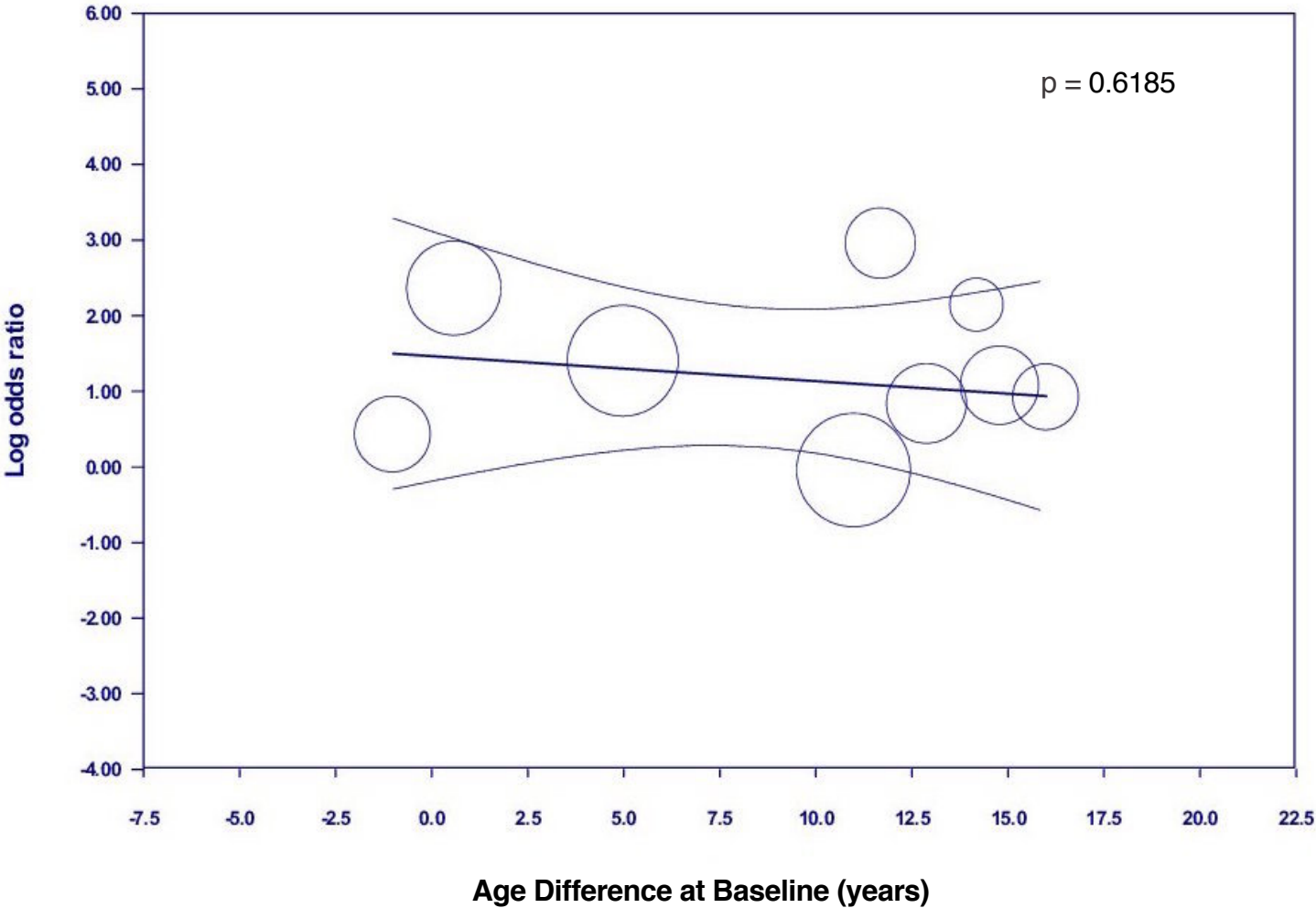


**S6a. Meta-regression for Postoperative Complications by Age Difference at Baseline**

Metaregression of the effect of baseline age differences on the log odds ratio for the risk of postoperative complications for HR-OSA versus LR-OSA.

