

Life cycle analysis for greenhouse gas emissions of food

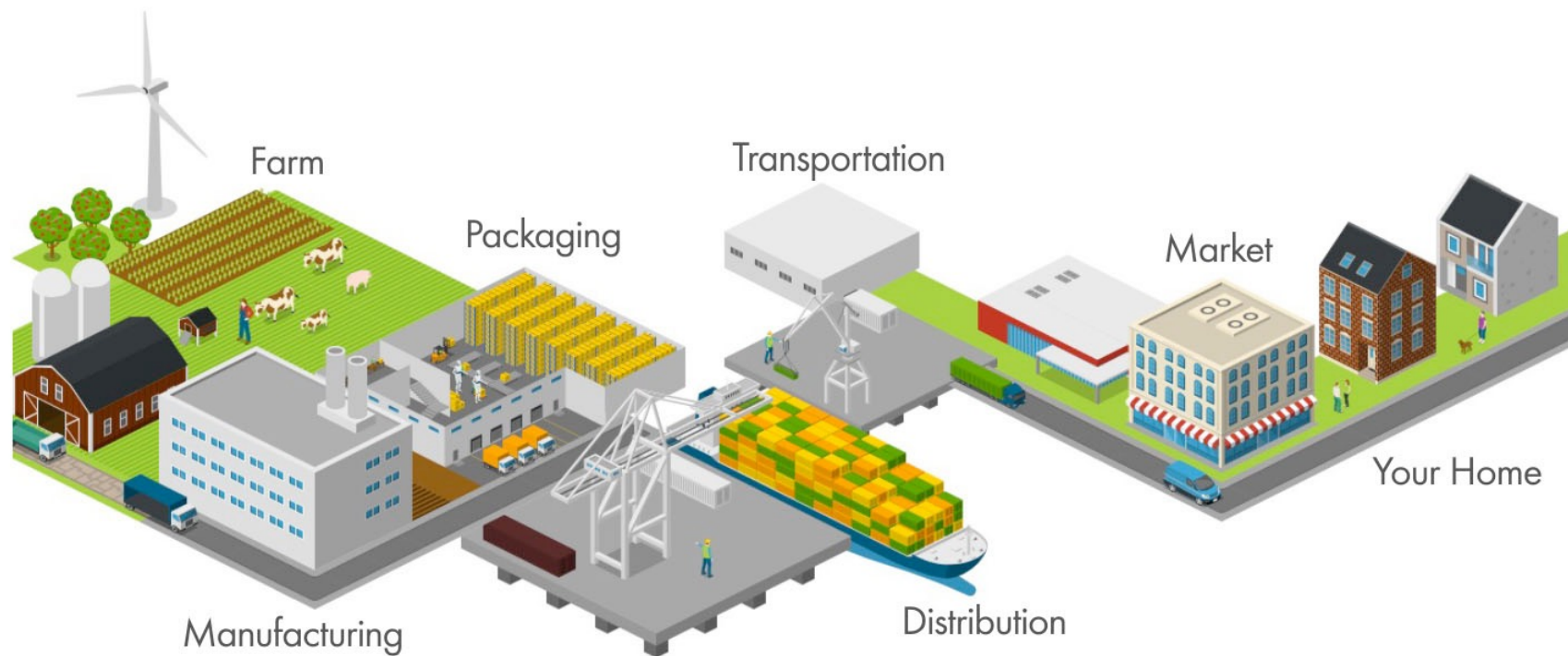


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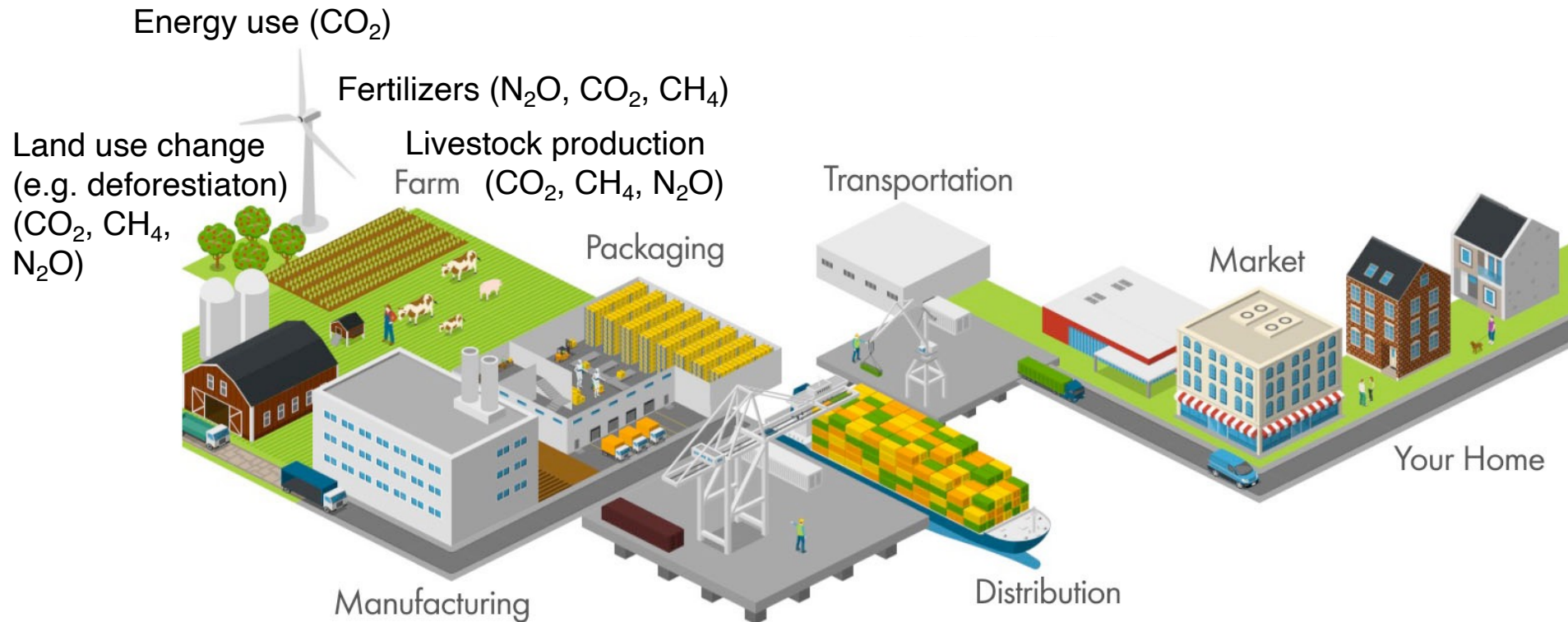


