**Supplement**

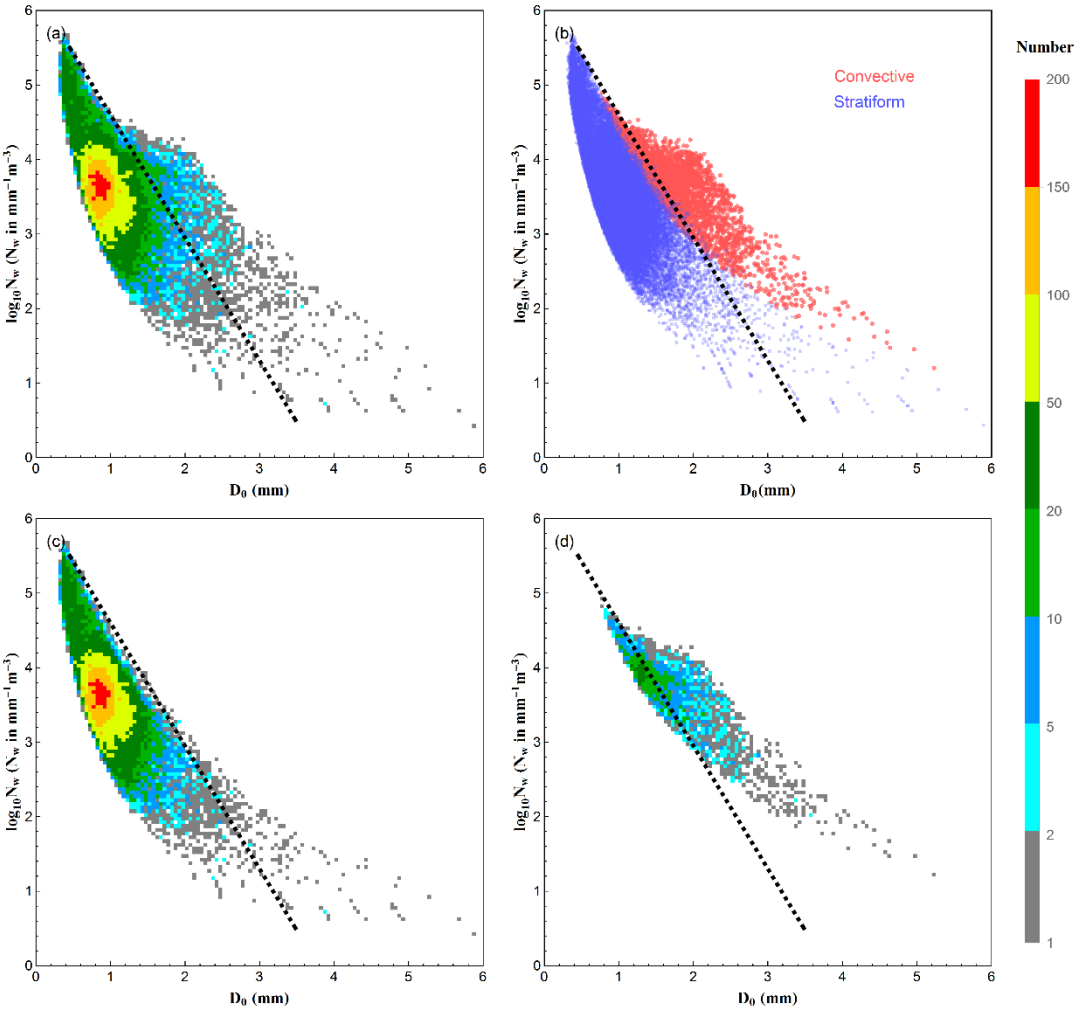


**Figure S1: Scatter density plot of $\log_{10}N_w$ versus $D_0$: (a) the total rainfall events; (c) stratiform events; (d) convective events. (b) is the scatterplot of $\log_{10}N_w$ versus $D_0$ for convective (red circle dots) and stratiform (blue square dots) cases. The black dashed line is the $\log_{10}N_w - D_0$ relationship for stratiform rain reported by Thurai et al. (2016).**