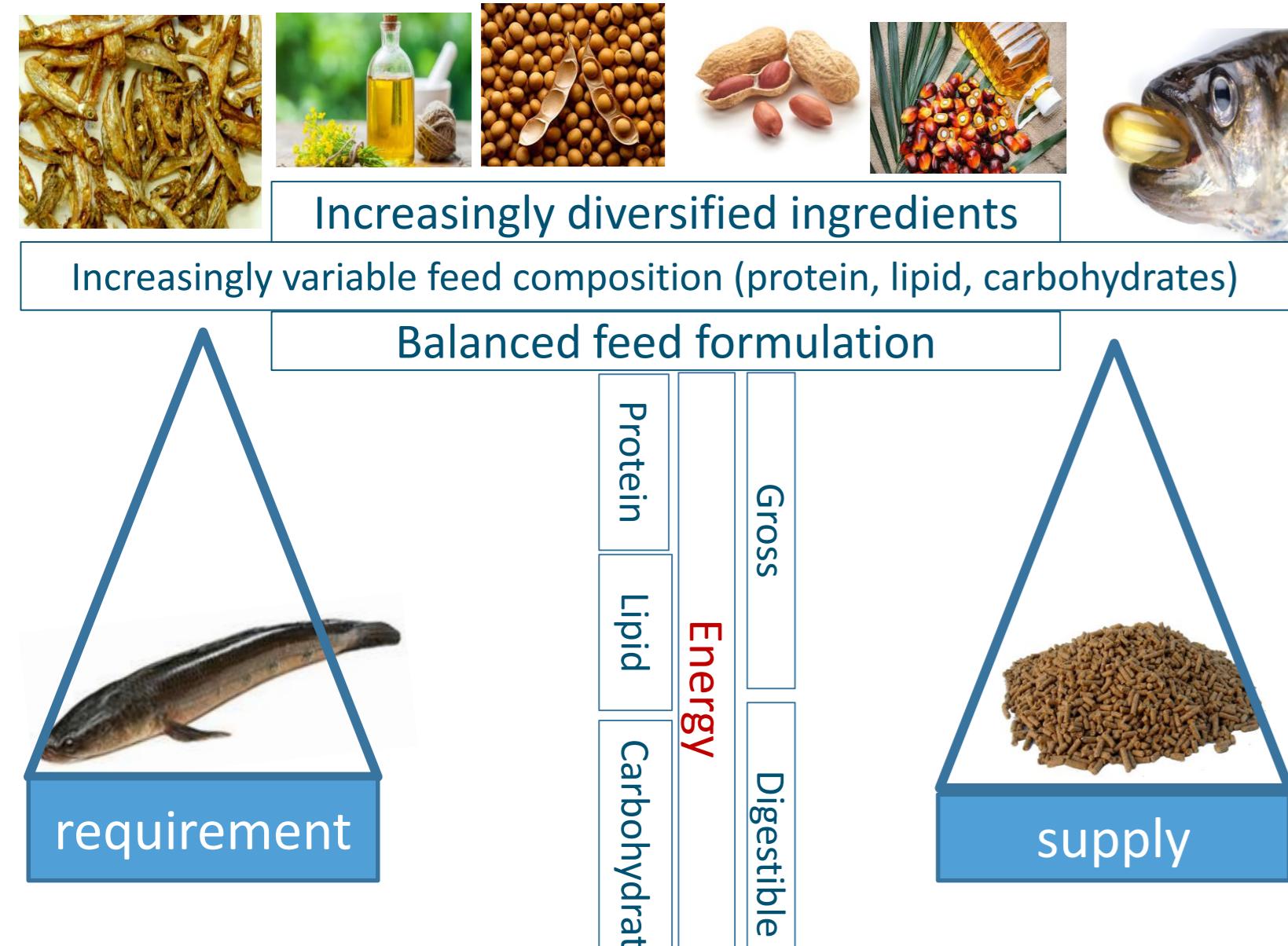


# Effect of dietary macronutrient variation on energy utilization efficiency in snakehead (*Channa striata*)

L.T.T. Phan<sup>1</sup>, J. Mas<sup>2</sup>, K. Masagounder<sup>3</sup> & J.W. Schrama<sup>1</sup>