Measuring GHG emissions from food production systems



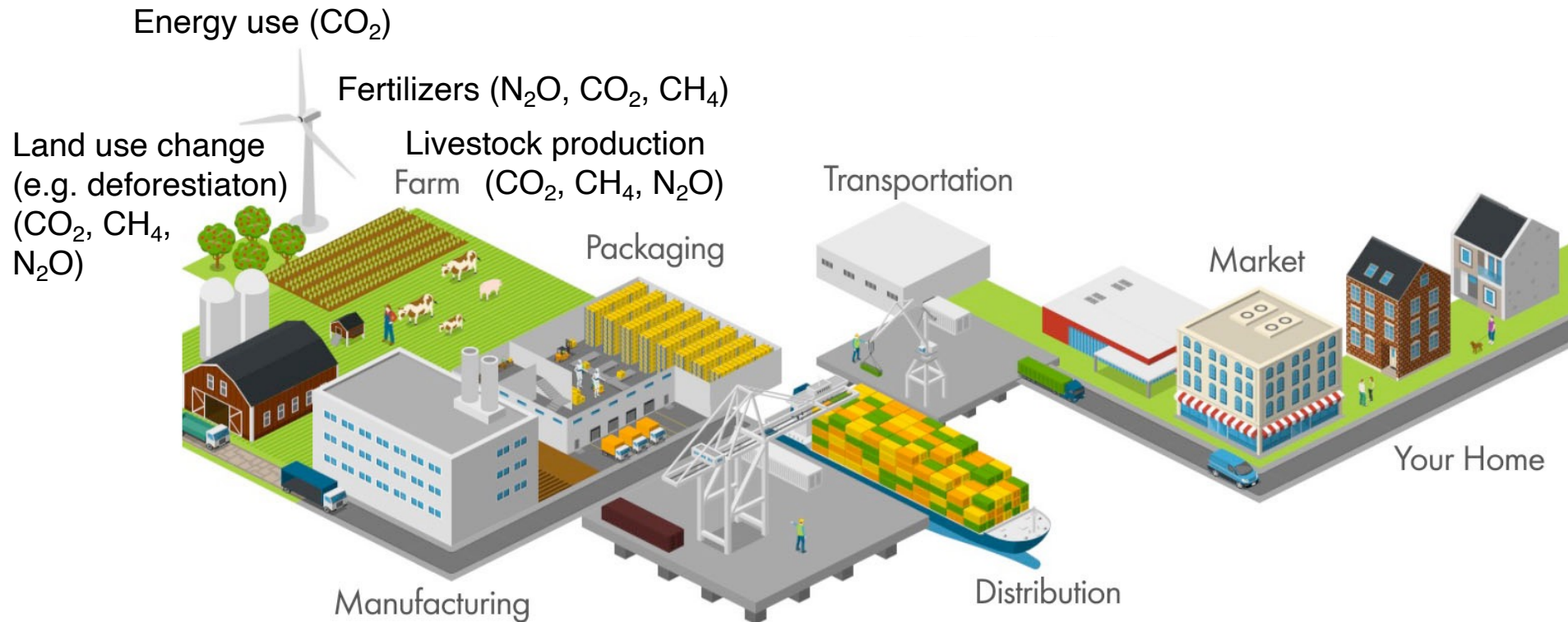
Measuring GHG emissions from food production systems

