ERRATUM

Erratum to "Aggregation of variables and system decomposability: Applications to fitness landscape analysis" [Theory in Biosciences 123 (2004) 33–68]

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During the course of typesetting, a number of notational and typographic errors appeared in the manuscript which were not corrected. Most are of a fairly trivial nature, for instance, the upper-case K was supposed to have been used (from p. 57 on) as the number of reference vertices, to avoid confusion with the lower case k which was used as in index in series sums and lists.

Somewhat more serious are the following errors in the equations, which may lead to confusion in interpretation:

Page 33: See above for current address and contact information of the senior author.

Page 47: Theorem 2.1 should read "If **R** and **S** are the row and column matrices for A/π..." rather than A, π.

Page 49: The last expression for the definition of M should read $M = 0$ if $d(i,j) \geqslant 2$.

Page 52 (3rd paragraph, and elsewhere): The term $\binom{n}{d}$ should be the combinatoric $\binom{n}{d}$. This should be clear from the context and examples.

Page 58: Eq. (4.3) is one place where the use of index k may be confusing. On the left-hand side, the lower-case k is simply an index denoting a vertex, while on the right-hand side, the "K" should be upper-case and denote the number of reference vertices.

Page 59: The indices in Eq. (4.4) may lead to some confusion, in that the subscripts $12\ldots v$ are inconsistent with the use of v as an indicator of a set (what was meant here was the set of vertices $12\ldots j$ which are members of the set v). Only the subscript v should appear for n_v and d_v.

Page 63 (Second paragraph from the bottom of the page): The expression $s = f_{IJ}(\varepsilon)$ should read $s = f_{IJ}(x)$. Also, the expression on the 3rd line from the bottom of the paragraph should read $\{f_{IJ} \in F \mid s = f_{IJ}(x)\}$, with the set "element of" symbol $\in$ rather than the Greek letter ε.

Page 67 (Second paragraph from the bottom of the page): The last sum prior to the factorial equation should read

$$\sum_r d^r_{C_l} = n_{C_l},$$

i.e. n_{C_l} the number of loci in the overlap class, rather than n, the total number of loci in a genotype.

Page 67 (Equation on the last line): The denominator should have $n_C!$ rather than n, as can be seen from the previous equation, i.e.

$$\prod_{C_l} \binom{n_{C_l} + L - 1}{n_{C_l}} = \prod_{C_l} \frac{(n_{C_l} + L - 1)!}{n_{C_l}!(L-1)!}.$$

The following correction refers to an error in the second paper in the series (Shpak, Stadler, Wagner, and Altenberg 2004. Simon-Ando decomposability and fitness landscapes. Theory in Biosciences 123: 139–180.). Page 158: In Eq. (28), the last term should be

$$\frac{W_1}{k(W_1 + W_2)} \gg \mu.$$