

評価対象論文リスト(要因:大豆製品、アウトカム:認知症・認知機能低下)

評価判定日:2024/8/22

①既存の系統的レビュー・メタ解析・統合解析

1	Butler M, Nelson VA, Davila H, et al. Over-the-counter supplement interventions to prevent cognitive decline, mild cognitive impairment, and clinical alzheimer-type dementia: a systematic review. <i>Ann Intern Med.</i> 2018;168(1):52-62. doi:10.7326/M17-1530
2	Lehert P, Villaseca P, Hogervorst E, Maki PM, Henderson VW. Individually modifiable risk factors to ameliorate cognitive aging: a systematic review and meta-analysis. <i>Climacteric.</i> 2015;18(5):678-689. doi:10.3109/13697137.2015.1078106
3	Ahmad S, Ahmed SB, Khan A, et al. Natural remedies for Alzheimer's disease: A systematic review of randomized controlled trials. <i>Metab Brain Dis.</i> 2023;38(1):17-44. doi:10.1007/s11011-022-01063-9
4	Sekikawa A, Ihara M, Lopez O, et al. Effect of s-equol and soy isoflavones on heart and brain. <i>CCR.</i> 2019;15(2):114-135. doi:10.2174/1573403X15666181205104717
5	Nagata C. Soy intake and chronic disease risk: findings from prospective cohort studies in Japan. <i>Eur J Clin Nutr.</i> 2021;75(6):890-901. doi:10.1038/s41430-020-00744-x

②日本人個別研究(ランダム化比較試験、コホート研究、症例対照研究、横断研究などの個別疫学研究)

6	Murai U, Sawada N, Charvat H, et al. Soy product intake and risk of incident disabling dementia: the JPHC Disabling Dementia Study. <i>Eur J Nutr.</i> 2022;61(8):4045-4057. doi:10.1007/s00394-022-02937-5
7	Kishida R, Yamagishi K, Maruyama K, et al. Dietary intake of beans and risk of disabling dementia: The Circulatory Risk in Communities Study (Circs). <i>Eur J Clin Nutr.</i> 2023;77(1):65-70. doi:10.1038/s41430-022-01188-1
8	Ochiai R, Saitou K, Suzukamo C, Osaki N, Asada T. Effect of chlorogenic acids on cognitive function in mild cognitive impairment: a randomized controlled crossover trial. <i>JAD.</i> 2019;72(4):1209-1216. doi:10.3233/JAD-190757
9	SONIC Study Group, Okubo H, Inagaki H, et al. Association between dietary patterns and cognitive function among 70-year-old Japanese elderly: a cross-sectional analysis of the SONIC study. <i>Nutr J.</i> 2017;16(1):56. doi:10.1186/s12937-017-0273-2
10	Kato-Kataoka A, Sakai M, Ebina R, Nonaka C, Asano T, Miyamori T. Soybean-derived phosphatidylserine improves memory function of the elderly japanese subjects with memory complaints. <i>J Clin Biochem Nutr.</i> 2010;47(3):246-255. doi:10.3164/jcbn.10-62
11	Igase M, Igase K, Tabara Y, Ohyagi Y, Kohara K. Cross-sectional study of equol producer status and cognitive impairment in older adults. <i>Geriatrics Gerontology Int.</i> 2017;17(11):2103-2108. doi:10.1111/ggi.13029
12	Ozawa M, Ninomiya T, Ohara T, et al. Dietary patterns and risk of dementia in an elderly Japanese population: the Hisayama Study. <i>The American Journal of Clinical Nutrition.</i> 2013;97(5):1076-1082. doi:10.3945/ajcn.112.045575

■メタ解析

Reference			Include study						Design	Category	Relative risk (95% CI or p)	Weight	Magnitude of association	アウトカム	
Author	Title	Year	Ref No.	First author	Year	Study	Study location	Event							
Butler M	Over-the-Counter Supplement Interventions to Prevent Cognitive Decline, Mild Cognitive Impairment, and Clinical Alzheimer-Type Dementia: A Systematic Review	2018								Placebo	1.00 (ref)				
			22	Kato-Kataoka	2010	記載なし	Japan	Incidence	RCT	PS100	-	記載なし	-		
		2019	217	Nakamoto	2017	記載なし	Japan	Incidence	コホート研究	PS300	-	記載なし	-	RBMT,HDS-R,MMSE	
Sekikawa A	Effect of S-equol and Soy Isoflavones on Heart and Brain		218	Ozawa	2013	1988-2005	Japan	Incidence	コホート研究	Controls	1.00 (ref)	記載なし	-	MMSE	
										Score for dietary	1.00 (ref)	記載なし	-		
											Quartiles 2	-	記載なし	-	
											Quartiles 3	-	記載なし	-	
											Quartiles 4	-	記載なし	-	All-cause dementia
											Plant foods and f	1.00 (ref)	記載なし	-	
Nagata C	Soy intake and chronic disease risk: findings from prospective cohort studies in Japan	2021	220	Okubo	2017	2010	Japan	Incidence	横断研究	Quartiles 2	-	記載なし	-		
			82	Cui	2020	記載なし	Japan	Incidence	RCTs	Quartiles 3	-	記載なし	-	Montreal	
			83	Ozawa	2013	1988-2005	Japan	Incidence	コホート研究	Quartiles 4 (high-	-	記載なし	-	cognitive function	
			84	Tomata	2016	2006	Japan	Incidence	コホート研究	Control	1.00 (ref)	記載なし	-		
			85	Nakamoto	2017	記載なし	Japan	Incidence	コホート研究	Intervention	-	記載なし	-		
									Score for dietary	1.00 (ref)	記載なし	-			
									Quartiles 2	-	記載なし	-			
									Quartiles 3	-	記載なし	-			
									Quartiles 4	-	記載なし	-	All-cause dementia		
									Japanese Pattern	1.00 (ref)	記載なし	-			
									Quartiles 2	-	記載なし	-			
									Quartiles 3	-	記載なし	-			
									Quartiles 4 (high-	-	記載なし	-	cognitive function score (0, 1, 2, 3, or missing)		
									Controls	1.00 (ref)	記載なし	-	MMSE		