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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplementary Table 4-1. Quality Assessment (Cross-sectional and Cohort studies) | | | | | | | | | | | | | | | | | | | | | | | | |  | |  | |  |  | |  | |  |  | |  |
| **Factors** | | **Study** | | **1** | **2** | | **3** | | | **4** | **5** | | **6** | | | **7** | | **8** | | **9** | | | **10** | | | **11** | | **12** | **13** | **14** | | | **Score**† | | **Rating**‡ | | |
| **Intrapersonal protective factors** | | | |  |  | |  | | |  |  | |  | | |  | |  | |  | | |  | | |  | |  |  |  | | |  | |  | | |
| Perceived control | | Liu et al. 2023 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 0 | 0 | 1 | | | 9 | | Fair | | |
|  | | Stolz et al. 2016 | | 1 | 1 | | 1 | | | 1 | 0 | | 1 | | | 1 | | 1 | | 0 | | | 0 | | | 1 | | 1 | 1 | 0 | | | 10 | | Poor | | |
|  | | Aviad & Cohen-Louck. 2021 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 0 | 0 | 0 | | | 6 | | Fair | | |
|  | | Malfent et al. 2010 | | 1 | 0 | | 0 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 7 | | Fair | | |
| Well-being and | | Erlangsen et al. 2021 | | 1 | 1 | | 1 | | | 1 | 0 | | 1 | | | 1 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 10 | | Fair | | |
| quality of life | | Lee, et al. 2019 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 7 | | Fair | | |
|  | | Kim et al, 2014 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Heisel & Flett. 2008 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 0 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 7 | | Fair | | |
| Life satisfaction | | Erlangsen et al. 2021 | | 1 | 1 | | 1 | | | 1 | 0 | | 1 | | | 1 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 10 | | Fair | | |
|  | | Won et al. 2021 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Foroughan et al. 2020 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Lu et al. 2020 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Ramirez Arango et al. 2020 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 10 | | Fair | | |
|  | | Yilmaz & Karaca. 2020 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 10 | | Fair | | |
|  | | Ge et al.2017 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 10 | | Poor | | |
| Purpose in life | | Aviad & Cohen-Louck. 2021 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 0 | 0 | 0 | | | 6 | | Poor | | |
|  | | Beach et al. 2021 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 7 | | Fair | | |
|  | | Heisel & Flett. 2016 | | 1 | 1 | | 1 | | | 1 | 0 | | 1 | | | 1 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 1 | 1 | | | 12 | | Good | | |
|  | | Heisel & Flett. 2008 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 7 | | Fair | | |
|  | | Heisel et al. 2016 | | 1 | 1 | | 1 | | | 1 | 0 | | 1 | | | 1 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 1 | 1 | | | 12 | | Good | | |
| Resilience | | Liu et al. 2023 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 0 | 0 | 1 | | | 9 | | Fair | | |
|  | | Yang et al. 2021 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 0 | 0 | 1 | | | 9 | | Fair | | |
|  | | Zhang et al. 2021 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 0 | 0 | 1 | | | 9 | | Fair | | |
|  | | Cha & Lee. 2018 | | 1 | 0 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | You & Park. 2017 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 10 | | Fair | | |
|  | | Liu et al. 2014 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
| Coping | | Yoon et al. 2022 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 9 | | Fair | | |
|  | | Ahn & Kim. 2015 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 7 | | Fair | | |
|  | | Marty et al. 2010 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 7 | | Fair | | |
| Hope | | Beach et al. 2021 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 7 | | Fair | | |
|  | | Cheavens et al. 2016 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Kinory et al. 2020 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Simmons et al. 2021 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Lee et al. 2019 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 7 | | Fair | | |
| Religiosity | | Jeong et al 2019 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 0 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Nishi et al 2017 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 1 | | 1 | | 1 | | | 1 | | | 1 | | 1 | 1 | 1 | | | 13 | | Good | | |
|  | | Heisel & Fleet. 2008 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 0 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 7 | | Fair | | |
|  | | Yen et al. 2005 | | 1 | 0 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 0 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
| **Interpersonal protective factors** | | | |  |  | |  | | |  |  | |  | | |  | |  | |  | | |  | | |  | |  |  |  | | |  | |  | | |
| Sense of belonging | | Beach et al. 2021 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 7 | | Fair | | |
|  | | Shim et al. 2021 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 7 | | Fair | | |
