

# Temporal dominance of emotions: a useful tool to profile video advertisements

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# TEMPORAL DOMINANCE OF EMOTIONS:

# SensoStat A USEFUL TOOL TO PROFILE VIDEO ADVERTISEMENTS



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### INTRODUCTION

Emotions play an important role in purchase decisions.

PANELISTS

282 French panelists

(18-60 years old) ADVERTISEMENTS 3 Nesnresso advertisements (featuring Georges Clooney)

PROCEDURE One session, conducted at home

using TimeSens© software

. The panelists indicated their dominant emotion during the viewing using a TDE protocol. · The attribute list was based on the emotions of

· After each advertisement they scored purchase

intent and brand image improvement.

Plutchik's wheel.

- Advertisements are designed to drive consumer's emotions
- Recently, Jager et al. (2014) introduced Temporal Dominance of Emotion (TDE) to dynamically profile emotional responses during chocolate tasting.

## **OBJECTIVES**

- Adapt TDE to measure emotions perceived during advertisement viewing at home.
- Investigate potential emotional discrimination between different advertisements for Nespresso coffees.
- Correlate purchase intent and brand image with measured emotions.

# **MATERIAL & METHODS**

Test now the session as a panelist!

he tablet is currently not available Come and see us at the SensaStat booth to try the session.

In this demo session, you are going to watch one advertisement. Please click at any time on the button corresponding to the dominant emotion felt.







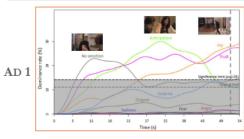


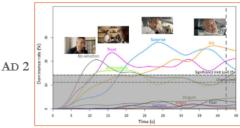


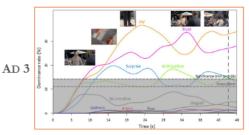




# RESULTS



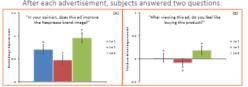




- "No emotion" is longer dominant in Ad 1 and Ad 2.
- . Emotions such as "Joy" and "Surprise" peak during key scenes

# PURCHASE INTENT (PI) & BRAND IMAGE (BI)

After each advertisement, subjects answered two questions



# TEMPORAL DRIVERS OF BI & PI

The figure represents the average deviation of BI and PI while the emotional attribute was dominant in an advertisement. Mean scores were tested against 0 by Student tests.

"Jov", "Trust" and "Anticipation" are strong positive drivers of BI and PI while "No emotion" is a negative one.

## CONCLUSIONS

- · The TDE curves of the three video advertisements highlight specific temporal emotional profiles.
- The two less emotional advertisements have less positive impact on Bl and Pl.
- Emotional drivers of BI and PI have been identified.
- These results validate the application of the TDE protocol at home with advertisements.
- Working with a controlled stimuli give insights about the way the subjects dynamically relate their emotions.

# PERSPECTIVES

- The concept of dominance in TDS/TDE could be investigated with specific videos were apparition and intensity of signal vary in a controlled way.
- This type of video could be used as an interactive training tool for temporal sensory methods allowing panelists to better understand the instructions and panel leaders to check their panelist's performances.

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