



# Gioqoso, an Online Quality Evaluation Tool for MEI Scores

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# GioQoSo

## AN ON-LINE QUALITY EVALUATION TOOL FOR MEI SCORES

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### > DATA QUALITY ISSUES

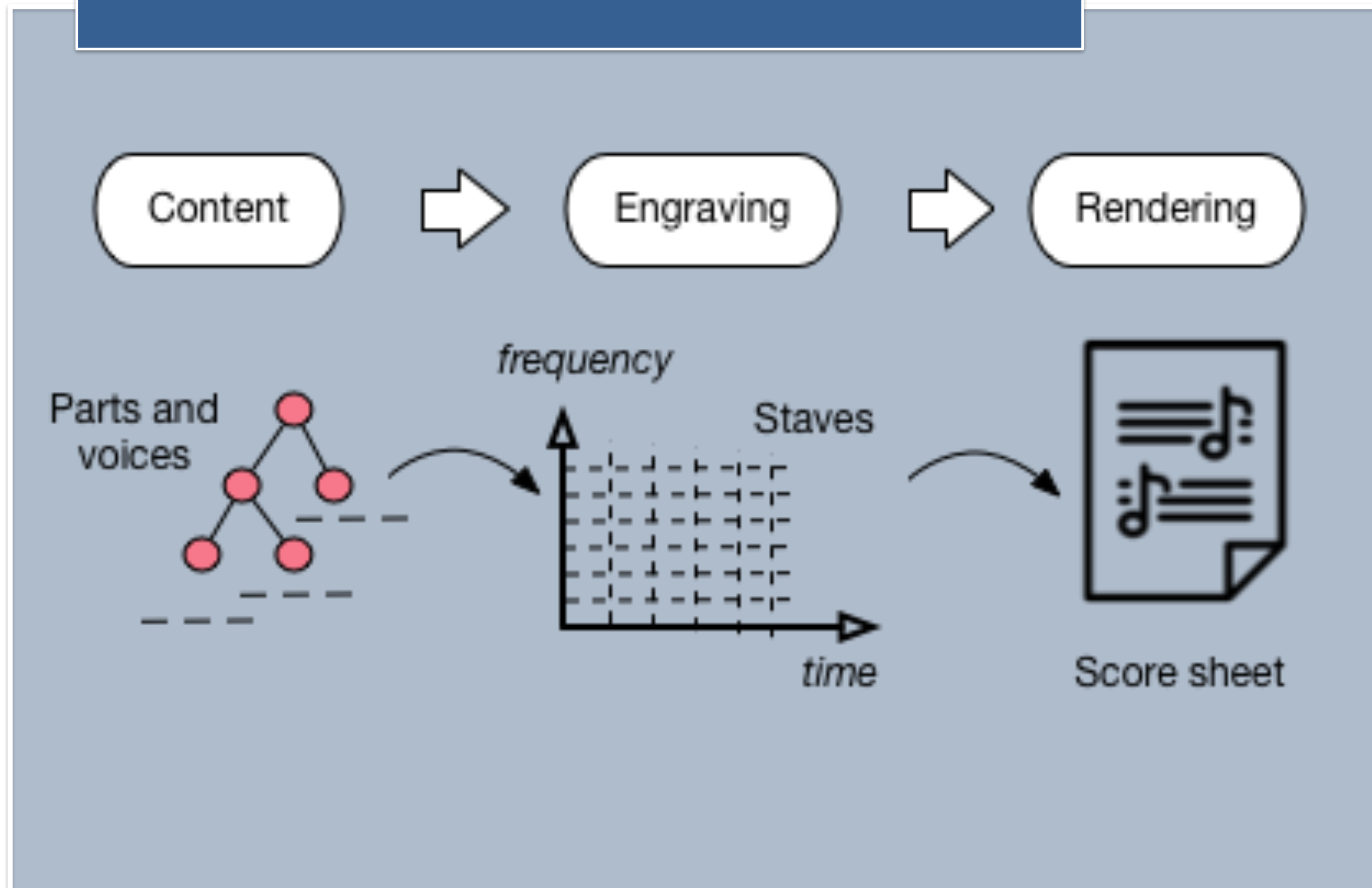
#### Data Quality Problems

<b>Validity</b>	Measure durations, voices and parts synchronization
<b>Consistency</b>	Heterogeneous notations, high variability in meta-data, undetermined or inconsistent editorial rules
<b>Completeness</b>	Missing notes, directives, ornamentation, slurs or ties
<b>Accuracy</b>	Music, lyrics

#### Quality Assessment



### > DATA QUALITY MODEL



### > DATA QUALITY METRICS (EXAMPLES)

#### Examples: score content issues

Measures filled and complete?  
All parts have equal length  
Consistent encoding of voices  
Lyrics correctly encoded?  
Lyrics / music association  
Etc.

#### Examples: score engraving issues

Voice / staves assignment  
Beaming issues  
Inconsistent key signatures  
Etc.

### > IMPLEMENTATION

The screenshot shows the web application interface. At the top, there's a 'Menu' and 'Connexion' section. The main area is titled 'Quality dashboard' and includes a search bar for entering a URL of a valid MusicXML or MEI score. Below the search bar is a musical score for four voices: Superius, Contratenor, Tenor, and Bassus. The score is displayed with lyrics and musical notation. On the right side, there's a 'Quality Concepts' section with a list of issues like 'Missing lyrics', 'Structural issues', 'Voices issues', etc. There's also an 'Info box' and an 'Annotate event' section.