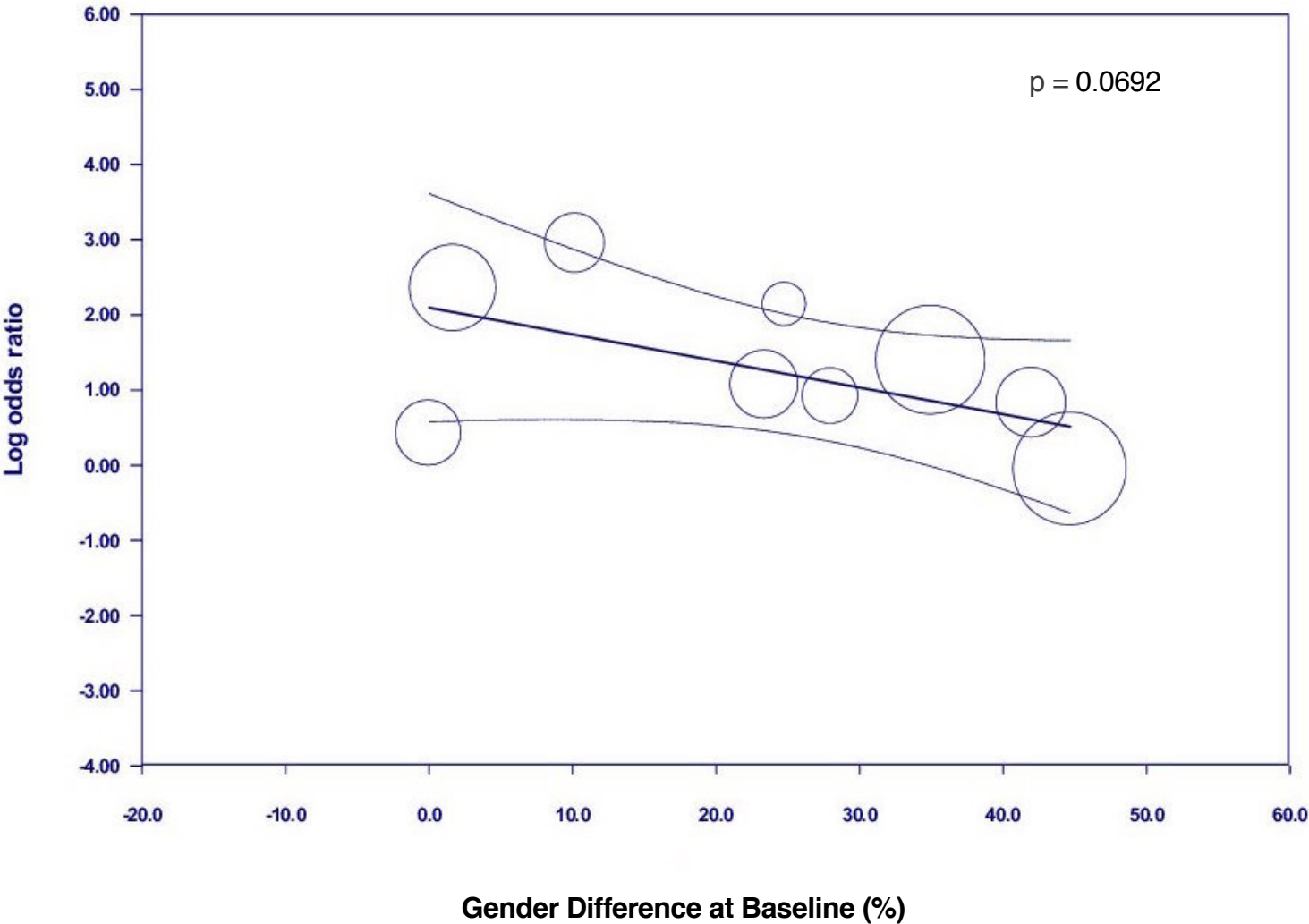
Each circle represents a study, telescoped by its weight in the analysis. The relationship was nonsignificant, suggesting that the impact of HR-OSA on risk of complications was consistent over the year ( $p = 0.6185$ ).



**S6b. Meta-regression for Postoperative Complications by Gender Difference at Baseline**

Metaregression of the effect of baseline gender differences on the log odds ratio for the risk of postoperative complications for HR-OSA versus LR-OSA.

