty	mean difference -3.00(-4.18, -1.82)	24.1%	
										Pooled of 3 studies	-1.82(-2.40, -1.24)		

■コホート研究(コホートのプール解析含む)

Reference			Study subjects						Category	Number among cases	Relative risk (95%CI or p)	P for trend	Confounding variables considered	<u>Magnitude of association</u>
Author	Title	Year	Study period	Number of subjects	Source of subjects	Event followed	Number of incident cases or	Participant's race						
Takehiko Doi et al.,	Transitional status and modifiable risk of frailty in Japanese older adults: A prospective cohort study	2018	2011-2016 4 year follow up	4676	community-dwelling population.	frailty	4676	japan	non-frail	1978 reference				
									frail	354	OR 0.91(0.85-0.98)	0.014	age,sex,bmi,hypertension,stroke, heart disease, diabetes melitus, knee osteoarthritis, medication use, albumin, fall, GDS, MMSE,living alone	↓