Sesame Oil Is Very Low in Linoleic Acid: A Reply

Sir:

Dr. A. Kamal-Eldin's suggestion in his Letter to the Editor is correct. I checked the table and discovered that I made mistakes. However, the situation is even more complicated.

When I originally submitted my paper, there was only one table, which contained the data now shown in Tables 1 and 2 (1). The old table showed only one representative for each variety of oil. Following the advice of the reviewers, I modified the old table and divided it into two tables, which now showed data for all 32 oil samples used. In this process I made mistakes and mixed up the data. Also, I used a commercially available sesame oil, which may have been adulterated, and I could not check its authenticity. In any case, the right half of Table 1 should be corrected as follows.

However, because I constructed the discussion based on the original table, my conclusions still remain: The near-infrared spectral pattern of an oil is a simple index of its fatty acid composition, and by using principal-component analysis, fats and oils can be classified successfully based solely on near-infrared spectral data.

REFERENCE

1. Sato, T., *J. Am. Oil Chem. Soc.* 71:293 (1994).

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TABLE 1

Printed originally:	Ricebran	Peanut	Rapeseed	Sesame
Should read:	Sesame	Ricebran	Peanut	Rapeseed
C16:0	8.87 ± 0.18 (8.73–9.07)	16.16 ± 0.04 (16.12–16.20)	12.12 ± 0.75 (10.94–13.02)	3.73 ± 0.12 (3.61–3.90)
C16:1	0.09 ± 0.05 (0.05–0.15)	0.10 ± 0.01 (0.08–0.11)	0.24 ± 0.25 (0.06–0.66)	0.25 ± 0.03 (0.21–0.27)
C18:0	5.82 ± 0.19 (5.69–6.04)	1.62 ± 0.01 (1.61–1.63)	2.85 ± 0.18 (2.62–3.04)	1.68 ± 0.06 (1.62–1.77)
C18:1	42.44 ± 0.53 (42.12–43.05)	41.97 ± 0.10 (41.87–42.07)	41.11 ± 1.02 (39.59–42.46)	58.95 ± 0.82 (58.03–60.03)
C18:2	41.16 ± 1.17 (40.46–42.51)	36.91 ± 0.39 (36.52–37.30)	37.35 ± 1.73 (34.78–39.65)	21.68 ± 0.72 (20.71–22.45)
C18:3	0.43 ± 0.03 (0.40–0.46)	1.95 ± 0.17 (1.78–2.12)	1.64 ± 0.37 (1.11–2.15)	12.03 ± 0.19 (11.76–12.19)