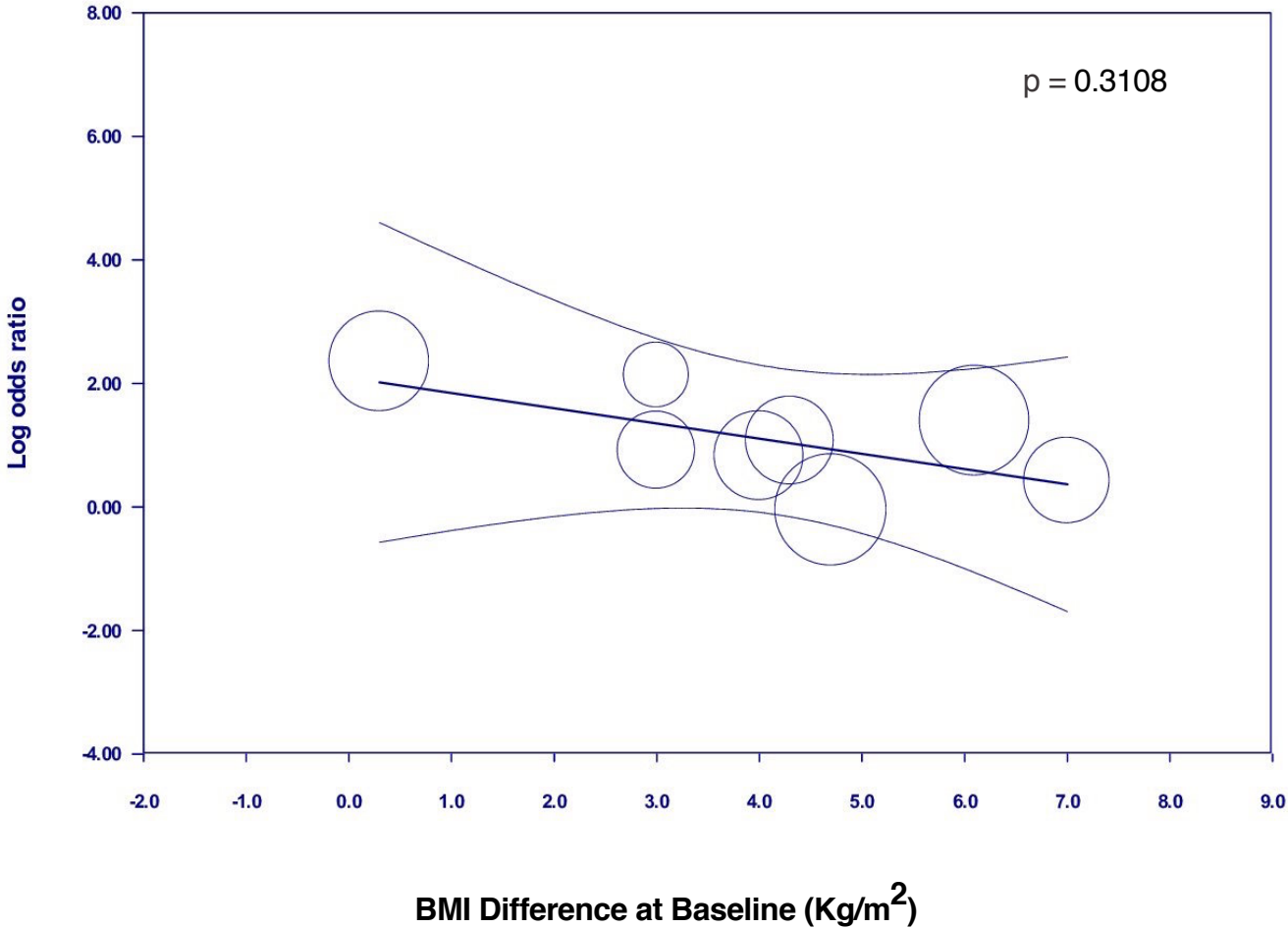
Each circle represents a study, telescoped by its weight in the analysis. The relationship was nonsignificant, suggesting that the impact of HR-OSA on risk of complications was consistent over the gender (p = 0.0692).