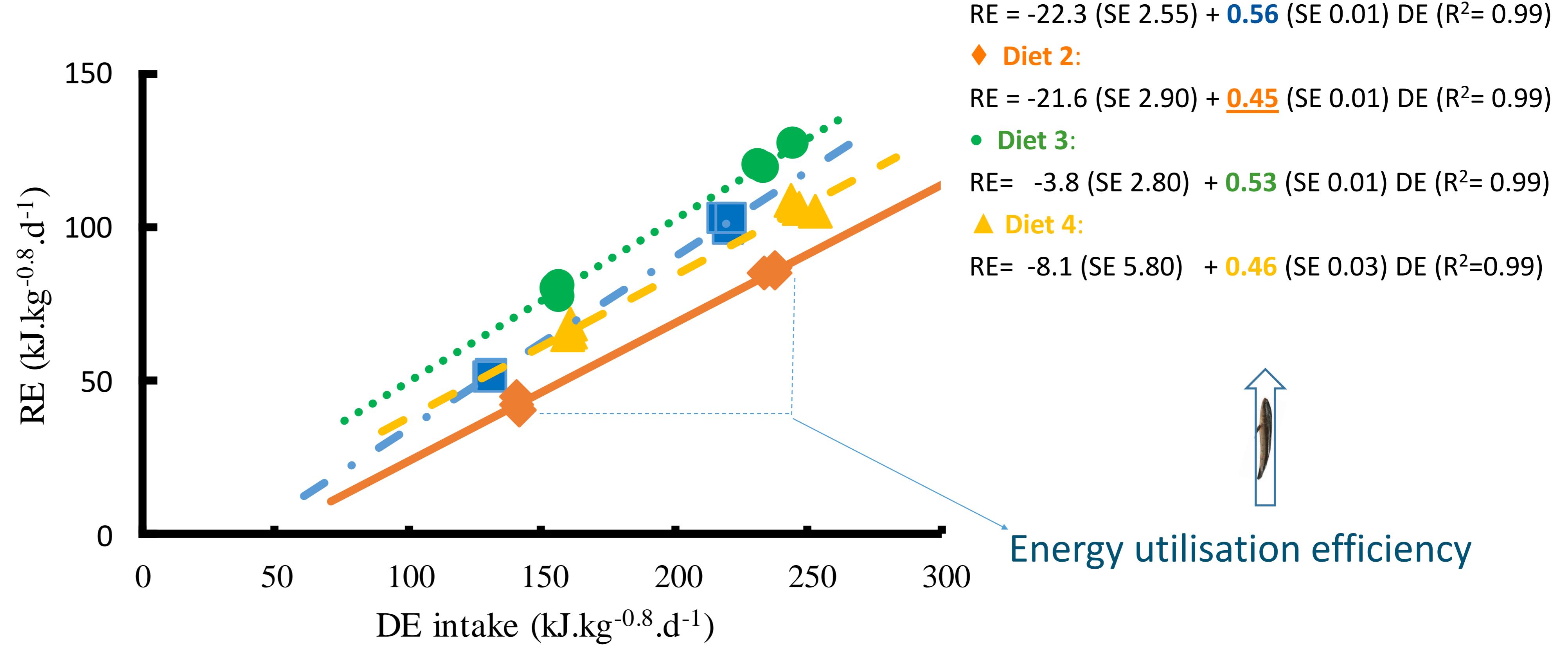
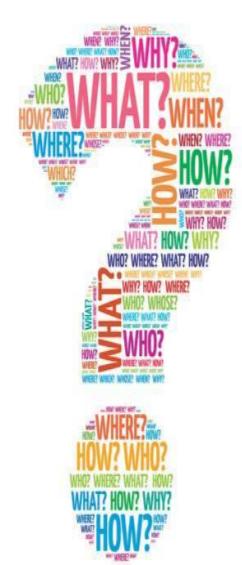


**Limited capacity** of snakehead to utilise carbohydrates (starch)

## Conclusions

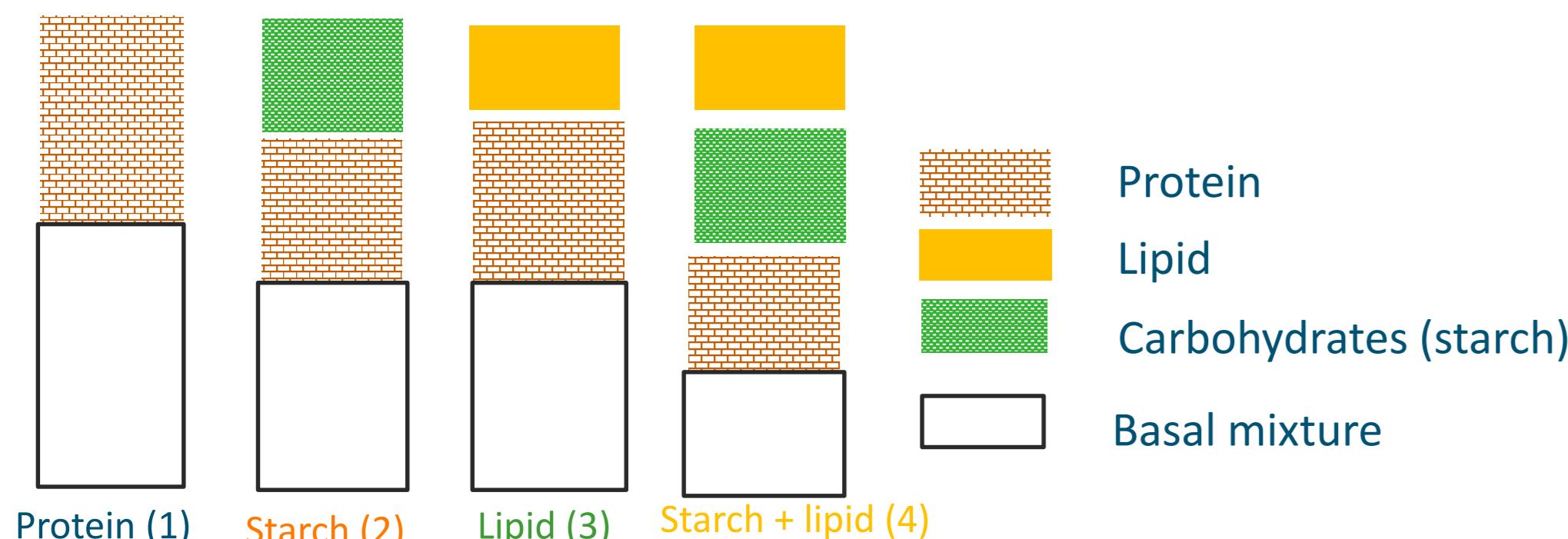
Variation in dietary macronutrients can affect energy utilisation efficiency in snakehead

Can variation in dietary macronutrients affect energy utilisation efficiency in snakehead?



4 experimental diets

Gross Energy (18.4 – 21.3  $\text{kJ} \cdot \text{g}^{-1}$  DM)



2 Feeding levels

3 replicates

## Factorial approach

$$\text{Retained Energy (RE)} = f(\text{Digestible energy (DE) intake})$$

