| Quality assessment   |                      |                 |               |              |              |                      | Number of patients           |         | Effect                  |  |                  |            |
|--|----------------------|-----------------|---------------|--------------|--------------|----------------------|------------------------------|---------|-------------------------|--|------------------|------------|
| Number of studies  | Study design         | Risk of<br>bias | Inconsistency | Indirectness | Imprecision  | Other considerations | Comparison 3:<br>simvastatin | placebo | Relative<br>(95%<br>CI) | Absolute<br>(95% CI)                             | Quality          | Importance |
| Cognitive abilities (follow up: 52 weeks; assessed with: Neuropsychological Assessment of Dementia in Intellectual Disabilities battery) |                      |                 |               |              |              |                      |                              |         |                         |  |                  |            |
| 1  | randomised trials    | not serious     | not serious   | not serious  | very serious | none                 | 10                           | 11      |                         | MD <b>10 higher</b><br>(0.4 lower to 1.6 higher) | ⊕⊕⊜<br>Low       | CRITICAL   |
| Quality of life – not reported   |                      |                 |               |              |              |                      |                              |         |                         |  |                  |            |
| -  | -                    | -               | -             | -            | -            |                      |                              |         |                         |  | -                | CRITICAL   |
| Community participation and meaningful occupation – not reported   |                      |                 |               |              |              |                      |                              |         |                         |  |                  |            |
| -  | -                    | -               | -             | -            | -            |                      |                              |         |                         |  | -                | CRITICAL   |
| Adaptive functioning (follow up: 52 weeks; assessed with: AAMR: ABS)   |                      |                 |               |              |              |                      |                              |         |                         |  |                  |            |
| 1  | randomised<br>trials | not serious     | not serious   | not serious  | very serious | none                 | 10                           | 11      | -                       | MD <b>0.7 higher</b><br>(0 to 1.4 higher)        | <b>⊕⊕</b> ○○ Low | IMPORTANT  |

<sup>1.</sup> Downgraded two levels for serious imprecision (wide confidence interval) and small number of events.