**S6c. Meta-regression for Postoperative Complications by BMI Difference at Baseline**

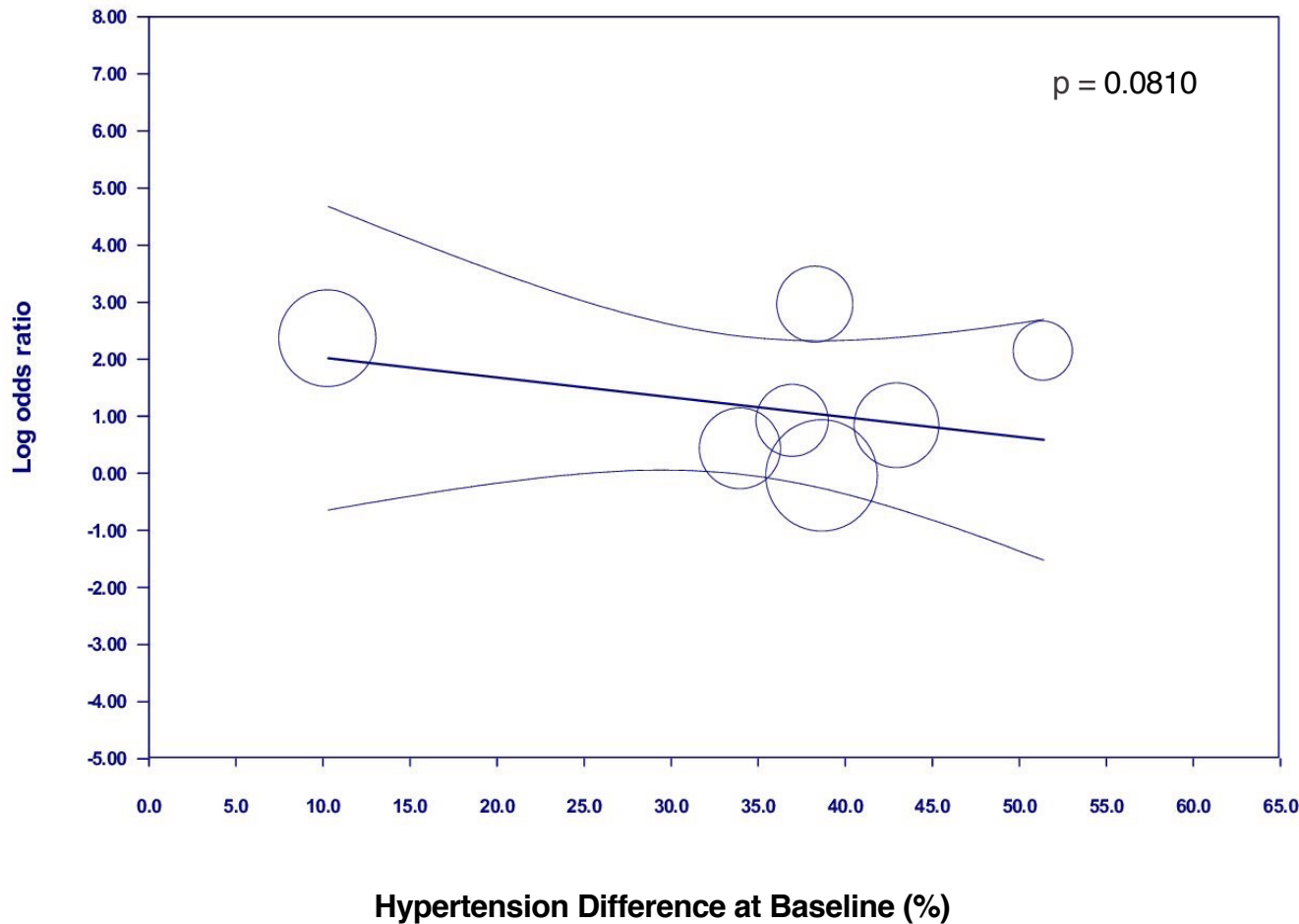
Metaregression of the effect of baseline BMI differences on the log odds ratio for the risk of postoperative complications for HR-OSA versus LR-OSA.

Each circle represents a study, telescoped by its weight in the analysis. The relationship was nonsignificant, suggesting that the impact of HR-OSA on risk of complications was consistent over the BMI ( $p = 0.3108$ ).



