

2 Samples of paraphrases labeled with different errors

Example 1. The paraphrase in Fig. 1 has three errors: **Slot Addition**, **Wordy** and **Answering**.

The **Slot Addition** error is caused by the presence of an extra value for the **party_size_number** slot, in all we will have two values (**2 participants**) and (**7 people**) for the slot.

The **Answering** error is triggered by the following sentence in the paraphrase (**No previous bookings**), indeed, the sentence is actually an answer to the utterance.

Finally, the paraphrase contains unnecessary tokens that caused a **Wordy** error, where we should remove the following sentence (**Refreshment / lunch ... previous bookings**) from the paraphrase.

Utterance:	Book a place now for 2	slot addition
Required Slots:	timeRange: now - party_size_number: 2	Wordy error
Paraphrase:	Book a place now for 2 participants . Refreshment / lunch for 7 people . No previous bookings .	Answering error

Fig. 1: Paraphrase labeled with Slot Addition, Wordy and Answering errors.

Example 2. The paraphrase in Fig. 2 has two errors: **Wrong Slot** and **Slot omission**. **U.S** is not an appropriate value for the **current_location** slot, but rather it is a value for another slot the **Country** slot, hence the **Wrong Slot** error is reported. The paraphrase does not contain a value for the **timeRange** slot, hence the presence of a **Slot Omission** error.

Utterance:	Is it warm here now ?	
Required Slots:	condition_temperature: warm - current_location: here - timeRange: now	
Paraphrase:	Is it warm in the U.S ?	Wrong slot Slot omission

Fig. 2: Paraphrase labeled with Wrong Slot and Slot Omission errors.

Utterance:	Is it cold here ?	
Required Slots:	condition_temperature: cold - current_location: here	
Paraphrase:	Why is it cold outside in Sweden ?	Slot addition Semantic

Fig. 3: Paraphrase labeled with Slot Addition and Semantic errors.

Example 3. The paraphrase in Fig. 3 has two errors: **Semantic** and **Slot Addition**. There is a **Semantic** error in the paraphrase, as it asks why it is cold in Sweden (the cause), instead of asking about the weather in Sweden, if it is cold. The **Slot Addition** error arises from the presence of a **Country** with the value **Sweden**.