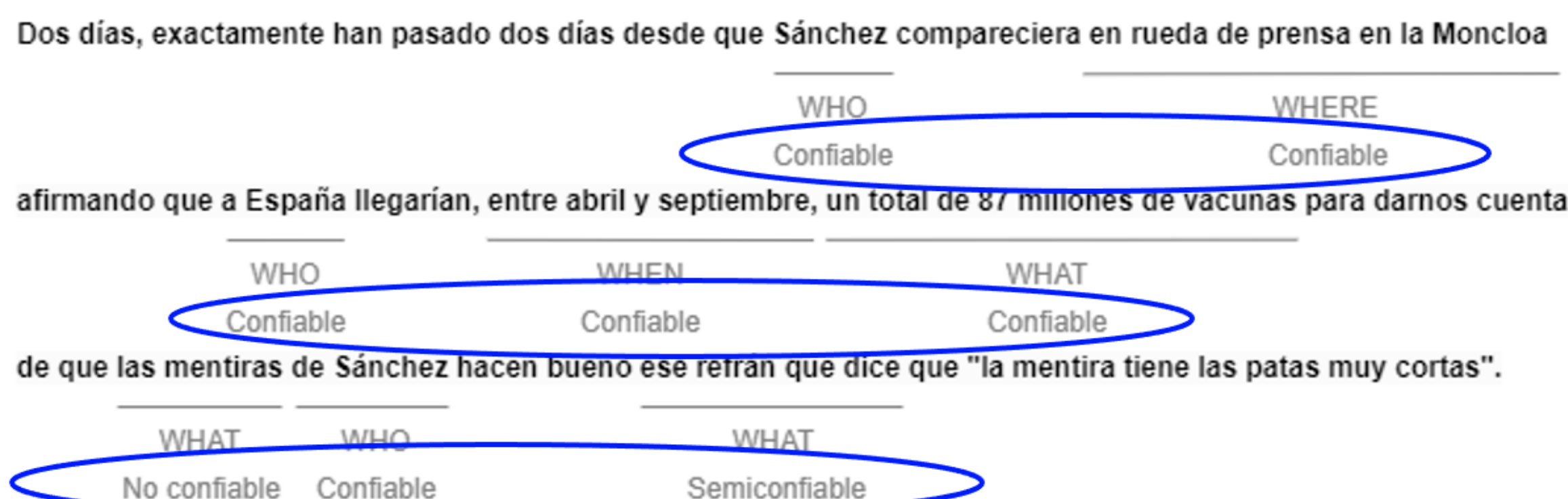


## Goal

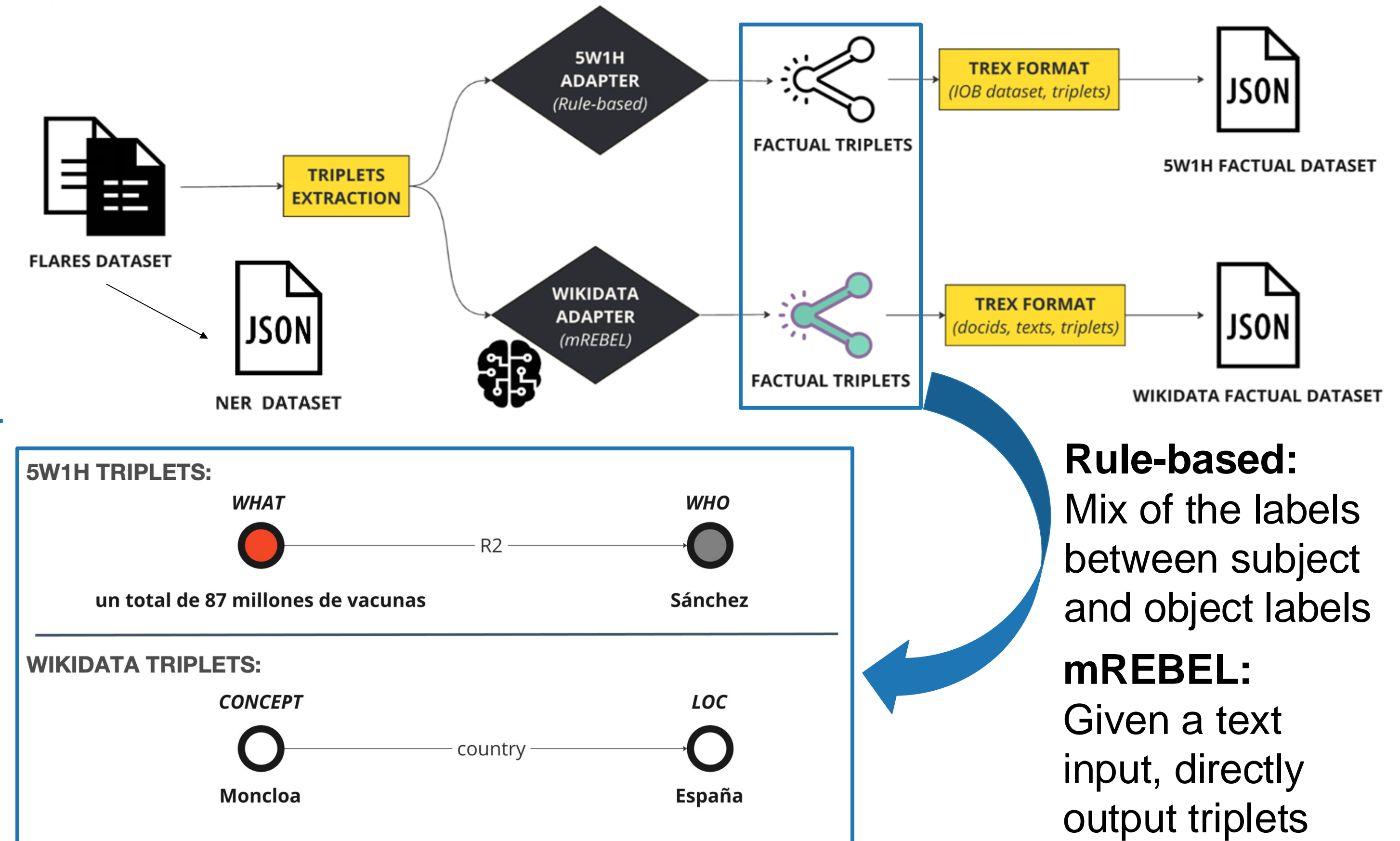
