

# This is the model title of an Acta article

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## **Abstract**

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**Keywords:** lorem, ipsum, dolor, sit, amet, consectetur, adipiscing, enim, minim, veniam, quis, nostrud

## **INTRODUCTION**

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## MATERIALS AND METHODS

### Sub-section related to methods

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Table 1. Example of a table formatted for *Acta*. Create tables using the MS Word table editor, not by using tab stops or spaces. Source: ISHS authors guide (2015).

21 <sup>st</sup> November image	
Satellite	GeoEye-1
Acquisition date	21-11-2010
Acquisition time	09:54
Cloud cover	0%
Off nadir angle	13°
Target azimuth angle	162.43°
Spectral bands	4
Environmental quality	100%
Centre location	Lat/Lon 32.71°/12.87°

## Sub-section 2 related to methods

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In Table 2, Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum (Belzer and de Vos, 2012).

In conditions of Eubiosis, the status of equilibrium of the colon microbiota in the host, the microbiota is involved in many physiological functions including protection against pathogens, maturation of the immune system, development of the gut microvilli, maintenance of the gut homeostasis, improvement of the energy harvest from food, xenobiotics metabolism and regulation of appetite (Cani and Delzenne, 2009).

Table 2. Example of a second table formatted for *Acta*.

Class	Ground truth (%)					User's accuracy
	Citrus	Clover	Potato	Bare soil	Total	
Citrus	66.83	29.10	2.48	2.07	14.04	73.49
Clover	31.50	70.37	2.31	0.93	10.80	45.39
Potato	1.67	0.53	92.24	4.47	23.37	88.17
Bare soil	0.00	0.00	2.97	92.53	51.79	98.72
Total	100.00	100.00	100.00	100.00	100.00	
Producer's accuracy (%)	66.83	70.73	92.24	97.63		
Kappa coefficient	0.79					
Overall accuracy	0.86					

## RESULTS AND DISCUSSION

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### Sub-section of results and discussion

#### 1. Overview.

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## 2. Research data.

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### *Berry culture.*

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### *Apple growing.*

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Table 3. Example of a third table.

Crop property	Vegetation indices									
	RVI	SI	NDVI	GNDVI	DVI	IPVI	VI1	RDVI	VARI	SAVI
Yield <sup>1</sup>	0.76	0.77	0.77	0.74	0.73	0.76	0.74	0.76	0.77	0.77
Chlorophyll	0.76	0.76	0.76	0.75	0.71	0.76	0.75	0.75	0.76	0.76

<sup>1</sup>Short explanation.

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- Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
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## Sub-section of results and discussion

Table 4 shows.

Table 4. Example of a landscape table.

Pivot	Area (ha)	Crop	DAP <sup>1</sup>	Fao		Sebal		Teixeira		Sebal		Teixeira	
						ET <sub>a</sub> /ET <sub>o</sub>	ET <sub>a</sub> (mm d <sup>-1</sup> )	ET <sub>a</sub> (mm d <sup>-1</sup> )	ET <sub>a</sub> (mm d <sup>-1</sup> )	SD <sup>2</sup> (mm d <sup>-1</sup> )	SD <sup>2</sup> (mm d <sup>-1</sup> )		
1	109	Corn	78	1.4	1.2	1.2	4.9	4.7	4.5	0.13	0.10		
2	75	Corn	86	1.4	1.1	1.2	4.8	4.3	4.5	0.26	0.13		
3	109	Bean	5	0.4	1.3	0.5	1.4	4.8	2.0	0.35	0.18		
4	109	Corn	83	1.4	1.3	1.2	4.9	4.8	4.4	0.18	0.10		
5	69	Bean	13	0.5	1.3	0.6	1.8	4.9	2.3	0.21	0.12		
6	120	Corn	76	1.4	1.1	1.2	4.9	4.3	4.6	0.12	0.08		
7	75	Corn	88	1.3	1.2	1.2	4.5	4.4	4.4	0.25	0.16		
8	75	Corn	89	1.2	1.1	1.2	4.3	4.3	4.5	0.21	0.11		
9	120	Resting stage	-	0.3	1.1	0.5	1.1	4.1	2.0	0.69	0.28		
10	75	Corn	116	0.5	1.2	1.1	1.8	4.6	4.1	0.20	0.13		
11	95	Corn	121	0.5	1.1	1.1	1.8	4.3	4.2	0.13	0.10		
12	95	Corn	95	1.0	1.2	1.2	3.4	4.5	4.4	0.18	0.16		
13	162	Corn	102	0.7	1.2	1.2	2.4	4.4	4.5	0.16	0.10		
14	100	Corn	91	1.1	1.2	1.2	4.0	4.4	4.6	0.14	0.11		
15	100	Corn	106	0.5	1.2	1.2	1.8	4.4	4.4	0.21	0.13		
16	117	Corn	117	0.5	1.2	1.1	1.8	4.5	4.3	0.12	0.11		
17	145	Sugar cane	-	-	0.9	0.8	-	3.4	3.1	0.32	0.35		
18	120	Sugar cane	-	-	1.0	1.0	-	3.8	3.8	0.12	0.14		
19	120	Sugar cane	-	-	1.0	1.0	-	4.0	3.7	0.26	0.36		
20	120	Sugar cane	-	-	0.9	0.9	-	3.4	3.3	0.21	0.24		
Mean	106	-	-	0.9	1.1	1.0	3.1	4.3	3.9	0.22	0.16		

