Music, Interpersonal Synchrony, and Social Affiliation

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Liking

(Hove & Risen, 2009; Cirelli et al., 2014)
What's missing
What is the role of music?
Research Question

Does music exaggerate the effect of synchronous movement on social bonding?

What mediates the effect?

Better able to move in synchrony?

Better mood?
Procedure

Cover Story: Memory for Movement
Procedure

Cover Story: Memory for Movement

Consent
Procedure

Cover Story: Memory for Movement

Dance Tutorial

Consent
Procedure

Cover Story: Memory for Movement

Consent

Dance Tutorial

Dance Video
## Conditions

<table>
<thead>
<tr>
<th>Movement</th>
<th>No Music</th>
<th>Music</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Movement</td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td><img src="image3.png" alt="Image" /></td>
<td><img src="image4.png" alt="Image" /></td>
</tr>
</tbody>
</table>
Measures

Dependent Measures

Please circle the picture below which best describes your relationship.
Measures

Possible Mechanisms

Individual Differences
Results

Experiment 1

$N = 143$

- Entitativity
- Trust
- IOS
- Helping

X

X

X

X
Experiment 2
Procedure

Cover Story: Memory for Movement

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Questionnaires
Results

Experiment 2

$N = 68$

Entitativity  
Trust

IOS  
Helping
Limitations

- Anxiety
- Complexity of movement
SO,

WHAT'S NEXT?

Experiment 3
Conclusions
Synchrony & Social Bonding

Is this effect as robust as we think?
Thank you
Questions?
