

Supplementary table 3.

Variance (R^2) in CSUP explained by sampling point, source pool and their interaction based on pairwise comparison of the different sampling points by PERMANOVA test (formula = Biolog substrate utilization table ~ sampling time * sample source).

Significance codes: '***' <0.001 '**' <0.01 '*' <0.05, '.' <0.1

A. Effect of sampling point

Variance explained/p	Drying	Control	Early rewetted	Late rewetted
Drying		***	***	***
Control	16.3%		***	***
Early rewetted	20.3%	25.4%		
Late rewetted	17.3%	26.0%	5.2%	

B. Effect of sample source

Variance explained/p	Drying	Control	Early rewetted	Late rewetted
Drying		***	**	***
Control	23.9%		***	***
Early rewetted	20.8%	22.2%		***
Late rewetted	21.0%	26.4%	44.5%	

C. Effect of sampling point * sample source

Variance explained/p	Drying	Control	Early rewetted	Late rewetted
Drying		*	.	***
Control	12.9%		***	***
Early rewetted	13.1%	17.3%		
Late rewetted	18.1%	17.3%	8.6%	