



| Study          | Individuals (HC/AD) | Samples (HC/AD) | Weights (%) | SMD [95% CI]         |
|----------------|---------------------|-----------------|-------------|----------------------|
| lauterborn2021 | 7/8                 | 7/8             | 8.047       | -1.62 [-2.84, -0.41] |
| govindpani2020 | 6/6                 | 24/24           | 17.675      | 0.62 [ 0.28, 0.96]   |
| nagga1999      | 23/18               | 46/36           | 19.565      | 0.01 [-0.06, 0.08]   |
| simpson1988    | 8/6                 | 16/12           | 18.163      | -0.57 [-0.86, -0.28] |
| hardy1987      | 7/8                 | 28/32           | 12.534      | -2.07 [-2.83, -1.30] |
| poirel2018     | 63/119              | 63/119          | 17.987      | -0.39 [-0.70, -0.08] |
| li2017         | 4/4                 | 4/4             | 6.03        | -0.94 [-2.46, 0.58]  |
| All studies    | 118/169             | 188/235         | 100         | -0.51 [-0.96, -0.06] |

table10 – pvalue=0.027

