Supplementary materials for Hydrologically transported dissolved organic carbon influences soil respiration in a tropical rainforest

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Supplementary figure captions:

Figure S1 Correlations between water and DOC concentration in the tropical rainforest at Xishuangbanna, southwest China

A is the correlation between daily throughfall flux and DOC concentration

B is the correlation between daily litterleachate flux and DOC concentration

C is the correlation between daily soil water (0-20 cm) flux and DOC concentration

Figure S2 Correlation between soil respiration and temperature at 5 cm depth in the tropical rainforest at Xishuangbanna, southwest China

Figure S3 Rainfall (A), throughfall (B), litter leachate (C), and surface soil (0–20 cm) water (D) dynamics in the tropical seasonal rainforest at Xishuangbanna, southwest China.
Soil temperature at 5cm depth ($^\circ$C)

Surface CO$_2$ flux (mg CO$_2$ m$^{-2}$ s$^{-1}$)

SR = 46.37 e $(0.11^*T_5)$ Adj $r^2 = 0.8966$ $p < 0.0001$
HR = 18.90 e $(0.14^*T_5)$ Adj $r^2 = 0.8372$ $p < 0.0001$