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Scientists develop a new model to estimate consumers' intake of vegetable oil and fat in Europe

A new model to estimate the intake of vegetable oils and fats in the diet in a comprehensive way has been published in the Food Additives and Contaminants Journal.

The approach of this model is novel as it builds upon European Union consumption databases and elements of probabilistic modelling. The model uses polyunsaturated fatty acids (PUFA) as marker to link different vegetable oils and fats with food categories. It is meant for use for nutritional assessments or chemical risk assessments.

The scientific publication and model are co-authored by David Tennant^a and John Paul Gosling^b.

Both the scientific publication and model are available on the Food Additives and Contaminants Journal [here](#) in open access.

FEDIOL supported the model, particularly by providing statistics on vegetable oils and fats.

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