

# MIR User Studies through the Lens of Relevance

## Promoting the Impact of MIR User Research

David M. Weigl<sup>1,2</sup>, Joan C. Bartlett<sup>1</sup>, Daniel Steele<sup>1</sup>, Catherine Guastavino<sup>1</sup>

<sup>1</sup>School of Information Studies, McGill University, Canada

<sup>2</sup>Oxford e-Research Centre, University of Oxford, UK



Challenges limiting the impact of MIR user studies (as per Lee & Cunningham, 2013)

- Limitations of sample size and sampling strategy challenge generalizability
- Difficulty of systematic synthesis due to highly diffuse publication venues
- Disconnect between user researchers and system / evaluation task designers
- Fast changing nature of the MIR field, user behaviours, and expectations

How have we addressed these challenges?

- Triangulate findings of different studies using a shared conceptual framework
- Reuse Lee & Cunningham's list of 159 articles for our systematic analysis
- Provide access to all findings, queryable according to design task descriptors
- Encourage MIR user researchers to contribute new findings to our corpus

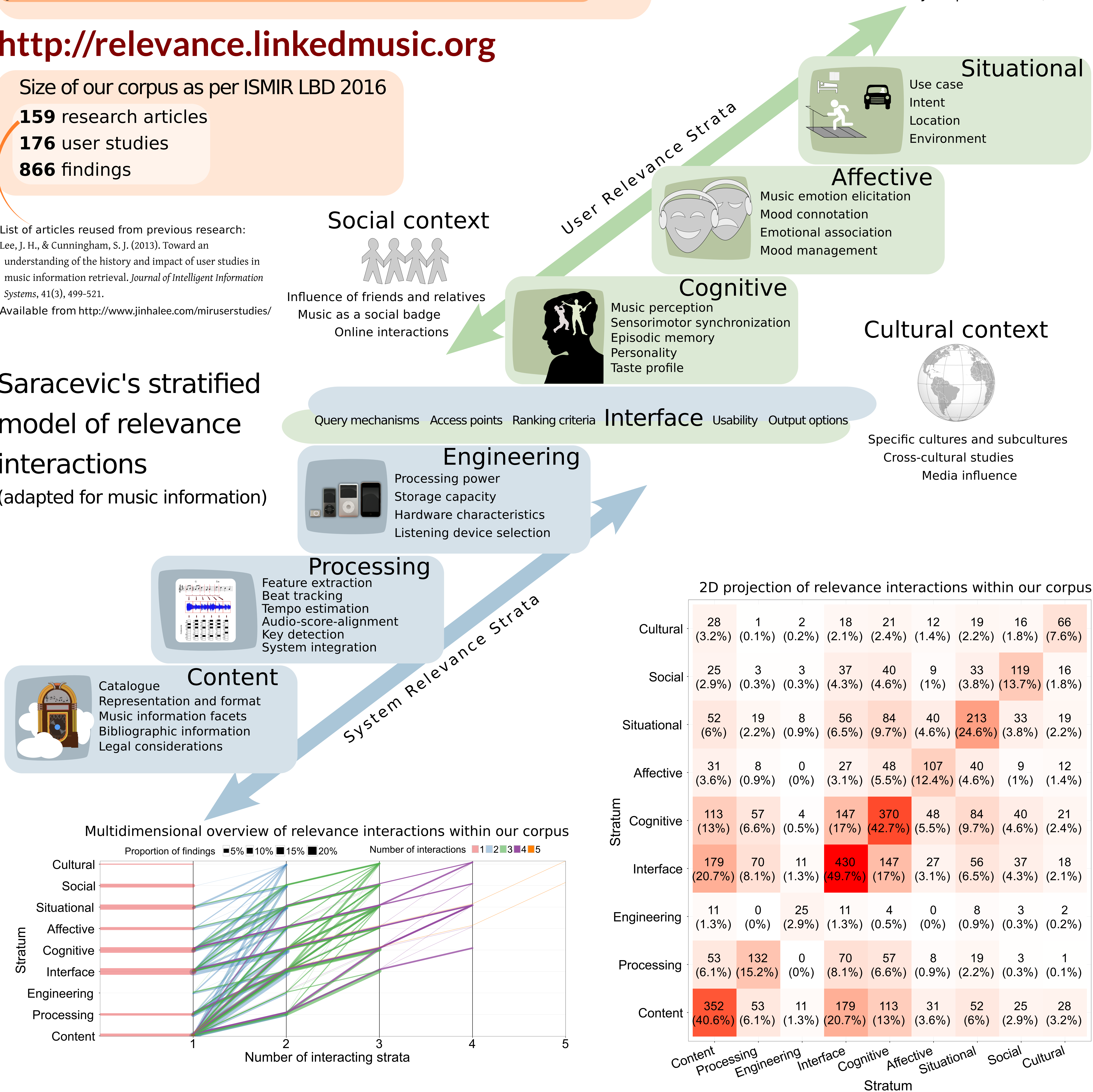
<http://relevance.linkedmusic.org>

Size of our corpus as per ISMIR LBD 2016

**159** research articles  
**176** user studies  
**866** findings

List of articles reused from previous research:  
Lee, J. H., & Cunningham, S. J. (2013). Toward an understanding of the history and impact of user studies in music information retrieval. *Journal of Intelligent Information Systems*, 41(3), 499-521.  
Available from <http://www.jinhalee.com/miruserstudies/>

Saracevic's stratified model of relevance interactions  
(adapted for music information)



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