**S6d. Meta-regression for Postoperative Complications by Hypertension Difference at Baseline**

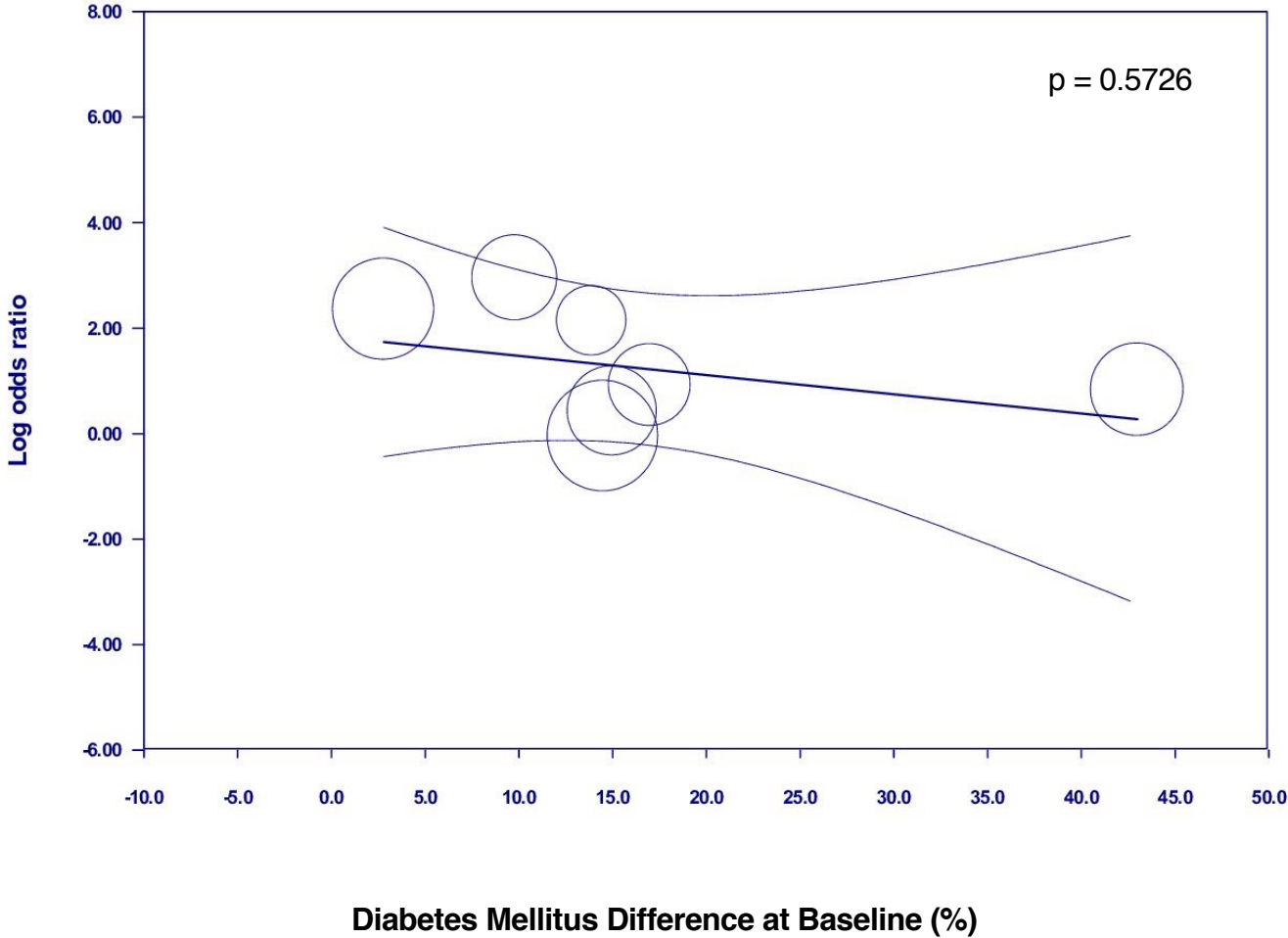
Metaregression of the effect of baseline Hypertension differences on the log odds ratio for the risk of postoperative complications for HR-OSA versus LR-OSA. Each circle represents a study, telescoped by its weight in the analysis. The relationship was nonsignificant, suggesting that the impact of HR-OSA on risk of complications was consistent over the hypertension ( $p = 0.0810$ ).