Sources of emissions from production



Measuring GHG emissions from food production systems

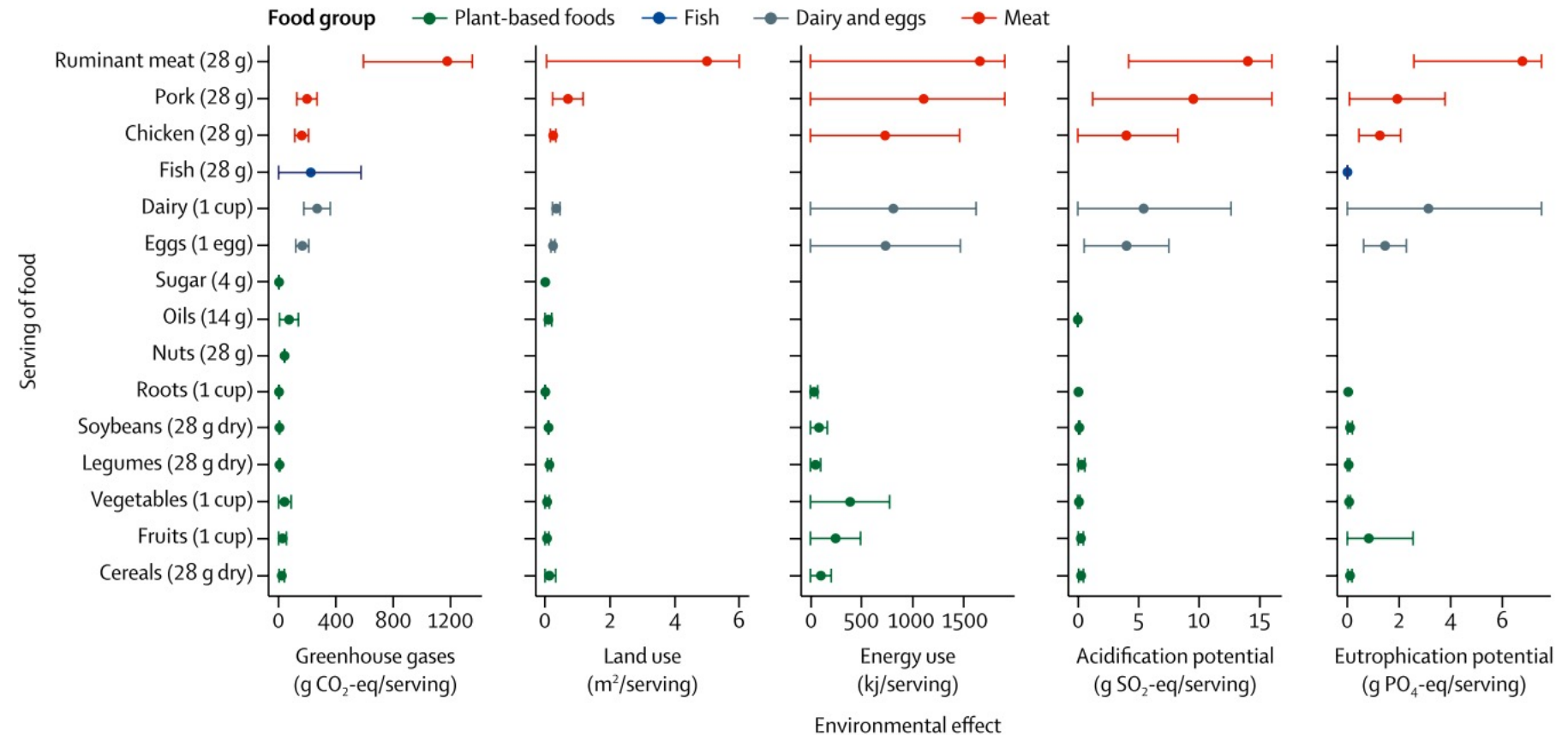
