Table E-7. Risk of Bias, Comparative Studies

| **Author, Year**  **PMIDS\*** | **Randomization: allocation sequence adequately generated** | **Allocation adequately concealed** | **Participants adequately blinded** | **Outcome assessors adequately blinded** | **Attrition bias: Incomplete outcome data** | **Selective outcome reporting bias (Yes/No)** | **Intention-to-treat analysis? (Yes/No)** | **Group similarity at baseline (general)** | **Group similarity at baseline (Omega-3)** | **Similar compliance across groups** | **Additional bias** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Baxheinrich, 2012, 22894911 | Unclear | Unclear | High | Low | Low | No | No | Low | Unclear | High |  |
| DRKS00006232 (Baxheinrich, 2012, 22894911) | Unclear | Unclear | Low | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Bosch, 2012, 22686415 | Unclear | Low | Low | Low | Low | No | No | Low | Low | Unclear |  |
| NCT00069784 (Bosch, 2012, 22686415) | Unclear | Unclear | Low | Unclear | Unclear (numbers lost to followup given for the wrong arms) | Unclear | Yes | Unclear (baselines given for wrong arms) | Unclear (baselines given for wrong arms) | Unclear (baselines given for wrong arms) |  |
| Brinton, 2013, 22819432  23835245 | Unclear | Low | Low | Low | Low | No | Yes | Low | Unclear | Unclear |  |
| NCT01047501 (Brinton, 2013,  23835245) | Unclear | Low | Low | Low | Unclear | No | Yes | Unclear | Unclear | Unclear | No |
| Brouwer, 2006, 16772624 | Low | Low | Low | Low | Low | No | Yes | Low | Low | Low |  |
| NCT00110838 (Brouwer, 2006, 16772624) | Unclear | Low | Low | Low | Unclear | No | Unclear | Low | Unclear | Unclear | No |
| Damsgaard, 2008, 18492834 | Low | Low | Low | Low | Low | No | Yes | Low | Low | Low |  |
| NCT00266292 (Damsgaard, 2008, 18492834) | Unclear | Low | Low | Low | Unclear | No | Yes | Low | Unclear | Unclear | No |
| Galan, 2010, 18544171  21115589  21801476  22365647 | Low | Low | Low | Unclear | Low | No | Yes | Low | Low | Low |  |
| ISRCTN41926726 (Galan, 2010, 1  21115589) | Unclear | Unclear | Low | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Holman, 2009, 19002433  21036355 | Low | Low | Low | Low | Low | Yes | No | Low | Low | Low |  |
| NCT00141232 and ISRCTN76737502 (Holman, 2009, 19002433) | Unclear | Unclear | Low | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Jones, 2014, 24829493 | Low | Low | Low | Low | High | No | Unclear | Low | Low | Low |  |
| NCT01351012 (Jones, 2014, 24829493) | Unclear | Low | Low | Low | Unclear | No | Yes | Unclear | Unclear | Unclear | No |
| Kastelein, 2014, 24528690 | Unclear | Unclear | Low | Unclear | Low | No | Yes | Low | Low | High |  |
| NCT01242527 (Kastelein, 2014, 24528690) | Unclear | Unclear | Low | Low | Low | Unclear | Yes | Unclear (only demographic information given) | Unclear | Unclear |  |
| Kromhout, 2010,  20362710  20929341  22110169  22301766 | Low | Low | Low | Low | Low | No | Yes | Low | Low | High |  |
| NCT00127452 (Kromhout, 2010,  20929341) | Unclear | Low | Low | Low | Unclear | No | Yes | Unclear | Unclear | Unclear | No |
| Kuhnt, 2014, 24553695 | Low | Low | Low | Low | Low | No | No | Low | Low | Unclear |  |
| NCT01856179 (Kuhnt, 2014, 24553695) | Low | Unclear | Low | Low | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Leaf, 2005, 16267249 | Low | Unclear | Low | Low | Low | No | Yes | Low | Low | Low |  |