**S6e. Meta-regression for Postoperative Complications by Diabetes Mellitus Difference at Baseline**

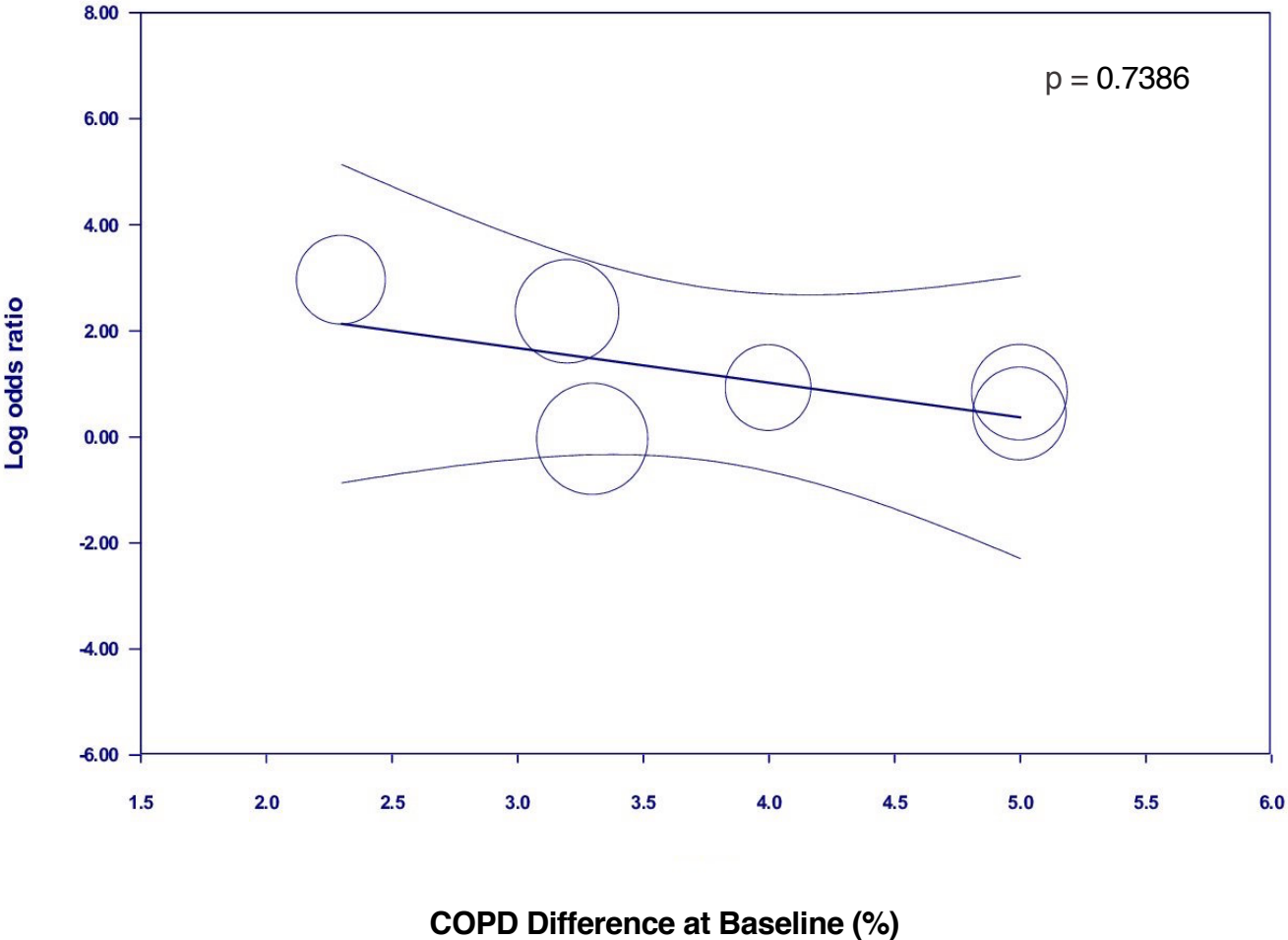
Metaregression of the effect of baseline Diabetes Mellitus differences on the log odds ratio for the risk of postoperative complications for HR-OSA versus LR-OSA.

Each circle represents a study, telescoped by its weight in the analysis. The relationship was nonsignificant, suggesting that the impact of HR-OSA on risk of complications was consistent over the diabetes mellitus ( $p = 0.5726$ ).