Sources of emissions from production



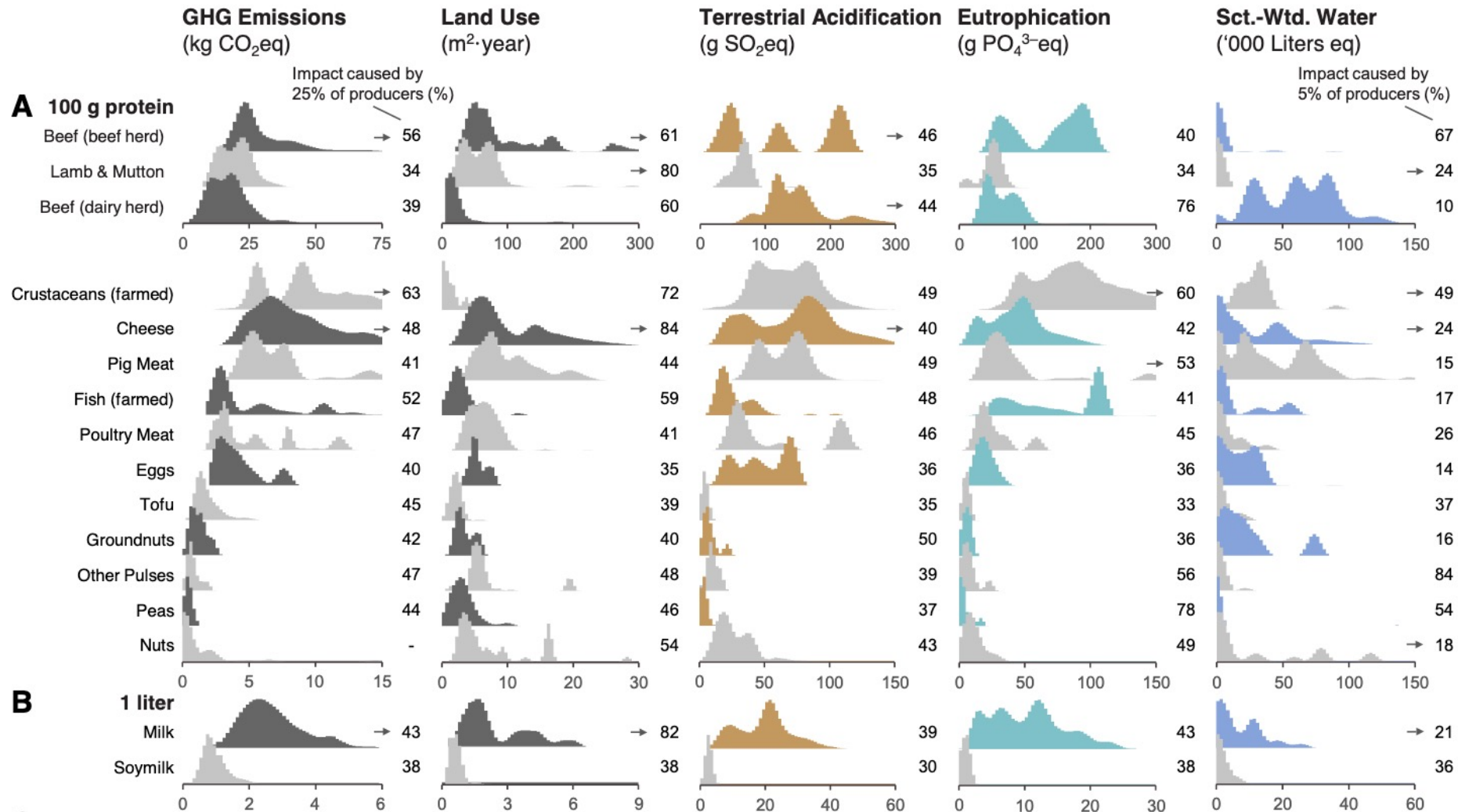
Sources of emissions from elsewhere in food supply chains