<sup>1</sup>DAP: Days after planting.

<sup>2</sup>SD: Standard deviation.

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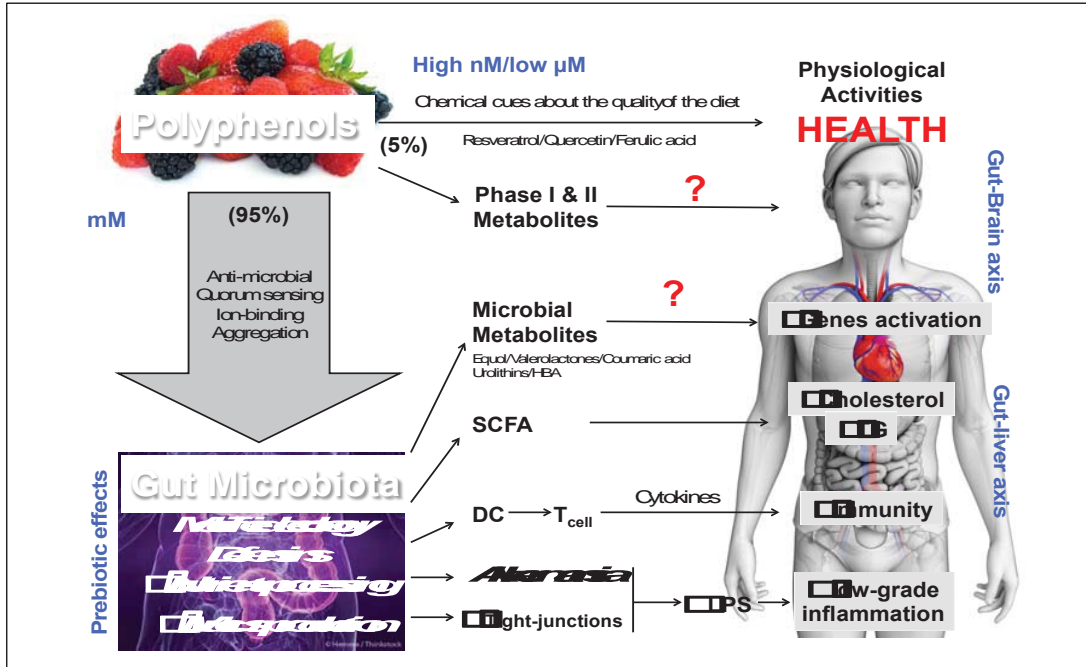


Figure 1. Example of a figure in JPEG. Do not use the MS Word feature of text boxes to add captions, arrows, letters, or other text or objects to show in your figures, graphs or images because text boxes may shift around while editing the article. Instead you should embed and hard-code any text or objects directly into the image, figure, graph or picture file before inserting it in your MS Word manuscript.

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$$\Theta = \left(\frac{H_e}{h}\right)^\lambda \quad h \geq H_e \quad (1)$$

$$\Theta = \frac{\theta - \theta_r}{\theta_s - \theta_r} = 1 \quad 0 \leq h < H_e \quad (2)$$

$$Kr(\Theta) = \frac{K(\Theta)}{K_s} = (\Theta)^p \quad (3)$$

where  $\theta_s$  is lorem ipsum dolor and  $\theta_r$  is labore et dolore in  $\text{cm}^3 \text{cm}^{-3}$ ;  $H_e$  id est laborum in cm;  $K_s$ , and  $K(\theta)$  are nisi ut in  $\text{cm min}^{-1}$ ;  $p$  and  $\lambda$  are fitting parameters. Equations (1), (2) and (3) can be substituted for  $D(\theta)$  equation, obtaining a new closed-form equation.