|  | | Kinory et al. 2020 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Cheavens et al. 2016 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Guidry et al. 2016 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Jahn et al. 2015 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 0 | 0 | 1 | | | 7 | | Fair | | |
|  | | McLaren et al. 2015 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 7 | | Fair | | |
|  | | Vanderhorst et al. 2005 | | 1 | 0 | | 0 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 6 | | Poor | | |
| Positive relationship | | Bernier et al. 2020 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 0 | | 0 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Yu et al. 2019 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Neufeld et al. 2015 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 0 | | 0 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
| Social support | | Park et al. 2022 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Shiraly et al. 2022 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Won et al. 2021 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Nie et al. 2020 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 10 | | Fair | | |
|  | | Ramírez Arango et al. 2020 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Bennardi et al. 2019 | | 1 | 1 | | 1 | | | 1 | 0 | | 1 | | | 1 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 11 | | Good | | |
|  | | Mizuno et al. 2019 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 8 | | Fair | | |
|  | | Cha et al. 2018 | | 1 | 0 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Sun et al. 2018 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Ge et al. 2017 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 10 | | Fair | | |
|  | | Noguchi et al. 2017 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Dong et al. 2016 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Noguchi et al. 2014 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 8 | | Fair | | |
|  | | Almeida et al. 2012 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Saias et al. 2012 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 8 | | Fair | | |
|  | | Vasilidas et al. 2012 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Awata et al. 2005 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Vanderhorst et al. 2005 | | 1 | 0 | | 0 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 6 | | Poor | | |
| Social connectedness | | Paek et al. 2022 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 10 | | Fair | | |
|  | | Shiraly et al. 2022 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 10 | | Fair | | |
|  | | Dong et al. 2021 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Erlangsen et al. 2021 | | 1 | 1 | | 1 | | | 1 | 0 | | 1 | | | 1 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 10 | | Fair | | |
|  | | Ko et al. 2021 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 0 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Chang et al. 2018 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 9 | | Fair | | |
|  | | Kwon et al. 2018 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 0 | | 0 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Li et al. 2016 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 10 | | Fair | | |
|  | | Park et al. 2016 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 0 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Stolz et al. 2016 | | 1 | 1 | | 1 | | | 1 | 0 | | 1 | | | 1 | | 1 | | 0 | | | 0 | | | 1 | | 1 | 1 | 0 | | | 10 | | Fair | | |
|  | | Ahn & Kim. 2015 | | 1 | 0 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 8 | | Fair | | |
|  | | Jang et al. 2014 | | 1 | 1 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 0 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Kang et al. 2013 | | 1 | 1 | | 1 | | | 1 | 0 | | 1 | | | 1 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 11 | | Good | | |
| Social participation | | Erlangsen et al. 2021 | | 1 | 1 | | 1 | | | 1 | 0 | | 1 | | | 1 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 10 | | Fair | | |
|  | | Lutzman et al. 2021 | | 1 | 0 | | 1 | | | 1 | 0 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 7 | | Fair | | |
|  | | Bernier et al. 2020 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 0 | | 0 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Jeong et al. 2020 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 0 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 8 | | Fair | | |
|  | | Kwon et al. 2018 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 0 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 9 | | Fair | | |
|  | | Cheung et al. 2017 | | 1 | 0 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 0 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
|  | | Ra et al. 2013 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 1 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 10 | | Fair | | |
|  | | Saïas et al. 2012 | | 1 | 1 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 0 | | 1 | | | 0 | | | 1 | | 1 | 0 | 0 | | | 8 | | Fair | | |
