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What You See Depends on What You Hear: Temporal Averaging and Crossmodal Integration

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Keywords:

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ventriloquism effect (& , 201)

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Auditory driving effect (... & ... 2011, ... & ... 1, ... 1, ... 1, ... 1).
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ensemble coding (... 2011, ... 2001).

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Bayesian Model

Let y be the observed data, θ the unknown parameters, and w the weight. The model is defined by the following equations:

$$y \sim N(\mu, \sigma^2) \quad (A)$$
$$\mu \sim N(\mu_0, \sigma_0^2) \quad (M)$$

(Gelman & Hill, 2002), where $\mu_0 = A \cdot N I_a, \sigma_0^2 = M \cdot N I_m, \sigma_m^2$.

$$\hat{I}_{full} = w I_a + (1 - w) I_m$$

$$\hat{I}_{full} = w I_a + (1 - w) I_m, TF2850x.2110T9.51wTF11Tf.61Tf900925821Tf1.0546Tm,TF101Tf.460829f-55316.179II$$

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1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support effective decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The final part of the document provides a summary of the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation to ensure that the data collection and analysis processes remain effective and up-to-date.

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