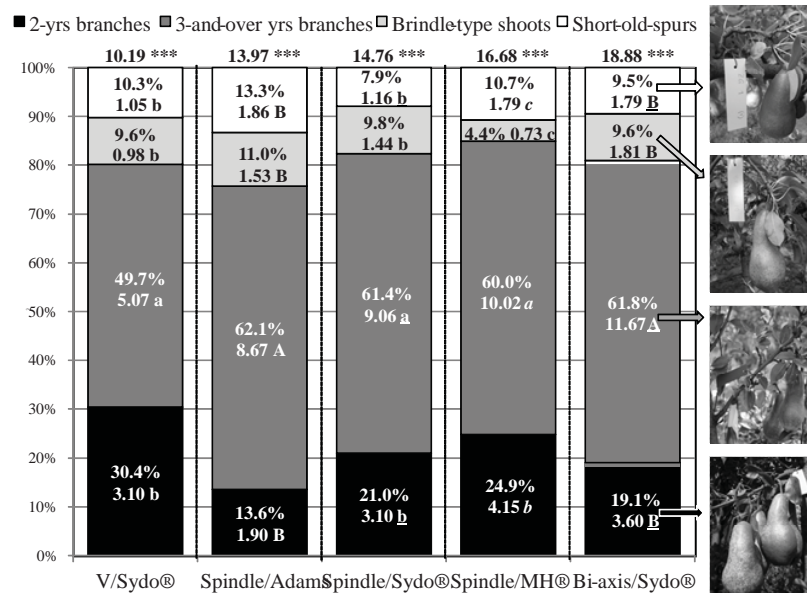


Figure 2. Yield per woody formations as percentage (%) and kg/tree: comparison among the four woody formations within each combination in 2011. Mean values (in a vertical reading) followed by same small letters do not differ significantly according to SNK test ( $p=0.05$ ). Significance: \* $p<0.05$ , \*\* $p<0.01$ , \*\*\* $p<0.001$ , ns= not significant.

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## CONCLUSIONS

The following conclusions can be drawn from the study:

