Crowdsourcing annotations to study instructor intervention in MOOC discussion forums

Update - 26 Jan 2018
Inter-Annotator-Agreement

Simplify tasks - make sure turkers assign correct categories to correct posts

- Marking
- Categorization

Fleiss’ Kappa scores

<table>
<thead>
<tr>
<th>$\kappa$</th>
<th>Interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 0</td>
<td>Poor agreement</td>
</tr>
<tr>
<td>0.01 – 0.20</td>
<td>Slight agreement</td>
</tr>
<tr>
<td>0.21 – 0.40</td>
<td>Fair agreement</td>
</tr>
<tr>
<td>0.41 – 0.60</td>
<td>Moderate agreement</td>
</tr>
<tr>
<td>0.61 – 0.80</td>
<td>Substantial agreement</td>
</tr>
<tr>
<td>0.81 – 1.00</td>
<td>Almost perfect agreement</td>
</tr>
</tbody>
</table>
Marking Task - Warhol

Weighted Kappa: 0.633965915770644
Std Dev: 0.3349680155853
Categorization Task

1) Social/Errata?
2) If neither,
   1. Appreciation
   2. Agreement
   3. Disagreement
   4. Justification
   5. Reasoning Critique
   6. Paraphrase
   7. Refinement
   8. Extension
   9. Juxtaposition
  10. Completion
3) If None of The Above
   1. Clarification
   2. Generic Answer
   3. Other/ No Relation with Instr. Post

POST #5 by User #5

Javier, this bit of evidence, taken alone, is pretty thin gruel, I think. But, I don't want to dismiss it out of hand. Can you expand on your reasoning as to how the passage 'sounds extremely gay'? I'm not getting it.

Upvotes: 1
Full categorization Task update

Results-

Confusions between Agreement and Extension
Changes to carry out

Divide annotation categories into groups

Possible groups -

- Using COG Phase learning (annotation-guidelines)
- Tone of the instructor..