data source: FAOSTAT (2010-2018) estimated global pork consumption $E_{pork} \approx 0.05 \cdot E_{dav} \approx 100 \text{ kcal} \cdot day^{-1}$ global pork $\rho_{\text{nork}} \approx 3 \text{ kcal} \cdot \text{g}^{-1}$ production 100 kcal 1 kg pork 365 days . 7 · 109 people $\approx 115 \pm 5 \text{ Mt} \cdot \text{year}^{-1}$ 3000 kcal 1 year

(B) $m_{pork} \sim 10^{12} \text{ kg} \cdot \text{year}^{-1}$ $m_{_{edible}} \approx \, 150 \; kg \, \boldsymbol{\cdot} pig^{\text{--}1}$ 1 pig ~5·109 pigs·year-1

~ 108 kg · year -1 ~ 100 Mt · year -1

ESTIMATED PRODUCTION AND PROCESSING

(A)

global processed pork population $\approx 15 \pm 5 \cdot 10^8 \text{ pigs} \cdot \text{year}^{-1}$

AGGREGATED DATA

mean ± std