**Details of the derivation of Equation 2.1-6:**

The *b*0 is considered to be the log(ORwomen), and *b*1 is considered the logarithmic moderator effect of gender [log(ORmen) − log(ORwomen)]. The *y*i is logarithmic empirical combined OR from each study [log(*ORcombine*)].





The detailed of the derivation was shown as follows:

