Population Data Show No Evidence For A Thinness Norm On Body Weight

Social Body Weight Norms: A Population-Based Profile in Germany, the Netherlands and the United States

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Introduction

- A widely held belief is that social norms regarding body weight in Western societies are thin and strict
- This belief is supported by empirical evidence drawn from mass media and convenience samples that may not represent common views in the population.
- This study presents the first population-based profile of social body weight norms. Data come from Germany, the Netherlands, and the United States

Methods

Data

- GESIS panel (Germany, N = 4,285, ages 24 to 74), LISS (the Netherladns, N = 2,040, ages 18 to 84), UAS (the US, N = 1,390, ages 18 to 84).
- · Data collected in 2019 within the Open Probability-Based Panel Alliance (OPPA).

Measures of body weight norms

· Norms were measured via ratings of female and male figures on a validated figure rating scale.

Statistical models

• Linear probability models estimated the probability of rating each of the eleven figures on each of the outcome variables (see Table 1), controlling for age categories, device type, survey mode (in Germany), and order of the figures on the FRS.

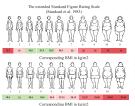
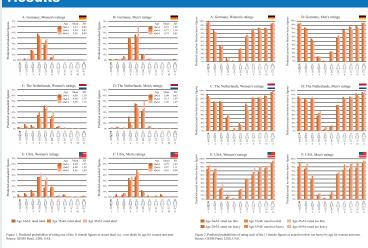


Figure 51: Extended Similard Figure 12 states Seals. The similar 4-Bilbouret seals were standed to 11 silbouret seals similar 4-Bilbouret seals were standed to 11 silbouret by adding one silbouret representing higher level of or overeight. We exhault for saids with premisers and of the control of the said with premisers and seals of the said of the sai



Note Ratings of ideal figures were operationalized continuously fringe [10:1]), to sees the average ideal figures, and eaterpointally (1) separate categories), to assess the probability to each of the figures to be rates as ideal. Ratings for foot him the heavy figures were operationalized categoriestly (value) if a figure was rated as too thin or too beavy, otherwise! This operationalization allowed estimating the probabilities of rating each figure as too thin or too beavy.

Results



Social norms for ideal weight

- Norms for ideal weight are not thin:
- Female figures commonly rated ideal corresponded to the BMI range from 21.5 to 27.5.
- Male figures commonly rated ideal corresponded to the BMI range from 22.5 to 27.5.

Social norms for accepted weight

- Norms for accepted weight for females are stricter:
- Female figures commonly rated neither too thin nor too heavy corresponded to the BMI range from 21,5 to 24.
- · Norms for accepted weight for males are less strict:
- Male figures commonly rated neither too thin nor too heavy corresponded to the BMI range from 22,5 to 27.

Actual vs. perceived norms

 Perceived norms were thinner than actual norms. This contrast was concentrated in questions about the ideal female body weight.

Population differences

- Heavier norms were found among older people and men, and more often in the Netherlands than in Germany and the United States.
- The contrast between perceived and actual norms was most pronounced in the U.S.

Conclusions

- The notion of a very thin ideal is not supported by population-based data, as figures representing low BMI levels were not selected as ideal and were commonly rated as too thin.
- · However, the notion of a strict norm on body weight is supported, as only a narrow range of figures was rated as neither too thin nor too heavy.

References

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