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Supplement of

Physics-informed machine learning for understanding rock moisture dynamics in a sandstone cave

Kai-Gao Ouyang et al.

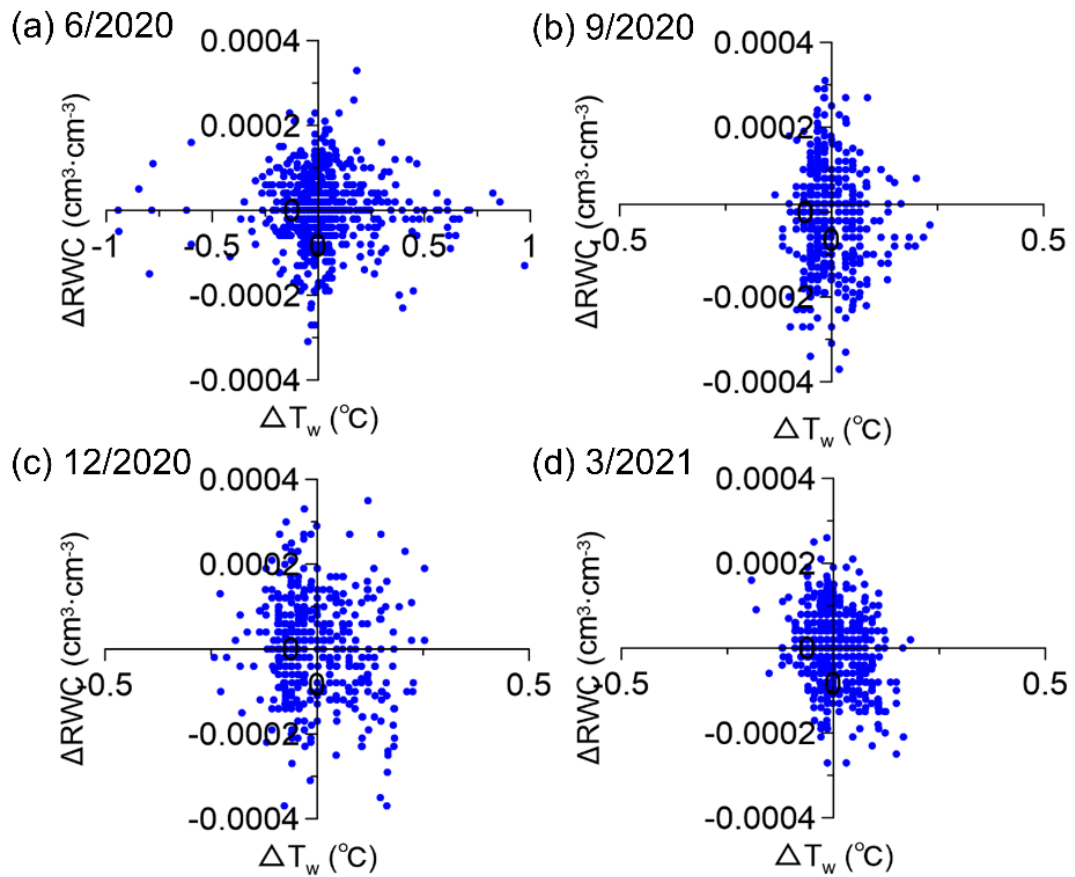*Correspondence to:* Xiao-Wei Jiang (jxw@cugb.edu.cn)

Figure S1. Plots of ΔRWC versus ΔT_w showing no temperature effect for the FDR sensor installed inside Cave #9. ΔRWC represents the hourly change in rock water content, which is calculated by $RWC_t - RWC_{t-1}$, and ΔT_w represents the hourly change in temperature, which is calculated by $T_t - T_{t-1}$. (a) June 2020; (b) September 2020; (c) December 2020; (d) March 2021.