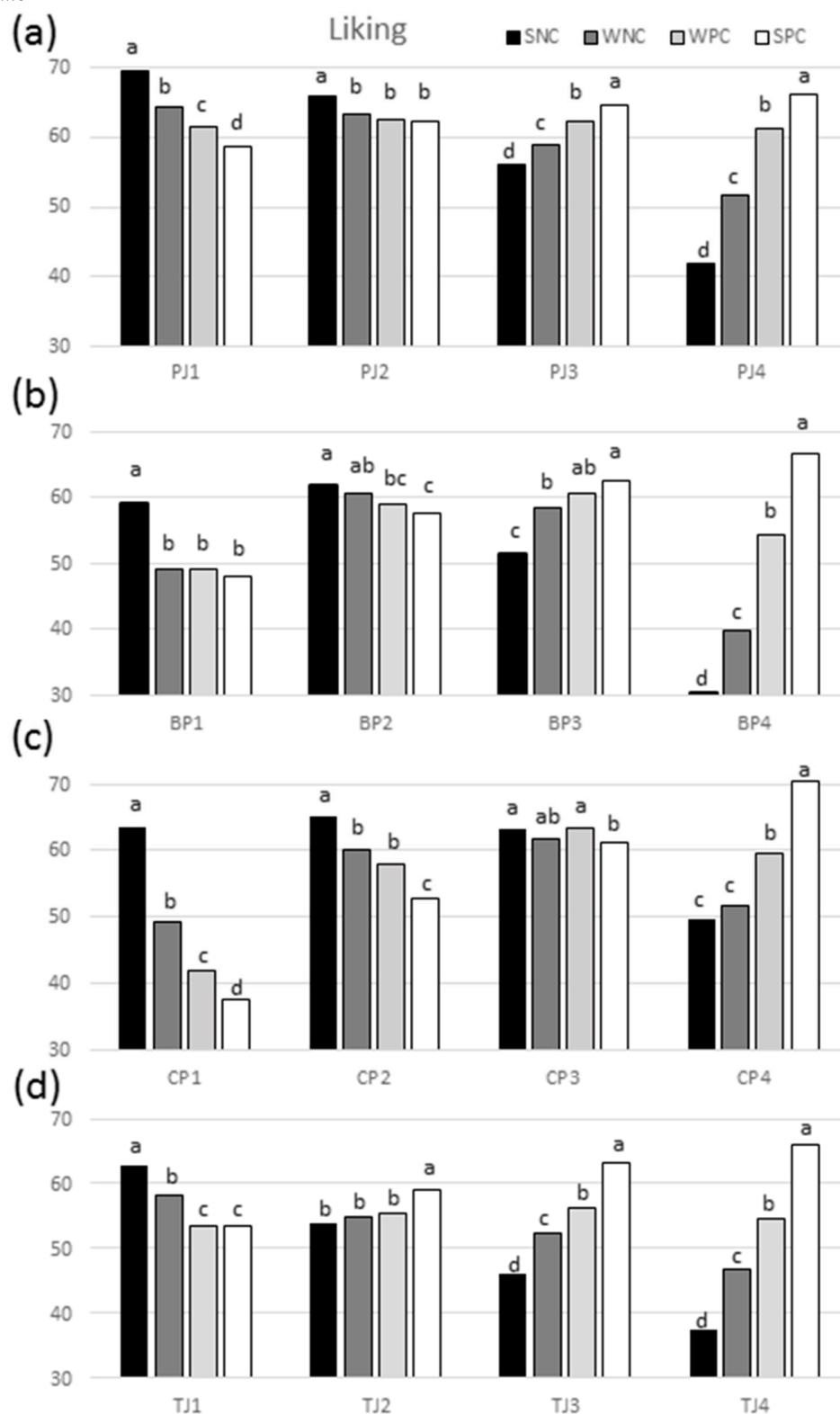
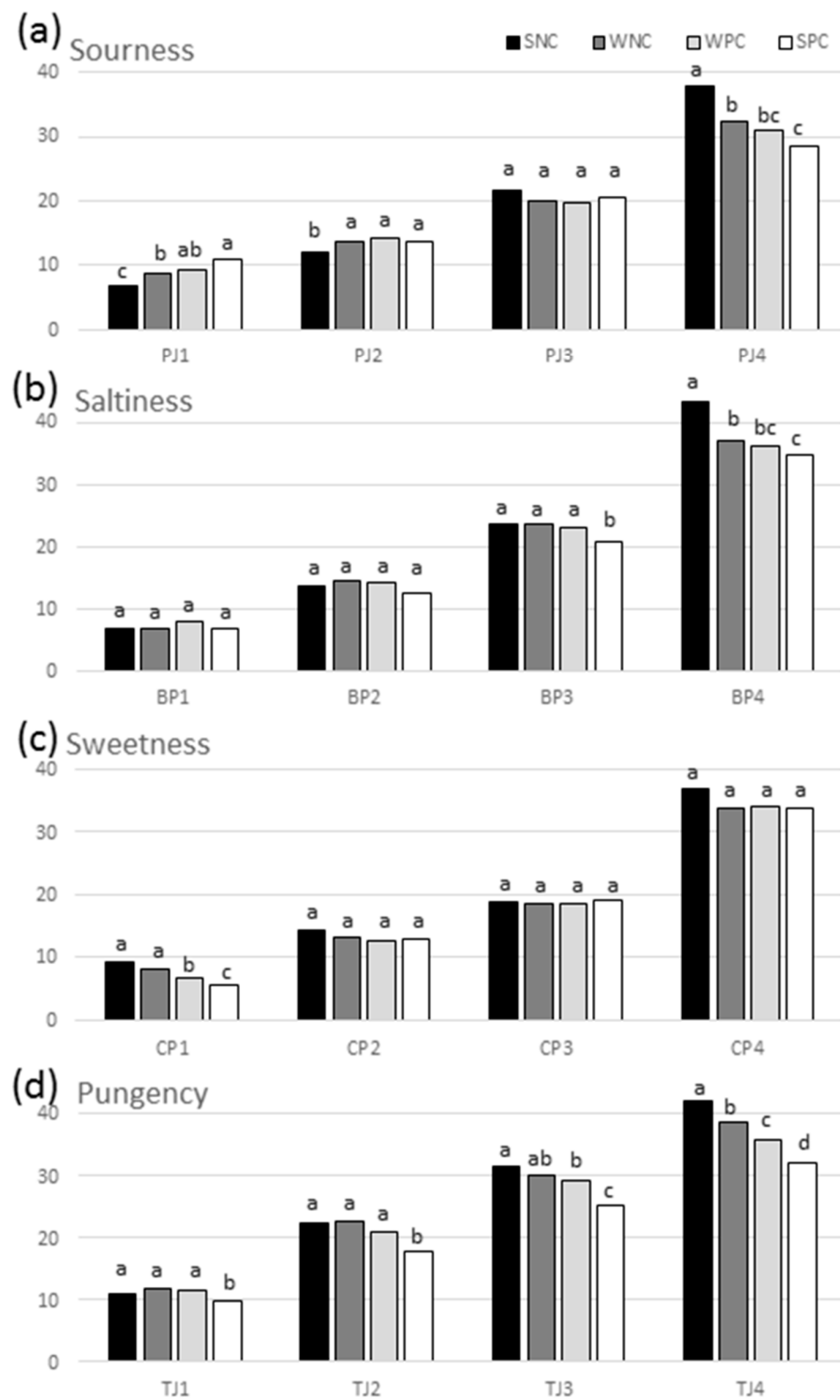