|  | | Yen et al. 2005 | | 1 | 0 | | 1 | | | 1 | 1 | | 0 | | | 0 | | 0 | | 1 | | | 0 | | | 1 | | 1 | 0 | 1 | | | 8 | | Fair | | |
| \*Quality of included studies was assessed using the National Institutes of Health (NIH) Quality Assessment Tool for Observational Cohort and Cross-Sectional Studies (https://www.nhlbi.nih.gov/health-topics/study-quality-assessment-tools). 1. Was the research question or objective in this paper clearly stated? 2. Was the study population clearly specified and defined? 3. Was the participation rate of eligible persons at least 50%? 4. Were all the subjects selected or recruited from the same or similar populations (including the same time period)? Were inclusion and exclusion criteria for being in the study prespecified and applied uniformly to all participants? 5. Was a sample size justification, power description, or variance and effect estimates provided? 6. For the analyses in this paper, were the exposure(s) of interest measured prior to the outcome(s) being measured? 7. Was the timeframe sufficient so that one could reasonably expect to see an association between exposure and outcome if it existed? 8. For exposures that can vary in amount or level, did the study examine different levels of the exposure as related to the outcome (e.g., categories of exposure, or exposure measured as continuous variable)? 9. Were the exposure measures (independent variables) clearly defined, valid, reliable, and implemented consistently across all study participants? 10. Was the exposure(s) assessed more than once over time? 11. Were the outcome measures (dependent variables) clearly defined, valid, reliable, and implemented consistently across all study participants? 12. Were the outcome assessors blinded to the exposure status of participants? 13. Was loss to follow-up after baseline 20% or less? 14. Were key potential confounding variables measured and adjusted statistically for their impact on the relationship between exposure(s) and outcome(s)? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| † Total Score: Number of yes (1); zero includes CD(cannot be determined), NA(not applicable), NR(not reported), N(no)  ‡Quality Rating: Poor (<50%), Fair (50 to 74%), Good (≥75%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | |  |  | |  | |  | | |  | | |  | | |  | | |  | | | |  |  | |  | | |  | |  | |
| Supplementary Table 4-2. Quality Assessment (Case-control studies) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | **Factors** | | **Study** | **1** | | **2** | | | **3** | | **4** | | | **5** | | | **6** | | **7** | | | **8** | | **9** | | | | **10** | **11** | | **12** | | | **Score**† | | **Rating**‡ | |
| **Individual Factors** | Well-being and quality of life | | Chen et al, 2022 | 1 | | 1 | | | 0 | | 1 | | | 0 | | | 1 | | 1 | | | 0 | | 0 | | | | 1 | 0 | | 0 | | | 6 | | Fair | |
| Religiosity | | Tsoh et al. 2005 | 1 | | 0 | | | 0 | | 1 | | | 0 | | | 1 | | 0 | | | 0 | | 0 | | | | 1 | 0 | | 1 | | | 5 | | Poor | |
| **Interpersonal Factors** | Social support | | Liu et al. 2018 | 1 | | 1 | | | 0 | | 1 | | | 1 | | | 1 | | 1 | | | 0 | | 0 | | | | 1 | 0 | | 1 | | | 8 | | Fair | |
| Social connectedness | | Turvey et al. 2002 | 1 | | 1 | | | 0 | | 1 | | | 1 | | | 1 | | 1 | | | 1 | | 1 | | | | 1 | 0 | | 0 | | | 9 | | Good | |
| \*Quality of included studies was assessed using the National Institutes of Health (NIH) Quality Assessment of Case-Control Studies (https://www.nhlbi.nih.gov/health-topics/study-quality-assessment-tools). 1. Was the research question or objective in this paper clearly stated and appropriate? 2. Was the study population clearly specified and defined? 3. Did the authors include a sample size justification? 4. Were controls selected or recruited from the same or similar population that gave rise to the cases (including the same timeframe)? 5. Were the definitions, inclusion and exclusion criteria, algorithms or processes used to identify or select cases and controls valid, reliable, and implemented consistently across all study participants? 6. Were the cases clearly defined and differentiated from controls? 7. If less than 100 percent of eligible cases and/or controls were selected for the study, were the cases and/or controls randomly selected from those eligible? 8. Was there use of concurrent controls? 9. Were the investigators able to confirm that the exposure/risk occurred prior to the development of the condition or event that defined a participant as a case? 10. Were the measures of exposure/risk clearly defined, valid, reliable, and implemented consistently (including the same time period) across all study participants? 11. Were the assessors of exposure/risk blinded to the case or control status of participants? 12. Were key potential confounding variables measured and adjusted statistically in the analyses? If matching was used, did the investigators account for matching during study analysis? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| †Total Score: Number of yes (1); zero includes CD(cannot be determined), NA(not applicable), NR(not reported), N(no)  ‡Quality Rating: Poor (<50%), Fair (50 to 74%), Good (≥75%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |