**Supplementary Table 5.** Results from Egger’s test and trim and fill analysis

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Egger’s test*P* value | Before trim and fill | After trim and fill |
| *P* value | SMD | NO. studies | *P* value | SMD | NO. studies |
| Escape latency | < 0.001 | P < 0.05 | -2.98 | 19 | P > 0.05 | -2.01 | 25 |
| times of crossing platform | < 0.001 | P < 0.05 | 2.94 | 14 | P < 0.05 | 1.69 | 20 |
| time spent in the target quadrant | < 0.05 | P < 0.05 | 2.27 | 14 | P < 0.05 | 1.80 | 16 |
| Aβ1-42 | < 0.001 | P < 0.05 | -3.62 | 10 | P > 0.05 | -2.47 | 13 |

NO, number; Aβ1-42, amyloid beta 42; SMD, standardized mean difference.