

Table S1: χ^2 Likelihood ratio tests to determine contribution of extended covariates to specified null models for household date palm sap consumption in the past month in responses given November- April 2013-2016 in Bangladesh.

Null	Extended	DF	LR χ^2
month + division	+ season	1	56.36 ***
month + division + season	+ cat_mintemp	1	1.31
month + division + season	+ SMA_mintemp	1	7.74 **
month + division + season	+ cat_precip	1	14.69 ***
month + division + season	+ SMA_precip	1	5.15 *
month + division + season + SMA_mintemp	+ cat_precip	1	13.75 ***
month + division + season + SMA_mintemp	+ SMA_precip	1	8.00 **
month + division + season + cat_precip	+ SMA_mintemp	1	6.80 **
month + division + season + SMA_precip	+ SMA_mintemp	1	10.59 **
month + division + season	+ cat_visibility	1	0.23
month + division + season	+ SMA_visibility	1	2.86
month + division + season	+ cat_relativehumidity	1	1.13
month + division + season	+ SMA_relativehumidity	1	2.35

*= significant at $p < 0.05$

** = significant at $p < 0.01$

*** = significant at $p < 0.001$

cat: categorical monthly average of daily values for the weather variable within the division

SMA: simple moving average of daily values for the weather variable in the division within the 30 days preceding the response