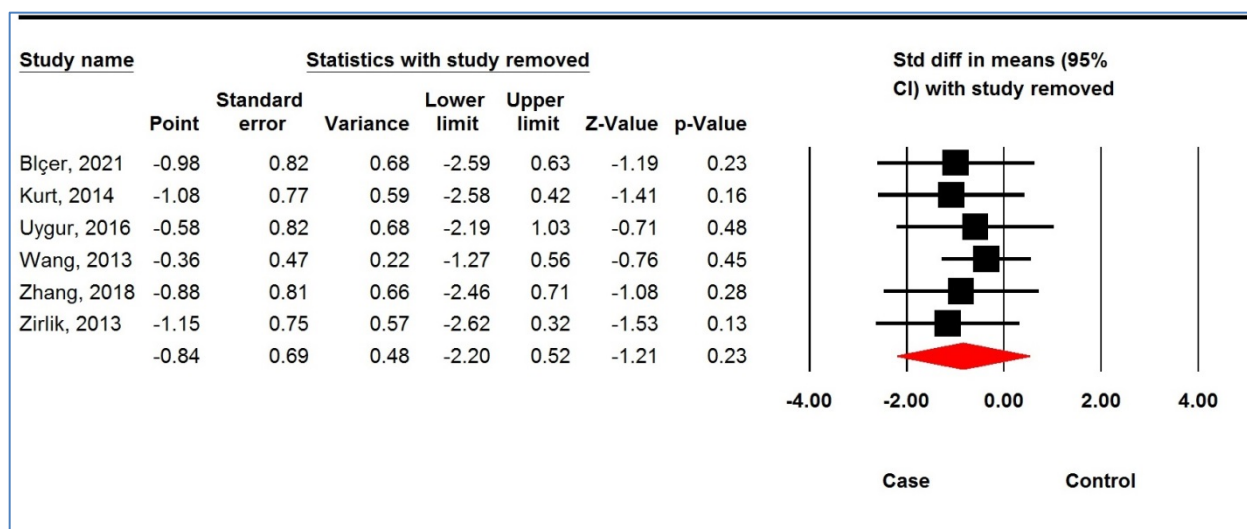
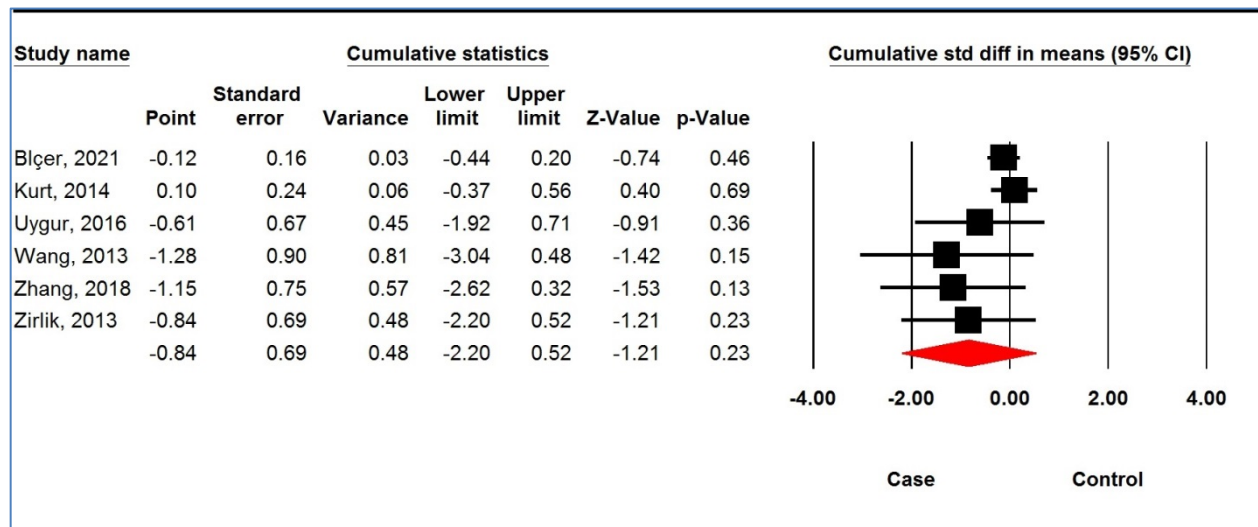


