

評価対象論文リスト(要因:過剰飲酒(多量飲酒)、アウトカム:認知症・認知機能低下)

評価判定日:2024/2/19

①既存の系統的レビュー・メタ解析・統合解析

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| 1  | Lafortune L, Martin S, Kelly S, et al. Behavioural risk factors in mid-life associated with successful ageing, disability, dementia and frailty in later life: a rapid systematic review. Wang Y, ed. PLoS ONE. 2016;11(2):e0144405. doi:10.1371/journal.pone.0144405  |
| 2  | Xie C, Feng Y. Alcohol consumption and risk of Alzheimer's disease: A dose-response meta-analysis. <i>Geriatrics Gerontology Int.</i> 2022;22(4):278-285.  |
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| 4  | Song S, Stern Y, Gu Y. Modifiable lifestyle factors and cognitive reserve: A systematic review of current evidence. <i>Ageing Research Reviews.</i> 2022;74:101551. doi:10.1016/j.arr.2021.101551  |
| 5  | Ran LS, Liu WH, Fang YY, et al. Alcohol, coffee and tea intake and the risk of cognitive deficits: a dose-response meta-analysis. <i>Epidemiol Psychiatr Sci.</i> 2021;30:e13. doi:10.1017/S2045796020001183   |
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| 11 | Rehm J, Hasan OSM, Black SE, Shield KD, Schwarzing M. Alcohol use and dementia: a systematic scoping review. <i>Alz Res Therapy.</i> 2019;11(1):1. doi:10.1186/s13195-018-0453-0   |
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| 16 | Lafortune L, Martin S, Kelly S, et al. Behavioural risk factors in mid-life associated with successful ageing, disability, dementia and frailty in later life: a rapid systematic review. Wang Y, ed. PLoS ONE. 2016;11(2):e0144405. doi:10.1371/journal.pone.0144405  |

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| 19 | Di Marco LY, Marzo A, Muñoz-Ruiz M, et al. Modifiable lifestyle factors in dementia: a systematic review of longitudinal observational cohort studies. <i>JAD.</i> 2014;42(1):119-135. doi:10.3233/JAD-132225   |
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## ②日本人集団の個別疫学研究

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| 25 | Fujii A, Maruyama K, Shiba T, et al. The association between alcohol consumption and mild cognitive impairment: the toon health study. <i>Nippon Ronen Igakkai Zasshi.</i> 2020;57(3):300-307. doi:10.3143/geriatrics.57.300                                     |
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■メタ解析・系統的レビュー