| NCT00004559 (Leaf, 2005, 16267249) | Unclear | Low | Low | Low | Unclear | No | Yes | Unclear | Unclear | Unclear | No |
| Macchia, 2013, 23265344 | Unclear | Low | Low | Low | Unclear | No | No | Low | Unclear | Unclear |  |
| NCT00597220 (Macchia, 2013, 23265344) | Low | Unclear | Low | Low | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Maki, 2010, 17825687  20451686 | Low | Low | Low | Low | Low | No | Yes | High | Unclear | Low |  |
| NCT00246701 (Maki, 2010,  20451686) | Low | Unclear | Low | Low | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Maki, 2013, 23998969 | Unclear | Unclear | Low | Low | High | No | Yes | Low | Low | Low |  |
| NCT01408303 (Maki, 2013, 23998969) | Unclear | Unclear | Low | Unclear | Low | No | Yes | Unclear (only age and gender baselines given) | Unclear | Low |  |
| Nodari, 2011, 21844082 | Low | Low | Low | Low | Unclear | No | No | Low | Unclear | Unclear |  |
| NCT01198275 (Nodari, 2011, 21844082) | Unclear | Unclear | Low | Unclear | Low | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Raitt, 2005, 15956633 | Unclear | Low | Low | Low | Low | No | No | Low | Unclear | Unclear |  |
| NCT00004558 (Raitt, 2005, 15956633) | Unclear | Unclear | Low | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Ras, 2015, 25122648 | Low | Low | Low | Low | Low | Yes | Yes | Low | Unclear | Low |  |
| NCT01313988 (Ras, 2015, 25122648) | Unclear | Low | Low | Low | Unclear | No | Yes | Unclear | Unclear | Unclear | No |
| Rauch, 2010, 21060071 | Low | Low | Low | Low | Low | No | Yes | Low | Unclear | Low | Unclear (High underlying levels of fish consumption during the study could have influenced the clinical event rate during followup.) |
| NCT00251134 (Rauch, 2010, 21060071) | Low | Unclear | Low | Low | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Rodriguez-Leyva, 2013, 24126178  25694068 | Low | Low | High | Low | Low | No | Yes | Low | Low | Low |  |
| NCT00781950 (Rodriguez-Leyva, 2013, 24126178) | Unclear | Unclear | Low | Unclear | High (greater than 20% not completed in both arms (22% ALA; 21% placebo)) | Unclear | Unclear | Unclear (only demographic baselines given) | Unclear | Unclear (no compliance data given) |  |
| Roncaglioni, 2013, 23656645 | Low | Low | Low | Low | Low | No | Yes | Low | Low | Low |  |
| NCT00317707 (Roncaglioni, 2013, 23656645) | Low | High | Low | Low | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Sanders, 2011, 21865334 | Low | Low | Low | Low | Low | No | No | Low | Low | Low |  |
| ISRCTN66664610 (Sanders, 2011, 21865334) | Unclear | Unclear | Low | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |  |
| Tavazzi, 2008, 18757090  19589110  21315217  23351824  23839902 | Low | Low | Low | Low | Low | Yes | Yes | Low | Low | Low |  |
| NCT00336336 (Tavazzi, 2008, 18757090) | Unclear | Low | Low | Low | Unclear | No | Yes | Unclear | Unclear | Unclear | No |
| Vazquez, 2014, 24462043 | Low | Low | Low | Low | Low | No | Yes | Low | Unclear | Low |  |
| NCT01758601 (Vazquez, 2014, 24462043) | Unclear | Low | Low | Low | Unclear | No | Yes | Unclear | Unclear | Unclear | No |
| Yokoyama, 2007, 17398308  18451347  18667204  19423946  20484828  22186099  22653220 | Low | Low | High | Low | Low | No | Yes | Low | Unclear | Unclear |  |
| NCT00231738 (Yokoyama, 2007, 17398308) | Unclear | High | High | High | Unclear | No | Yes | Unclear | Unclear | Unclear | No |

\* Author, year of primary study. PMIDs of all included articles.