

An Example of How to Read Data Summary Output Produced by the Spreadsheet, SSA-DataSum.xls

Site Name Chowilla
 Location Bbox woodland
 Transect Name transect 1
 Date 25/06/07

Landscape

Zone	Mean Zone Length (m)	%
Bare soil	1.08	12.7
vegetation Pa	2.64	54.7
Tree Patch	3.67	32.5
Total		100.0

This box summarises the proportions of each patch and inter-patch type identified on the LFA transect. The data can be used “on their own” and are also used by the spreadsheet to calculate **site LFA indices**. Increases in patch proportion would be interpreted as functional improvement

Patches

Patch zone	Code	Width (cm)	No	Mean
vegetation Pa	vp	5520	7	788.6
Tree Patch	tp	2160	3	720.0
Total		7680	10	768.0

This box presents the widths of each patch type. Assessing increase or decrease in width is a crucial part of LFA

Number of Patches/10m 3.0
Total Patch Area 239.9 sq. m.
Patch Area Index 0.71
Landscape Organisation Index 0.87
Average Interpatch Length (m) 1.08 m
Range Interpatch length 0.5 to 1.6 m.

These six indices reflect different aspects of landscape organisation. They vary in their information content according to landscape type. Select the most useful for a given purpose

Soil Surface Assessment Of individual Zones

Zone	Stability	Std err	Infiltration	Std err	Nutrients	Std err
Bare soil	64.2	0.8	20.1	3.4	19.4	2.0
vegetation Pa	71.3	1.6	30.8	1.8	29.0	2.0
Tree Patch	70.4	2.3	40.5	1.7	38.8	1.5

This table summarises the mean LFA indices for **each patch and inter-patch type** assessed, and also presents the standard error of the mean, which should be < 2.5.

Soil Surface Assessment Individual zones contribution to the whole Landscape

Zone	Stability	Std err	Infiltration	Std err	Nutrients	Std err
Bare soil	8.2	0.1	2.6	0.4	2.5	0.3
vegetation Pa	39.0	0.9	16.8	1.0	15.9	1.1
Tree Patch	22.9	0.8	13.2	0.6	12.6	0.5
Total	70.1	1.9	32.6	2.1	31.0	2.0

This table calculates the relative contribution to the whole transect of each patch and inter-patch assessed, using the values from the table immediately above, **and** the table at the top of the page, which presents the relative proportions. The “site” values for each Index are the bottom line on this table, together with the site standard error of the means.