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## Literature Cited

- Aura, A.M. (2008). Microbial metabolism of dietary phenolic compounds in the colon. *Phytochem. Rev.* 7, 407–429 <http://dx.doi.org/10.1007/s11101-008-9095-3>.
- Basu, A., and Lyons, T.J. (2012). Strawberries, blueberries, and cranberries in the metabolic syndrome: clinical perspectives. *J. Agric. Food Chem.* 60, 5687–5692 <http://dx.doi.org/10.1021/jf203488k>. PubMed
- Belzer, C., and de Vos, W.M. (2012). Microbes inside—from diversity to function: the case of Akkermansia. *ISME J.* 6, 1449–1458 <http://dx.doi.org/10.1038/ismej.2012.6>. PubMed
- Cani, P.D., and Delzenne, N.M. (2009). Interplay between obesity and associated metabolic disorders: new insights into the gut microbiota. *Curr. Opin. Pharmacol.* 9, 737–743 <http://dx.doi.org/10.1016/j.coph.2009.06.016>. PubMed
- Cherniack, E.P. (2011). Polyphenols: planting the seeds of treatment for the metabolic syndrome. *Nutrition* 27, 617–623 <http://dx.doi.org/10.1016/j.nut.2010.10.013>. PubMed
- Edirisinghe, I., Randolph, J., Cheema, M., Tadapaneni, R., Park, E., Burton-Freeman, B.M., and Kappagoda, T. (2012). Effect of grape seed extract on postprandial oxidative status and metabolic responses in men and women with the metabolic syndrome - randomized, cross-over, placebo-controlled study. *Functional Foods in Health and Disease* 2, 508–521.
- Everard, A., Belzer, C., Geurts, L., Ouwerkerk, J.P., Druart, C., Bindels, L.B., Guiot, Y., Derrien, M., Muccioli, G.G., Delzenne, N.M., et al. (2013). Cross-talk between Akkermansia muciniphila and intestinal epithelium controls diet-induced obesity. *Proc. Natl. Acad. Sci. U.S.A.* 110, 9066–9071 <http://dx.doi.org/10.1073/pnas.1219451110>. PubMed
- Guglielmetti, S., Fracassetti, D., Taverniti, V., Del Bo', C., Vendrame, S., Klimis-Zacas, D., Arioli, S., Riso, P., and Porrini, M. (2013). Differential modulation of human intestinal bifidobacterium populations after consumption of a wild blueberry (*Vaccinium angustifolium*) drink. *J. Agric. Food Chem.* 61, 8134–8140 <http://dx.doi.org/10.1021/jf402495k>. PubMed
- He, F.J., Nowson, C.A., and MacGregor, G.A. (2006). Fruit and vegetable consumption and stroke: meta-analysis of cohort studies. *Lancet* 367, 320–326 [http://dx.doi.org/10.1016/S0140-6736\(06\)68069-0](http://dx.doi.org/10.1016/S0140-6736(06)68069-0). PubMed
- Klaus, S., Pültz, S., Thöne-Reineke, C., and Wolfram, S. (2005). Epigallocatechin gallate attenuates diet-induced obesity in mice by decreasing energy absorption and increasing fat oxidation. *Int. J. Obes (Lond)* 29, 615–623 <http://dx.doi.org/10.1038/sj.ijo.0802926>. PubMed
- Kovatcheva-Datchary, P., Tremaroli, V., and Bäckhed, F. (2013). The gut microbiota. In: *The Prokaryotes*, E. Rosenberg, E.F. DeLong, E. Stackebrandt, F. Thompson and S. Lory, eds. (Berlin, Heidelberg: Springer), p.3–24.
- Lepage, P., Leclerc, M.C., Joossens, M., Mondot, S., Blottière, H.M., Raes, J., Ehrlich, D., and Doré, J. (2013). A metagenomic insight into our gut's microbiome. *Gut* 62, 146–158 <http://dx.doi.org/10.1136/gutjnl-2011-301805>. PubMed
- Mursu, J., Virtanen, J.K., Tuomainen, T.P., Nurmi, T., and Voutilainen, S. (2014). Intake of fruit, berries, and vegetables and risk of type 2 diabetes in Finnish men: the Kuopio Ischaemic Heart Disease Risk Factor Study. *Am. J. Clin. Nutr.* 99, 328–333 <http://dx.doi.org/10.3945/ajcn.113.069641>. PubMed
- Queipo-Ortuño, M.I., Boto-Ordóñez, M., Murri, M., Gomez-Zumaquero, J.M., Clemente-Postigo, M., Estruch, R., Cardona Diaz, F., Andrés-Lacueva, C., and Tinahones, F.J. (2012). Influence of red wine polyphenols and ethanol on the gut microbiota ecology and biochemical biomarkers. *Am. J. Clin. Nutr.* 95, 1323–1334 <http://dx.doi.org/10.3945/ajcn.111.027847>. PubMed
- Saura-Calixto, F. (2012). Concept and health-related properties of nonextractable polyphenols: the missing dietary polyphenols. *J. Agric. Food Chem.* 60, 11195–11200 <http://dx.doi.org/10.1021/jf303758j>. PubMed
- Tang, C.-C., Lin, W.-L., Lee, Y.-J., Tang, Y.-C., and Wang, C.-J. (2014). Polyphenol-rich extract of *Nelumbo nucifera* leaves inhibits alcohol-induced steatohepatitis via reducing hepatic lipid accumulation and anti-inflammation in C57BL/6J mice. *Food Funct* 5, 678–687 <http://dx.doi.org/10.1039/c3fo60478k>. PubMed
- Tuohy, K.M., Conterno, L., Gasperotti, M., and Viola, R. (2012). Up-regulating the human intestinal microbiome using whole plant foods, polyphenols, and/or fiber. *J. Agric. Food Chem.* 60, 8776–8782 <http://dx.doi.org/10.1021/jf2053959>. PubMed
- Tzounis, X., Rodriguez-Mateos, A., Vulevic, J., Gibson, G.R., Kwik-Urbe, C., and Spencer, J.P.E. (2011). Prebiotic evaluation of cocoa-derived flavanols in healthy humans by using a randomized, controlled, double-blind, crossover intervention study. *Am. J. Clin. Nutr.* 93, 62–72 <http://dx.doi.org/10.3945/ajcn.110.000075>. PubMed
- Walle, T., Browning, A.M., Steed, L.L., Reed, S.G., and Walle, U.K. (2005). Flavonoid glucosides are hydrolyzed and thus activated in the oral cavity in humans. *J. Nutr.* 135, 48–52. PubMed