Energy use for transportation, manufacturing, processing, preparation, etc (CO_2)

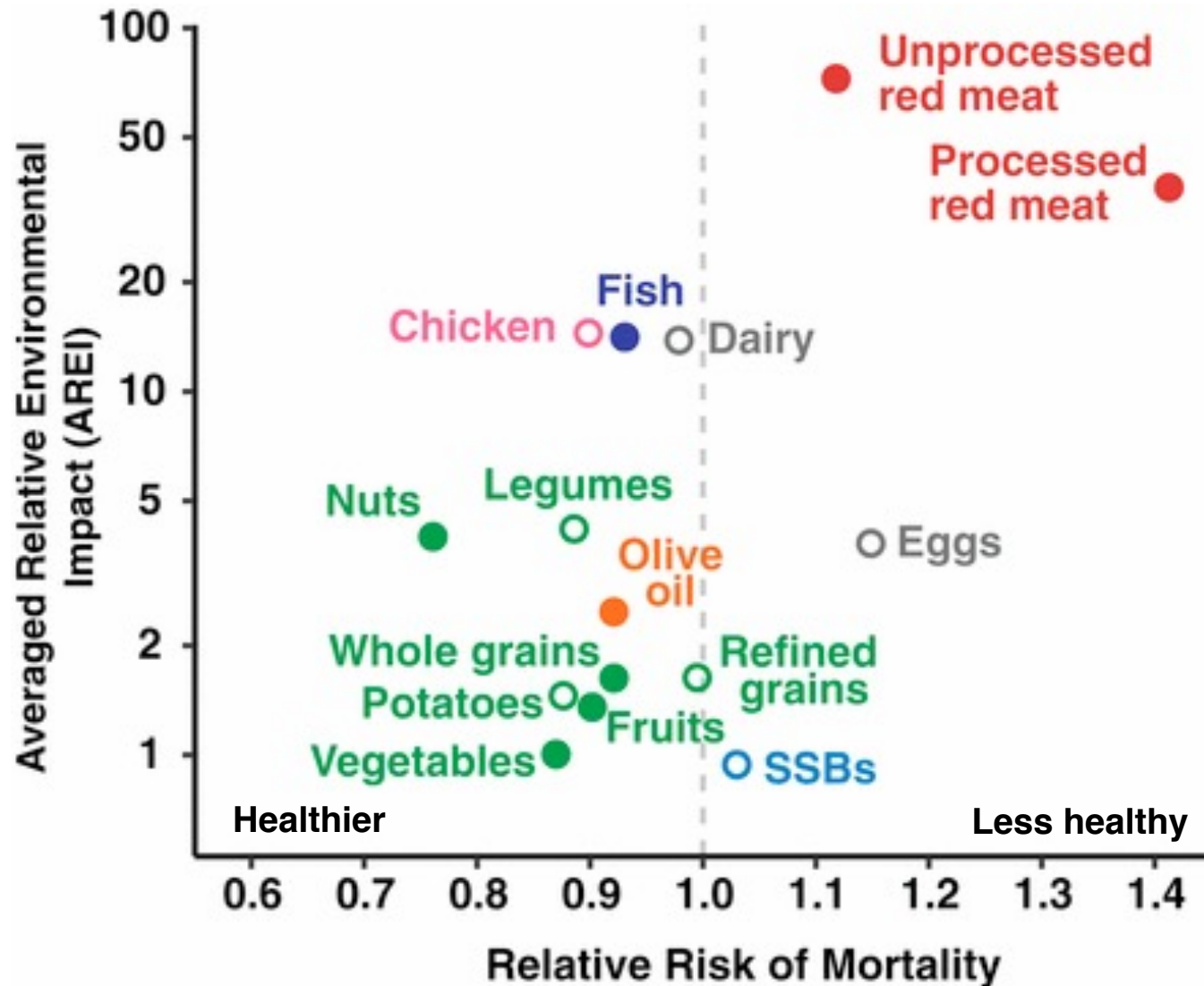
Impact across foods is highly variable