**Table S1:** The Joanna Briggs Institute (JBI) Critical Appraisal Checklist for case-control studies

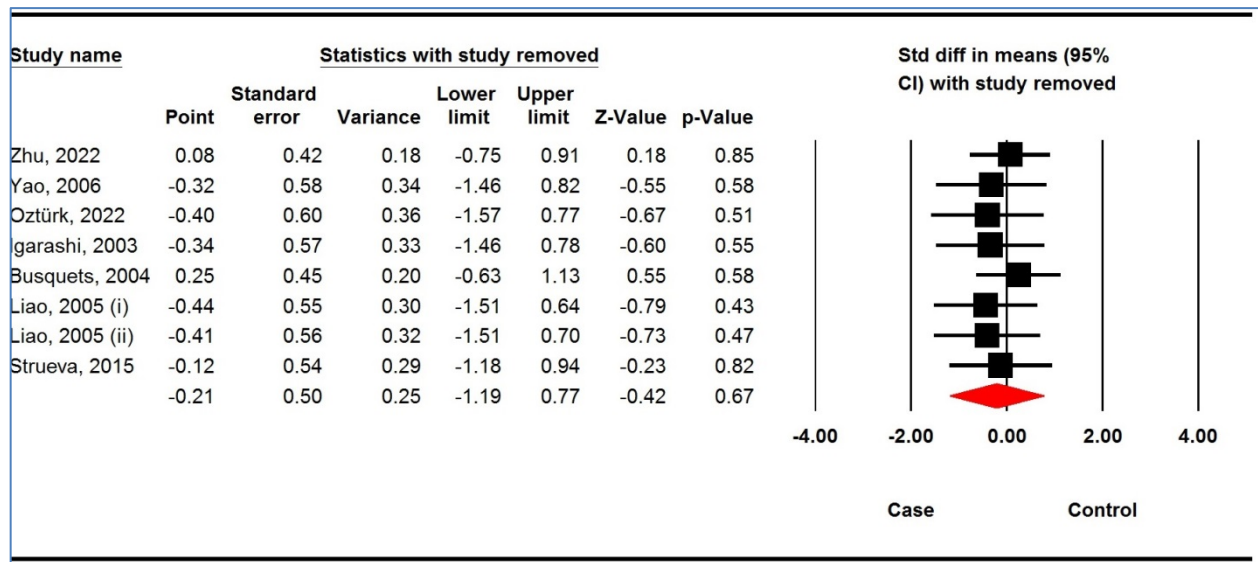
<b>I. The Joanna Briggs Institute (JBI) Critical Appraisal Checklist for case-control study (last amended in 2017)</b>				
<b>Website:</b> <a href="https://joannabriggs.org/critical_appraisal_tools">https://joannabriggs.org/critical_appraisal_tools</a> <a href="https://wiki.joannabriggs.org/display/MANUAL/Appendix+7.2+Critical+appraisal+checklist+for+case-control+studies">https://wiki.joannabriggs.org/display/MANUAL/Appendix+7.2+Critical+appraisal+checklist+for+case-control+studies</a>				
Major Components	Response options			
1. Were the groups comparable other than the presence of disease in cases or the absence of disease in controls?	Yes	No	Unclear	Not applicable
2. Were cases and controls matched appropriately?	Yes	No	Unclear	Not applicable
3. Were the same criteria used for identification of cases and controls?	Yes	No	Unclear	Not applicable
4. Was exposure measured in a standard, valid and reliable way?	Yes	No	Unclear	Not applicable
5. Was exposure measured in the same way for cases and controls?	Yes	No	Unclear	Not applicable
6. Were confounding factors identified?	Yes	No	Unclear	Not applicable
7. Were strategies to deal with confounding factors stated?	Yes	No	Unclear	Not applicable
8. Were outcomes assessed in a standard, valid and reliable way for cases and controls?	Yes	No	Unclear	Not applicable
9. Was the exposure period of interest long enough to be meaningful?	Yes	No	Unclear	Not applicable
10. Was appropriate statistical analysis used?	Yes	No	Unclear	Not applicable



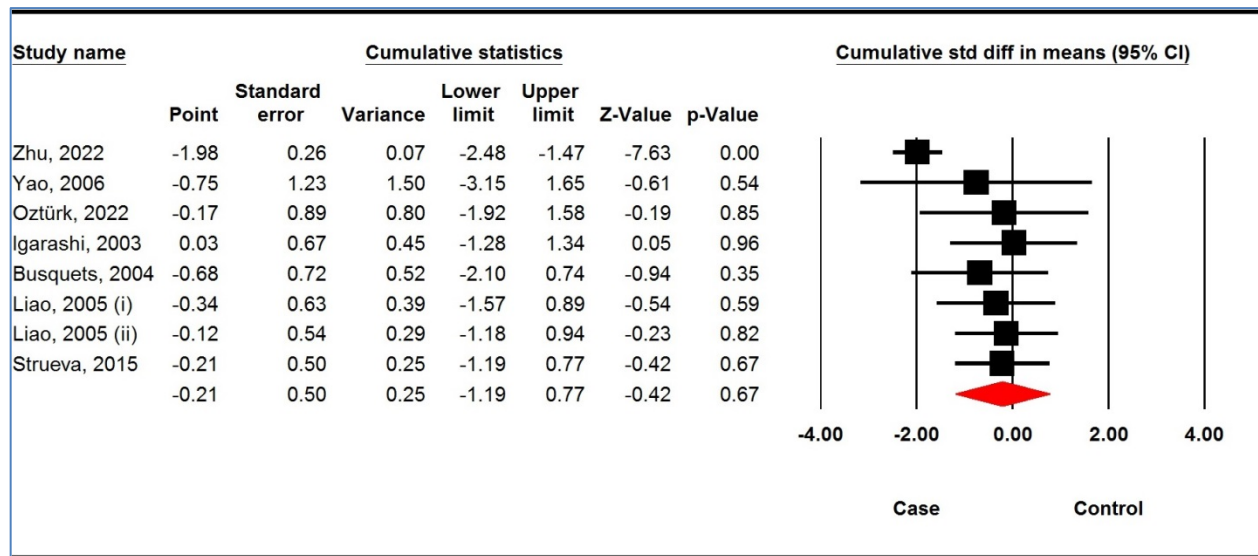
**Figure S1:** One-study-remove analysis of blood omentin-1 levels in adults with OSA compared to controls



**Figure S2:** Cumulative analysis of blood omentin-1 levels in adults with OSA compared to controls



**Figure S3:** One-study-remove analysis of blood orexin-A levels in adults with OSA compared to controls



**Figure S4:** Cumulative analysis of blood orexin-A levels in adults with OSA compared to controls