| Reference         |  |      | Include study |              |           |              |                |                     | Design | Category                    | Relative risk (95% CI or p) | Weight | <b>Magnitude of association</b> | アウトカム   |      |           |       |           |        |              |            |
|-------------------|--|------|---------------|--------------|-----------|--------------|----------------|---------------------|--------|-----------------------------|-----------------------------|--------|---------------------------------|---|------|-----------|-------|-----------|--------|--------------|------------|
| Author            | Title  | Year | Ref No.       | First author | Year      | Study period | Study location | Event (*Definition) |        |                             |                             |        |                                 |   |      |           |       |           |        |              |            |
| Xie C             | Alcohol consumption and risk of Alzheimer's disease: A dose-response meta-analysis                                       | 2022 | 11            | Yoshitake    | 1995      | 1985-1992    | Japan          | Incidence           | Cohort | drinkers                    | 1.00 (ref)                  | 4.3    | Weak (弱い)                       | AD  |      |           |       |           |        |              |            |
|                   |  |      |               |              |           |              |                |                     |        | non-drinkers                | 0.56                        |        |                                 |   |      |           |       |           |        |              |            |
| Lao Y             | Association between alcohol intake, mild cognitive impairment and progression to dementia: a dose-response meta-analysis | 2021 | 32            | Bond         | 2004      | 1994-1996    | Japan          | Incidence           | Cohort | Current drinkers            | 1.00 (ref)                  | 記載なし   | -                               | Cognitive Abilities Screening Instrument (CASI) |      |           |       |           |        |              |            |
|                   |  |      |               |              |           |              |                |                     |        | past drinkers or abstainers | -                           |        |                                 |   |      |           |       |           |        |              |            |
| Wiegmann C        | Alcohol and Dementia - What is the Link? A Systematic Review   | 2020 | 31            | Moriyama     | 2006      | 記載なし         | Japan          | Incidence           | 総説     | -                           | -                           | 記載なし   | -                               | Dementia  |      |           |       |           |        |              |            |
|                   |  |      |               |              |           |              |                |                     |        | Alcohol                     | -                           |        |                                 |   |      |           |       |           |        |              |            |
|                   |  |      |               |              |           |              |                |                     |        | 55                          | Yoshitake                   |        |                                 |   | 1995 | 1985-1992 | Japan | Incidence | Cohort | drinkers     | 1.00 (ref) |
| non-drinkers      | -  |      |               |              |           |              |                |                     |        |                             |                             |        |                                 |   |      |           |       |           |        |              |            |
| Beydoun M         | Epidemiologic studies of modifiable factors associated with cognition and dementia: systematic review and meta-analysis  | 2014 | 114           | Bond         | 2004      | 1994-1996    | Japan          | Incidence           | Cohort | Current drinkers            | 1.00 (ref)                  | 記載なし   | -                               | Cognitive Abilities Screening Instrument (CASI) |      |           |       |           |        |              |            |
|                   |  |      |               |              |           |              |                |                     |        | past drinkers or abstainers | -                           |        |                                 |   |      |           |       |           |        |              |            |
| Piazza-Gardner AK | The impact of alcohol on Alzheimer's disease: a systematic review  | 2013 | 記載なし          | Yoshitake    | 1995      | 1985-1992    | Japan          | Incidence           | Cohort | non-drinkers                | 1.00 (ref)                  | 記載なし   | Strong (強い)                     | VaD   |      |           |       |           |        |              |            |
|                   |  |      |               |              |           |              |                |                     |        | drinkers                    | 2.34                        |        |                                 |   |      |           |       |           |        |              |            |
| Lee Y             | Systematic review of health behavioral risks and cognitive health in older adults  | 2010 | 記載なし          | Yamada       | 2003      | 1992-1997    | Japan          | Incidence           | Cohort | never                       | -                           | 記載なし   | -                               | VaD or AD                                       |      |           |       |           |        |              |            |
|                   |  |      |               |              |           |              |                |                     |        | former/current              | -                           |        |                                 |   |      |           |       |           |        |              |            |
| Anstey KJ         | Alcohol consumption as a risk factor for dementia and cognitive decline: meta-analysis of prospective studies            | 2009 | 26            | Bond         | 2004      | 1994-1996    | Japan          | Incidence           | Cohort | Current drinkers            | 1.00 (ref)                  | 記載なし   | -                               | Cognitive Abilities Screening Instrument (CASI) |      |           |       |           |        |              |            |
|                   |  |      |               |              |           |              |                |                     |        | past drinkers or abstainers | -                           |        |                                 |   |      |           |       |           |        |              |            |
|                   |  |      |               |              |           |              |                |                     |        | 32                          | Fujishima                   |        |                                 |   | 2002 | 1985-1992 | Japan | Incidence | Cohort | non-drinkers | 1.00 (ref) |
|                   |  |      |               |              |           |              |                |                     |        |                             |                             |        |                                 |   |      |           |       |           |        | drinkers     | 2.18       |
| 40                | Yoshitake  | 1995 | 1985-1992     | Japan        | Incidence | Cohort       | drinkers       | 1.00 (ref)          |        |                             |                             |        |                                 |   |      |           |       |           |        |              |            |

|          |   |      |    |           |      |           |       |           |        |              |            |       |            |          |
|----------|---|------|----|-----------|------|-----------|-------|-----------|--------|--------------|------------|-------|------------|----------|
|          |   |      | 72 | Yoshitake | 1995 | 1985-1992 | Japan | Incidence | Cohort | non-drinkers | 0.56       | 13.99 | Weak(弱い)   | AD       |
|          |   |      | 74 | Kondo     | 2002 | 記載なし      | Japan | Incidence | 総説     | -            | -          |       |            |          |
|          |   |      |    |           |      |           |       |           |        | Beer         | -          | 記載なし  | -          | Dementia |
| Peters R | Alcohol, dementia and cognitive decline in the elderly: a systematic review | 2008 | 49 | Fujishima | 2002 | 1985-1992 | Japan | Incidence | Cohort | non-drinkers | 1.00 (ref) |       |            |          |
|          |   |      |    |           |      |           |       |           |        | drinkers     | 2.18       | 記載なし  | Strong(強い) | VaD      |
|          |   |      | 50 | Yoshitake | 1995 | 1985-1992 | Japan | Incidence | Cohort | non-drinkers | 1.00 (ref) |       |            |          |
|          |   |      |    |           |      |           |       |           |        | drinkers     | 2.34       | 記載なし  | Strong(強い) | VaD      |