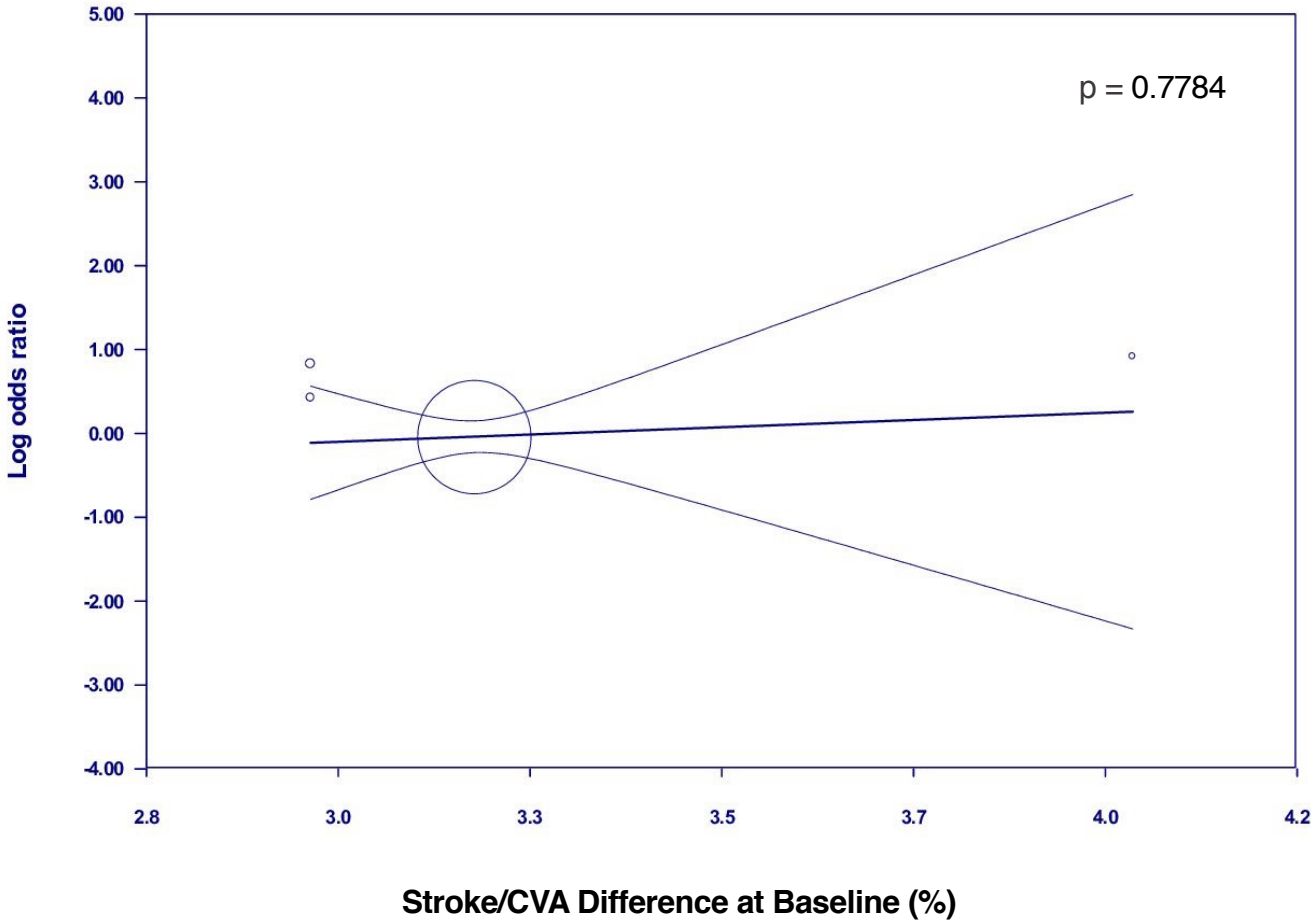
**S6f. Meta-regression for Postoperative Complications by COPD Difference at Baseline**

Metaregression of the effect of baseline COPD differences on the log odds ratio for the risk of postoperative complications for HR-OSA versus LR-OSA. Each circle represents a study, telescoped by its weight in the analysis. The relationship was nonsignificant, suggesting that the impact of HR-OSA on risk of complications was consistent over the COPD ( $p = 0.7386$ ).