Supplementary materials



**Figure S1.** Differences between clusters (SNC = Strong Negative Correlation, WNC = Weak Negative Correlation, WPC = Weak Positive Correlation, and SPC = Strong Positive Correlation) in terms of liking among the four samples are reported for each food model: Pear Juice (a), Bean Purée (b), Chocolate Pudding (c), and Tomato Juice (d). Within each sample, different letters indicate a statistically significant difference ( $p < 0.05$ ) among clusters.



**Figure S2.** Differences between clusters (SNC = Strong Negative Correlation, WNC = Weak Negative Correlation, WPC = Weak Positive Correlation, and SPC = Strong Positive Correlation) in terms of perceived intensity of target sensation among the four samples are reported for each food model: Pear Juice (a), Bean Purée (b), Chocolate Pudding (c), and Tomato Juice (d). Within each sample, different letters indicate a statistically significant difference ( $p < 0.05$ ) among clusters.

**Table S1.** List of abbreviations in alphabetical order.

Abbreviation	Description
ANOVA	ANalysis Of VAriance
BMI	Body Mass Index
BP	Bean Purée
BP1- BP4	Bean purée samples with increasing concentration of sodium chloride
CP	Chocolate Pudding
CP1-CP4	Chocolate pudding samples with increasing concentration of sucrose
gLMS	general Labeled Magnitude Scale
IT	Italian Taste
LAM	Labelled Affective Magnitude
MT	medium tasters
NT	non-tasters
PJ	Pear Juice
PJ1-PJ4	Pear juice samples with increasing concentration of citric acid
PROP	6-n-propylthiouracil
SD	Standard Deviation
SNC	Strong Negative Correlation
SPC	Strong Positive Correlation
ST	supertasters
TJ	Tomato Juice
TJ1-TJ4	Tomato juice samples with increasing concentration of capsaicin
TS	Target sensation
WNC	Weak Negative Correlation
WPC	Weak Positive Correlation