

6. A note on the application of multiple correlation for estimating the individual digestibilities of a mixed feed.

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The digestibilities of a mixed feed in an animal nutrition experiment are usually obtained by calculating the digestibility of one of the feeds given singly and then assuming this to be the same in the mixed feed given to the animals. This procedure has been found objectionable by some workers and sometimes yields absurd results, e.g. negative digestibility. In this note, the individual digestibilities of the mixed feed have been directly estimated by the method of multiple correlation; results obtained so far appear to be highly satisfactory but this requires further experimental test.