

## JBI Assessment: Quasi-Experimental

| Study ID                     | 1-Is it clear in the study what is the 'cause' and what is the 'effect' (i.e. there is no confusion about which variable comes first)? | 2-Were the participants included in any comparisons similar? | 3-Were the participants included in any comparisons receiving similar treatment/care, other than the exposure or intervention of interest? | 4-Was there a control group? | 5-Were there multiple measurements of the outcome both pre and post the intervention/exposure? | 6-Was follow up complete and if not, were differences between groups in terms of their follow up adequately described and analyzed? | 7-Were the outcomes of participants included in any comparisons measured in the same way? | 8-Were outcomes measured in a reliable way? | 9-Was appropriate statistical analysis used? |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------|
| Assah et al 2015             | YES                                                                                                                                    | YES                                                          | YES                                                                                                                                        | YES                          | YES                                                                                            | Unclear                                                                                                                             | YES                                                                                       | YES                                         | YES                                          |
| Haltiwanger, 2012            | YES                                                                                                                                    | No                                                           | No                                                                                                                                         | No                           | YES                                                                                            | YES                                                                                                                                 | YES                                                                                       | YES                                         | YES                                          |
| Hu et al., 2016              | YES                                                                                                                                    | YES                                                          | YES                                                                                                                                        | YES                          | YES                                                                                            | YES                                                                                                                                 | YES                                                                                       | YES                                         | YES                                          |
| McEwen et al., 2010          | YES                                                                                                                                    | YES                                                          | YES                                                                                                                                        | YES                          | YES                                                                                            | Unclear                                                                                                                             | YES                                                                                       | YES                                         | YES                                          |
| Hu et al., 2013              | YES                                                                                                                                    | YES                                                          | YES                                                                                                                                        | No                           | YES                                                                                            | YES                                                                                                                                 | YES                                                                                       | YES                                         | YES                                          |
| García-Huidobro et al., 2010 | YES                                                                                                                                    | YES                                                          | YES                                                                                                                                        | No                           | YES                                                                                            | No                                                                                                                                  | YES                                                                                       | YES                                         | YES                                          |
| Shaya et al., 2013           | YES                                                                                                                                    | YES                                                          | No                                                                                                                                         | YES                          | YES                                                                                            | YES                                                                                                                                 | YES                                                                                       | YES                                         | YES                                          |
| Tang et al., 2022            | No                                                                                                                                     | No                                                           | No                                                                                                                                         | No                           | YES                                                                                            | YES                                                                                                                                 | YES                                                                                       | YES                                         | YES                                          |