**(a) PD**



|  Study | Mean Difference IV, Random, 95% CI |
| --- | --- |
| Omitting Sangwan A, 2013 | −0.16 [−0.41; 0.10] |
| Omitting Sangwan A, 2016 | −0.31 [−0.56; −0.05] |
| Omitting Sayar F, 2016 | −0.16 [−0.44; 0.11] |
| Omitting Sayar F, 2017 | −0.29 [−0.59; 0.02] |
| **Total (95% CI)** | **−0.23 [−0.46; 0.00]** |

**(b) CAL**



|  Study | Mean Difference IV, Random, 95% CI |
| --- | --- |
| Omitting Sangwan A, 2013 | −0.02 [−0.33; 0.29] |
| Omitting Sangwan A, 2016 | −0.18 [−0.34; −0.02] |
| Omitting Sayar F, 2016 | −0.00 [−0.40; 0.39] |
| Omitting Sayar F, 2017 | 0.00 [−0.39; 0.40] |
| **Total (95% CI)** | **−0.06 [−0.31; 0.19]** |

**(c) PI**



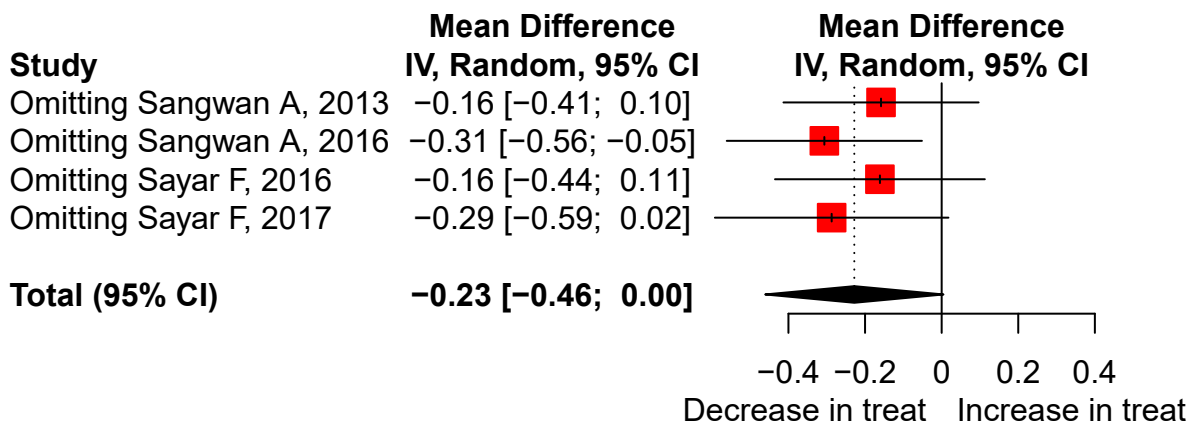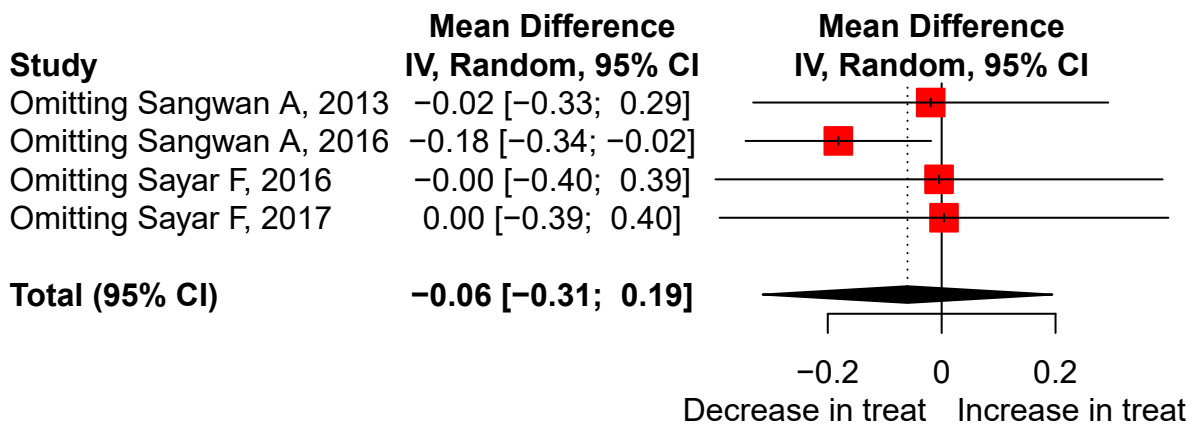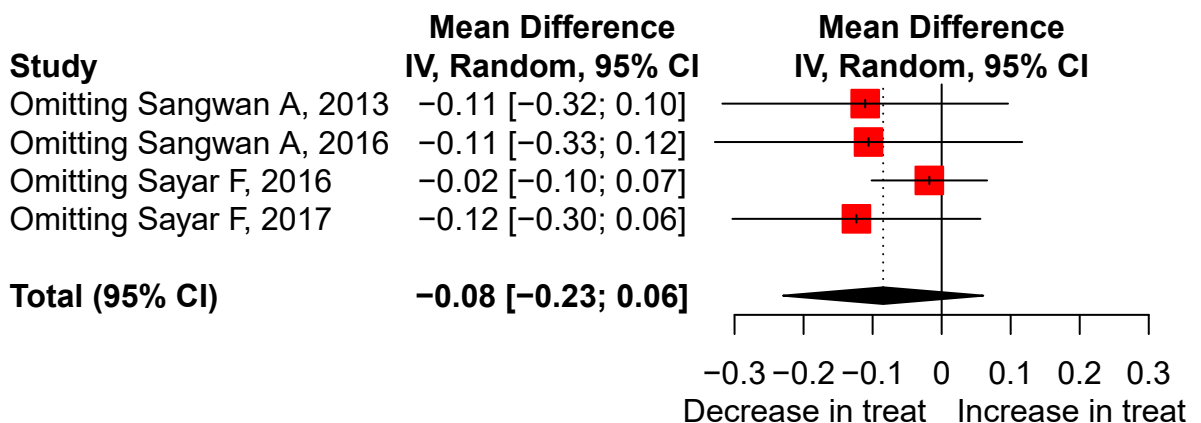|  Study | Mean Difference IV, Random, 95% CI |
| --- | --- |
| Omitting Sangwan A, 2013 | −0.11 [−0.32; 0.10] |
| Omitting Sangwan A, 2016 | −0.11 [−0.33; 0.12] |
| Omitting Sayar F, 2016 | −0.02 [−0.10; 0.07] |
| Omitting Sayar F, 2017 | −0.12 [−0.30; 0.06] |
| **Total (95% CI)** | **−0.08 [−0.23; 0.06]** |

**Supplementary Figure 6. Sensitivity analysis of mean difference for comparisons: lipid-lowering treatment versus non-treatment among hyperlipidemia patients. (**a)PD; (b)CAL; (c)PI. Sensitivity analyses were conducted using the leave-one-out method, which removes one study each time and repeats the analysis. The results were robust regardless if any one study was omitted for PI comparison. PD: probing depth, CAL: clinical attachment level, PI: plaque index