*Table 1- Constructed corpora based on the CG corpus for the **Event generation** task*

File name	Description
event_extraction_3to1.dat	(Context length = 0 previous utterances) **[Prompt Structure]** Input: Events: "target utterance" Output: <Event1> <Event2> ….
event_extraction_3to1_2previous.dat	(Context length = 2 previous utterances) **[Prompt Structure]** Input: Events: "target utterance" \n Context: \n utterance1:<> \n utterance2: <> Output: <Event1> <Event2> ….
event_extraction_3to1_4previous.dat	(Context length = 4 previous utterances)
event_extraction_3to1_speaker_based	(Context length = all previous utterances until we see the speaker's utterance against the current speaker)

*Table 2 - Constructed corpora based on the CG corpus for the **Belief Classification** task*

File name	Description
cg_3to1_1previous_event_selection.dat	(Memory length = all events up to 1 previous utterance) **[Prompt Structure]** Previous Sentences: <Event1> <Event2> … <Event N> Target Sentence: <Target Event>
cg_3to1_2previous_event_selection.dat	(Memory length = all events up to 2 previous utterances)
cg_3to1_3previous_event_selection.dat	(Memory length = all events up to 3 previous utterances)
cg_3to1_4previous_event_selection.dat	(Memory length = all events up to 4 previous utterances)
cg_3to1_2previous_event_selection_aug_french.dat	The augmentation operation on its Minority classes {CT-, PS, NB} has been done using translation. An event with its context, that is, all the events up to the previous 2 utterances are given as context to the flan t5 language model. **[Prompt Structure for** augmentation**]** "Translate English to French: <Event with context>" Number of Augmentation for each Minority class: 1 utterance: French (Memory length = all events up to the previous 2 utterances)
cg_3to1_2previous_event_selection_aug_french_german.dat	Number of Augmentation for each Minority class: 2 utterances: French, German (Memory length = all events up to the previous 2 utterance)
cg_3to1_2previous_event_selection_aug.dat	Number of Augmentation for each Minority class: 3 utterances: French, German, Spanish (Memory length = all events up to the previous 2 utterances)
cg_3to1_previous_speaker_base_event_selection.dat	(Memory length = all previous events until we see the speaker's utterance against the current speaker)
cg_3to1_previous_speaker_base_event_selection_aug_french.dat	Number of Augmentation for each Minority class: 1 utterance: French
cg_3to1_previous_speaker_base_event_selection_aug_french_german.dat	Number of Augmentation for each Minority class: 2 utterances: French and German
cg_3to1_previous_speaker_base_event_selection_aug.dat	Number of Augmentation for each Minority class: 3 utterances: French, German and Spanish

Table3 - ***CG Corpus Data Preprocessing on Events.*** *All corpora are built on the main corpus where there are three conversations for train and one conversation for test.*

Data preprocessing	**Number of samples**	**Proposed solution**	**Examples**
Records that do not have an event but have a Bel(A) or Bel(B) tag	There are few of them	Replacing the event with the value of utterance	For example: utterance is “A: yeah” then Event = “A says yeah”
Records that do not have events and do not have Bel(A) and Bel(B) tags	There are many of them	Remove	
Records that have events but do not have Bel(A) and Bel(B) tags	There are few of them	Remove	