Supplementary Fig. 3. Histogram of permutated area under the curve (AUC) values. We randomly sampled the same number of participants with that of obese population (*n*=295), and estimated AUC with the sampled data. We iterated this process 10,000 times, and there was no permutated AUC value greater than AUC of the obese population (0.75). The thick perpendicular line indicates the AUC of the obese population.