

# View

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## 1 Introduction

Recorded some observations during the live event.

## 2 Live

### 2.1 Love

Love is a complex emotion, often characterized by behaviors that can be difficult to understand. We propose a metric to quantify love as follows:

**Assumption 1** *Let  $A$  represent the behavior of one person and  $B$  represent the behavior of another person. We define love  $L$  from person  $B$  to person  $A$  as following:*

$$L_{B \rightarrow A} = \sum_{a \in A, b \in B} (P(b | a) - P(b))^2, \quad (1)$$

where  $P$  represents the probability of an behavior occurring.