Supplements

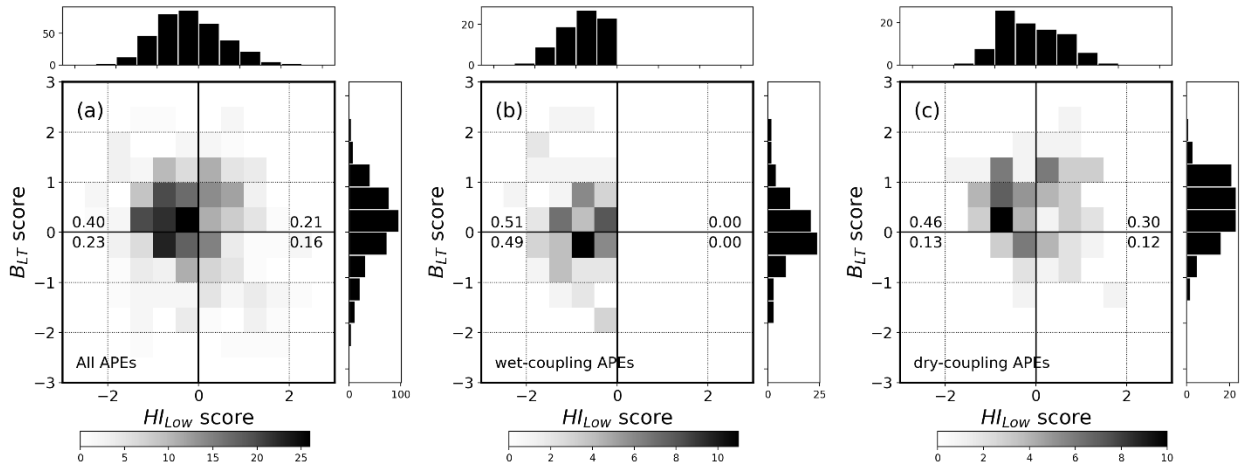

Figure S1: Joint distribution of (a) all APEs, (b) wet-coupling APEs and (c) dry-coupling APEs as functions of B_{LT} score and HI_{Low} score. The number indicates the fraction in each quadrant.

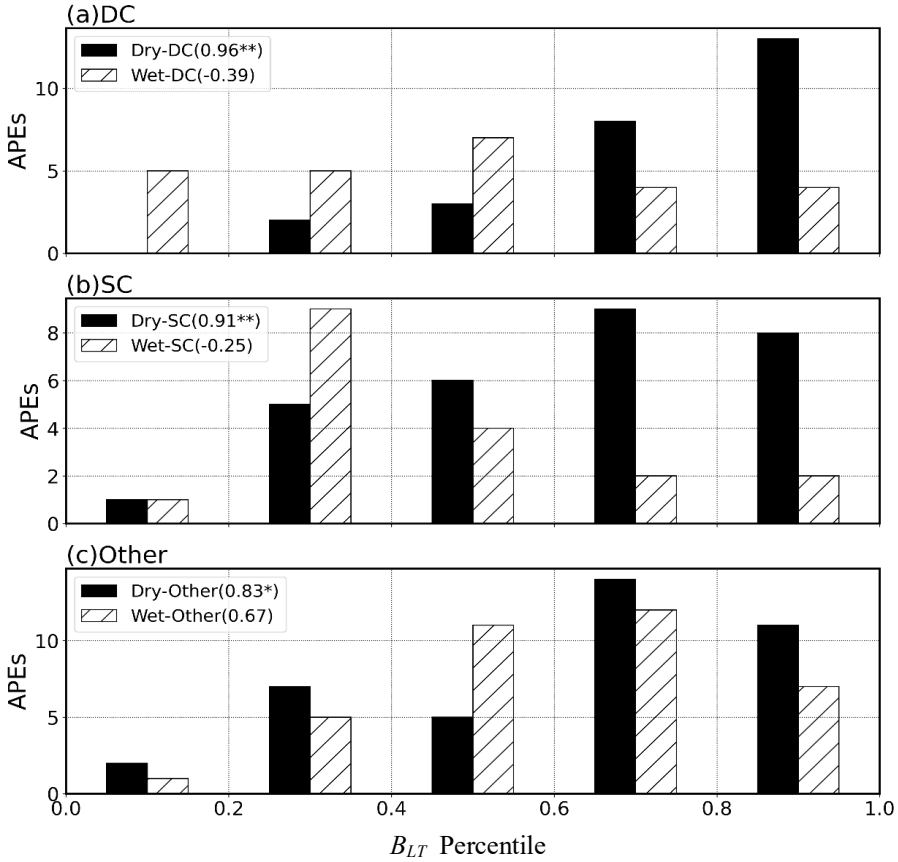

Figure S2: Distribution of deep convection (DC), shallow convection (SC), and congestus APEs over wet- and dry- coupling conditions as a function of B_{LT} percentile with every 0.2 bins. Their correlation coefficients with B_{LT} percentiles are shown in the legend, correlation coefficients significant ($p<0.1$) are marked with an asterisk while two asterisks indicate correlation coefficients are significant at 95% level.