Impact within a food is variable



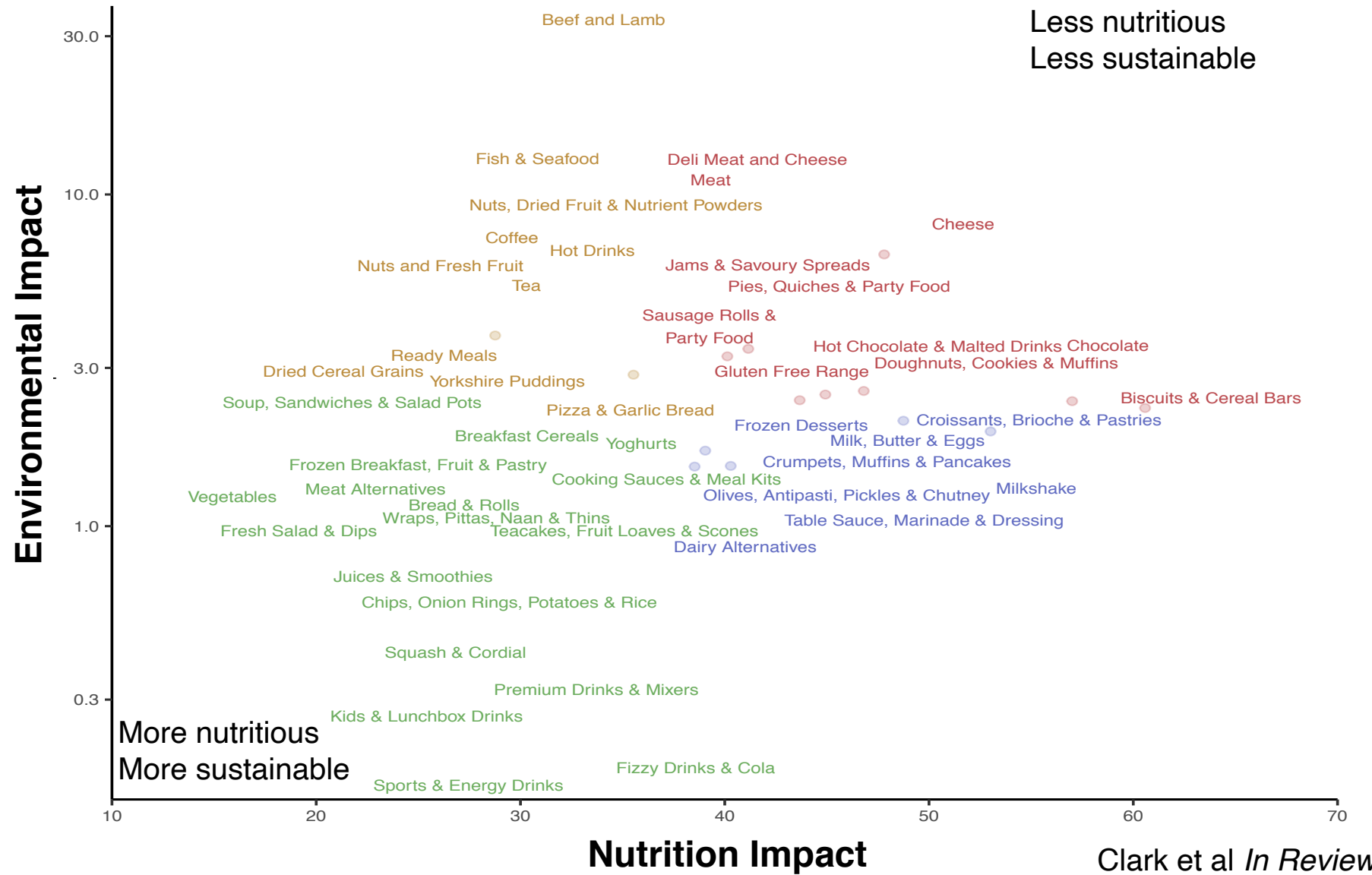
Combining health and environment



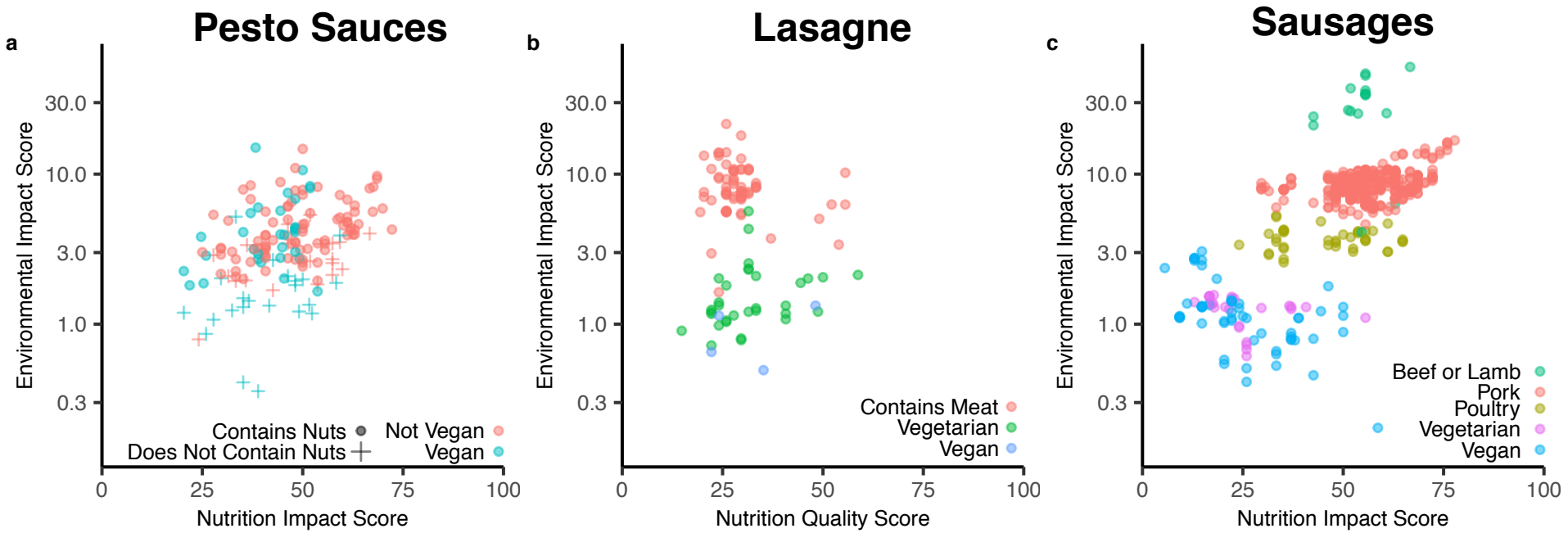
Going beyond one ingredient foods



Impacts of products in supermarket Aisles



Impacts of similar foods can be highly variable



System-wide transformations are needed

