

Typos and errors in **Compositional Data Analysis in Practice** [reporter in brackets]

p. 14, Sect. 2.3, 1st line of 3rd paragraph: "exactly in a plane" [Jan Graffelman]

p. 17, Section 3.1, 2nd paragraph, 3rd line: remove "of" [Antonio Garrido]

p. 36, caption of Table 5.3, 3rd line: "two logratios" [Jan Graffelman]

p. 65, second last line of first paragraph of Sect. 9.1: remove "/" in formula [Jan Graffelman]

p. 74, footnote, remove "ending" [author]

p. 83, formula (A.8), remove "1+" from denominator, it should read as follows [Jan Graffelman]

$$\text{inverse CLRs: } x_{ij} = \frac{e^{y_{ij}}}{\sum_{k=1}^J e^{y_{ik}}}, \quad j = 1, 2, \dots, J \quad (\text{A.8})$$

p. 84, several typos in formula (A.10), the uppercase X's should be lowercase, and include the index i as in (A.9), there are also parentheses that should be removed. The formula should read: [author]

$$\begin{aligned} \text{PLRs: } & \sqrt{\frac{c_k C_{J-k}}{c_k + C_{J-k}}} \log \frac{x_{ik}}{\prod_{j=k+1}^J x_{ij}^{c_j/C_{J-k}}} \\ & = \sqrt{\frac{c_k C_{J-k}}{c_k + \dots + c_J}} \left(\log(x_{ik}) - \frac{1}{C_{J-k}} \sum_{j=k+1}^J c_j \log(x_{ij}) \right), \quad k = 1, \dots, J-1 \end{aligned}$$

On the same page further down, the last of the "normalizing constants" is incorrect, this line should read: [author]

$$\sqrt{(c_1 C_{J-1})}, \sqrt{(c_2 C_{J-2})/(c_2 + \dots + c_J)}, \sqrt{(c_3 C_{J-3})/(c_3 + \dots + c_J)}, \dots, \sqrt{(c_{J-1} C_1)/(c_{J-1} + c_J)}$$

p. 100, upper block of R output: after simplification of the amalgamation logratio definition, the SLR output is now [Antonio Garrido]

\$LR

Asparagus	Beans (soya)	Broccoli
Carrots		
-0.59015191	-0.32072118	-0.05241199
-2.35713896		
Corn	Mushrooms	Onions
Peas		

-2.05846331	-1.60130000	-2.14926421
-1.00785419		
Potatoes(boiled)	Spinach	
-2.46428736	-0.34045070	

(I simplified definition of SLRs in the book, but didn't modify the previous output)

p. 107, last block of code, the PLOT.RDA function, should read like this (code correction in blue)
[Antonio Garrido]:

```
PLOT.RDA(fish.RDA, map="contribution", rescale=0.05,
axes.inv=c(1,-1),
          indcat=2:5, colrows=colcat[sexhab], colcats=colcat,
          pchrows=rep(19, nrow(fishm)), cexs=c(1,1,1),
fonts=c(2,4,2))
legend("topright", legend=c("female littoral (FL)", "female pelagic
(FP)",
  "male littoral (ML)", "male pelagic (MP)"), pch=19,
col=colcat, text.col=colcat, text.font=2)
```

p.106, second line of first block of code [Antonio Garrido]

```
> LRA(time, amalg = list(nowork= c(4:6)))
```

p. 110, bottom block of R code, 3rd line:

```
> cupnames <- colnames(cups) (round brackets) [Dean Billheimer]
```

p. 113, line 5: "(PLRs)" [author]

p. 116, lines 2 and 3: "45" (not 55) [author]