fuys at the NTCIR-16 QA Lab-PoliInfo-3 Budget Argument Mining Subtask
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**ArgumentClass**

- Models were created in BERT.
- Learning the argument labels attached to each monetary expression as labels for the corresponding sentence.
- Labels may be judged depending on the speaker’s position.
- Added the flag indicating whether a speaker is a legislator or not (“giin-flag”).

**RESULTS and CONSIDERATION**

<table>
<thead>
<tr>
<th></th>
<th>No “giin-flag”</th>
<th>“giin-flag”</th>
</tr>
</thead>
<tbody>
<tr>
<td>score</td>
<td>23.91%</td>
<td>23.40%</td>
</tr>
<tr>
<td>argumentClass</td>
<td>59.56%</td>
<td>56.92%</td>
</tr>
<tr>
<td>relatedID</td>
<td>34.78%</td>
<td>34.04%</td>
</tr>
</tbody>
</table>

- There was little difference in the results with and without the “giin-flag”.
- Causes of low scores for RelatedID.

**Cause**

- Words in the assembly minutes do not appear in the budget item.
- Sometimes the TFIDF values of words we can judge to be keywords are not high, or words cannot be extracted.