



Figure 4. Ethylene modulates the formation of MCS. Genotypes with no MCS increased their cell wall to lumen ratio (a quantitative measure of MCS formation) upon exposure to ethylene. Genotypes with MCS formation did not increase their cell wall to lumen area ratio in outer cortical cells upon ethylene exposure. Data shown are means \pm standard error (SE) for three genotypes per group ($n = 12$) averaged from the primary, seminal, and first, second, and third node crown roots. Means with the same letters are not significantly different ($p \leq 0.05$) according to Tukey's HSD).