

Semantic pruning in sentence context

Threat

**then
monuses**

caught



Strong semantic association



Weak semantic association

The **snake** caught the **mouse**

➔ **Mixed results in the literature**

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- the role of syntactic structure

•sentimentalassocialineffects

*Blank & Foss, 1978; Carroll & Slowiaczek, 1986; Duffy et al., 1989; Morris, 1994;
Traxler et al., 2000; Van Petten, 1993; Van Petten et al, 1999; Khachatryan, 2018*

Semantic priming in a sentence context



Strong semantic association

The **cat** caught the **mouse**



Weak semantic association

The **snake** caught the **mouse**

➔ **Mixed results in the literature**

Blank & Foss, 1978; Carroll & Slowiaczek, 1986; Duffy et al., 1989; Morris, 1994; Traxler et al., 2000; Van Petten, 1993; Van Petten et al, 1999; Khachatryan, 2018

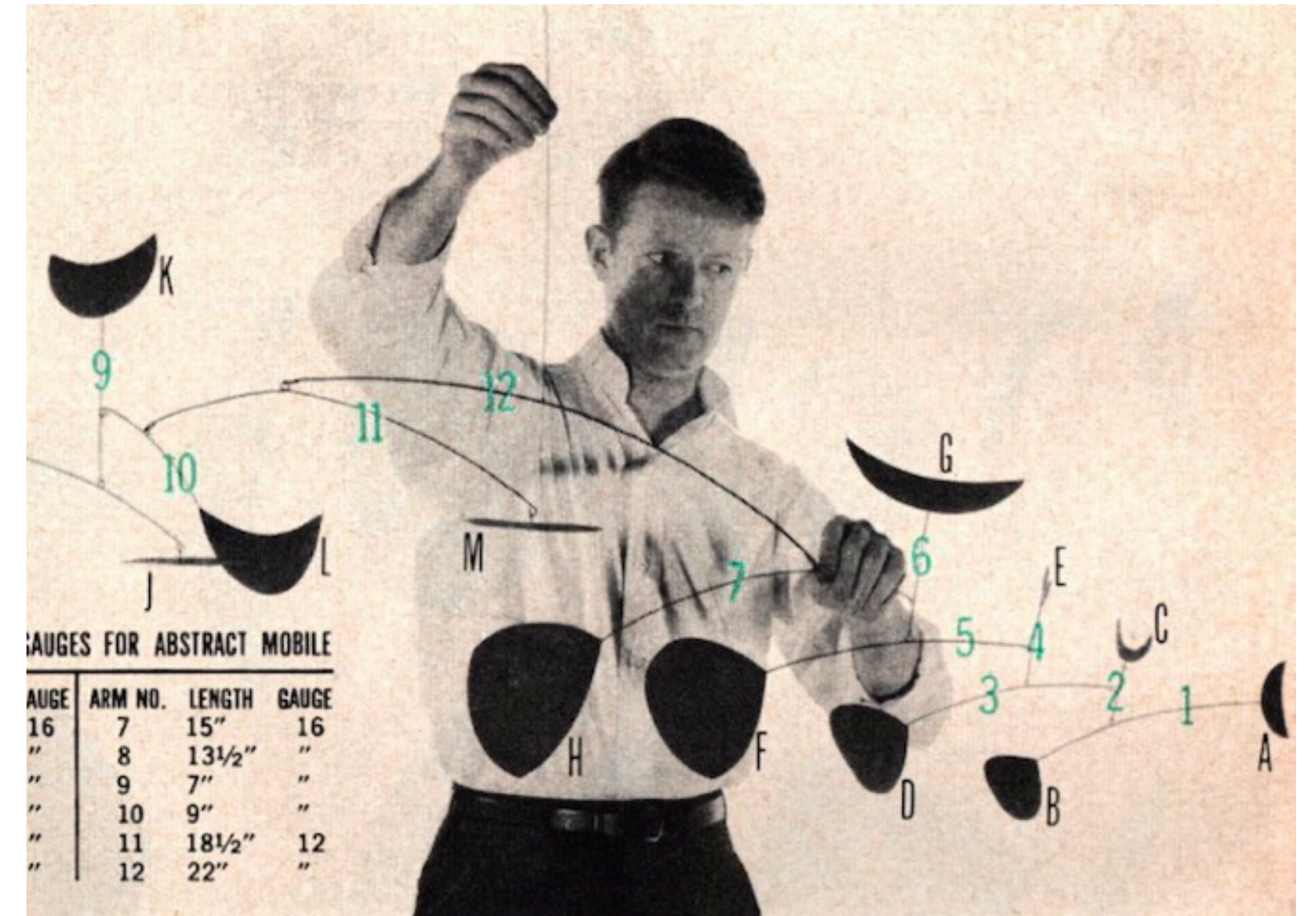
EXPERIMENTAL DESIGN

Sentences with prime and target
with various:

Semantic Association

Relation within the hierarchical structure

Linear Distance



Kinetic mobile by Roland Crump, c 1963