**S6g. Meta-regression for Postoperative Complications by Stroke/CVA Difference at Baseline**

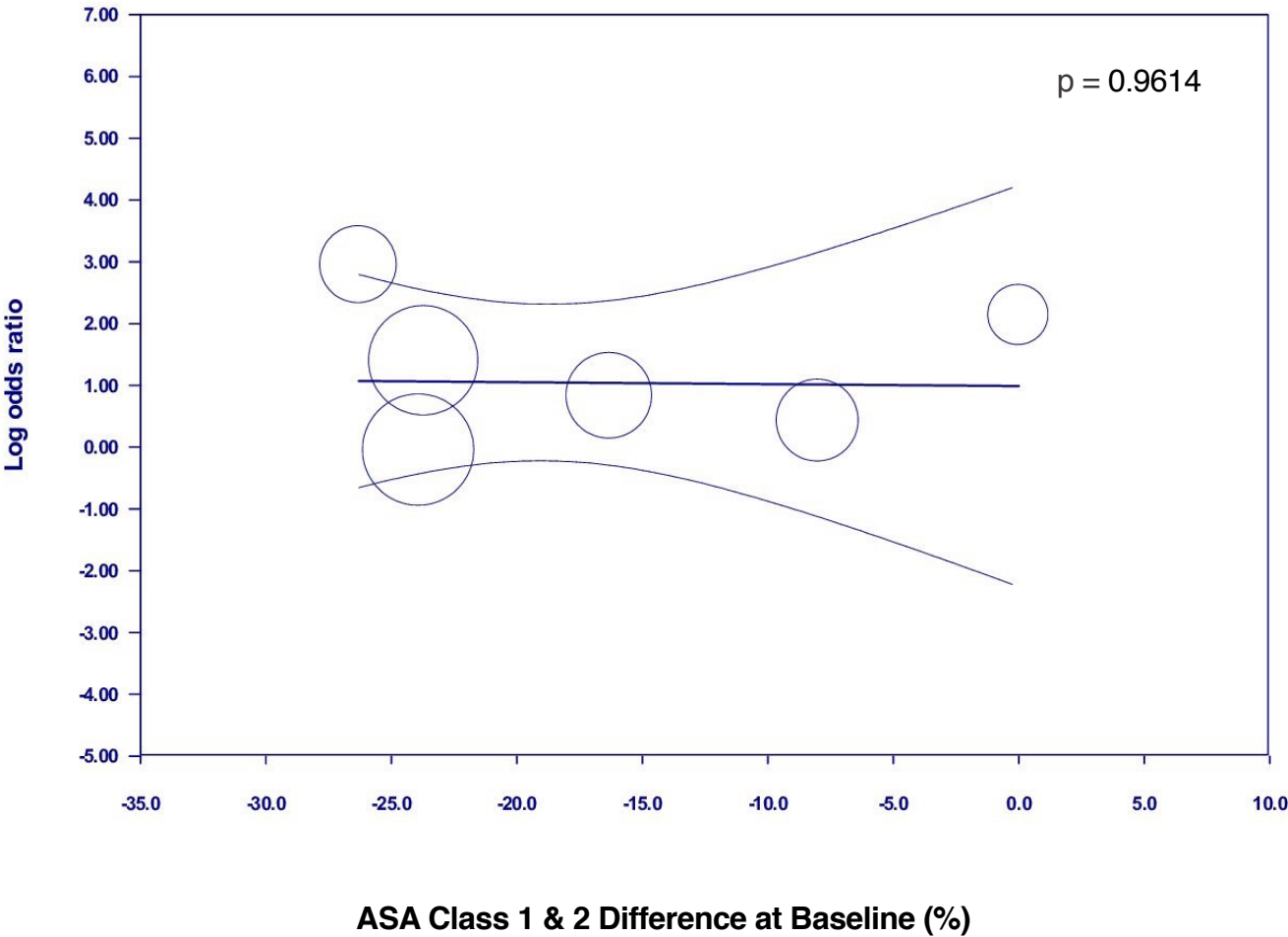
Metaregression of the effect of baseline Stroke/CVA differences on the log odds ratio for the risk of postoperative complications for HR-OSA versus LR-OSA. Each circle represents a study, telescoped by its weight in the analysis. The relationship was nonsignificant, suggesting that the impact of HR-OSA on risk of complications was consistent over the stroke/CVA ( $p = 0.7784$ ).



**S6h. Meta-regression for Postoperative Complications by ASA Class 1 & 2 Difference at Baseline**

Metaregression of the effect of baseline ASA Class 1 & 2 differences on the log odds ratio for the risk of postoperative complications for HR-OSA versus LR-OSA.

Each circle represents a study, telescoped by its weight in the analysis. The relationship was nonsignificant, suggesting that the impact of HR-OSA on risk of complications was consistent over the ASA Class 1 & 2 ( $p = 0.9614$ ).





**S6i. Meta-regression for Postoperative Complications by ASA Class 3-5 Difference at Baseline**

Metaregression of the effect of baseline ASA Class 3-5 differences on the log odds ratio for the risk of postoperative complications for HR-OSA versus LR-OSA. Each circle represents a study, telescoped by its weight in the analysis. The relationship was nonsignificant, suggesting that the impact of HR-OSA on risk of complications was consistent over the ASA Class 3-5 ( $p = 0.9661$ ).