### Subtask 1: Detection of 5W1H



### Subtask 2: Reliability classification

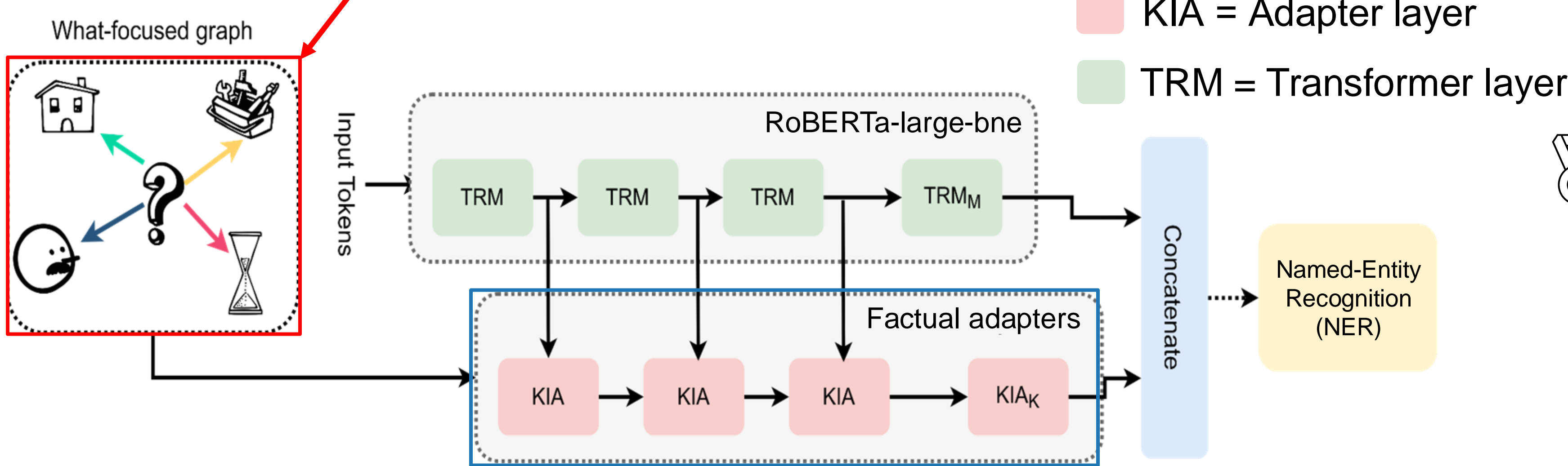
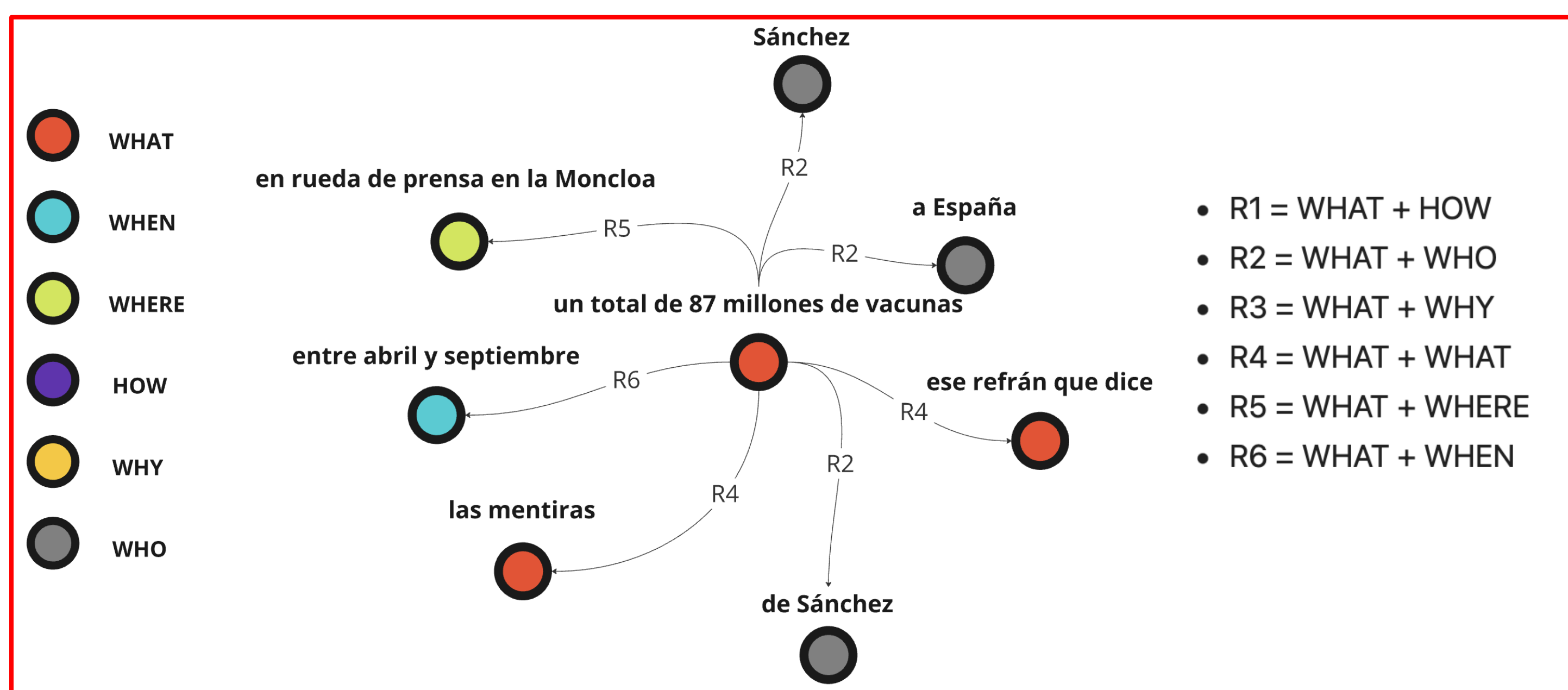


## Preprocessing



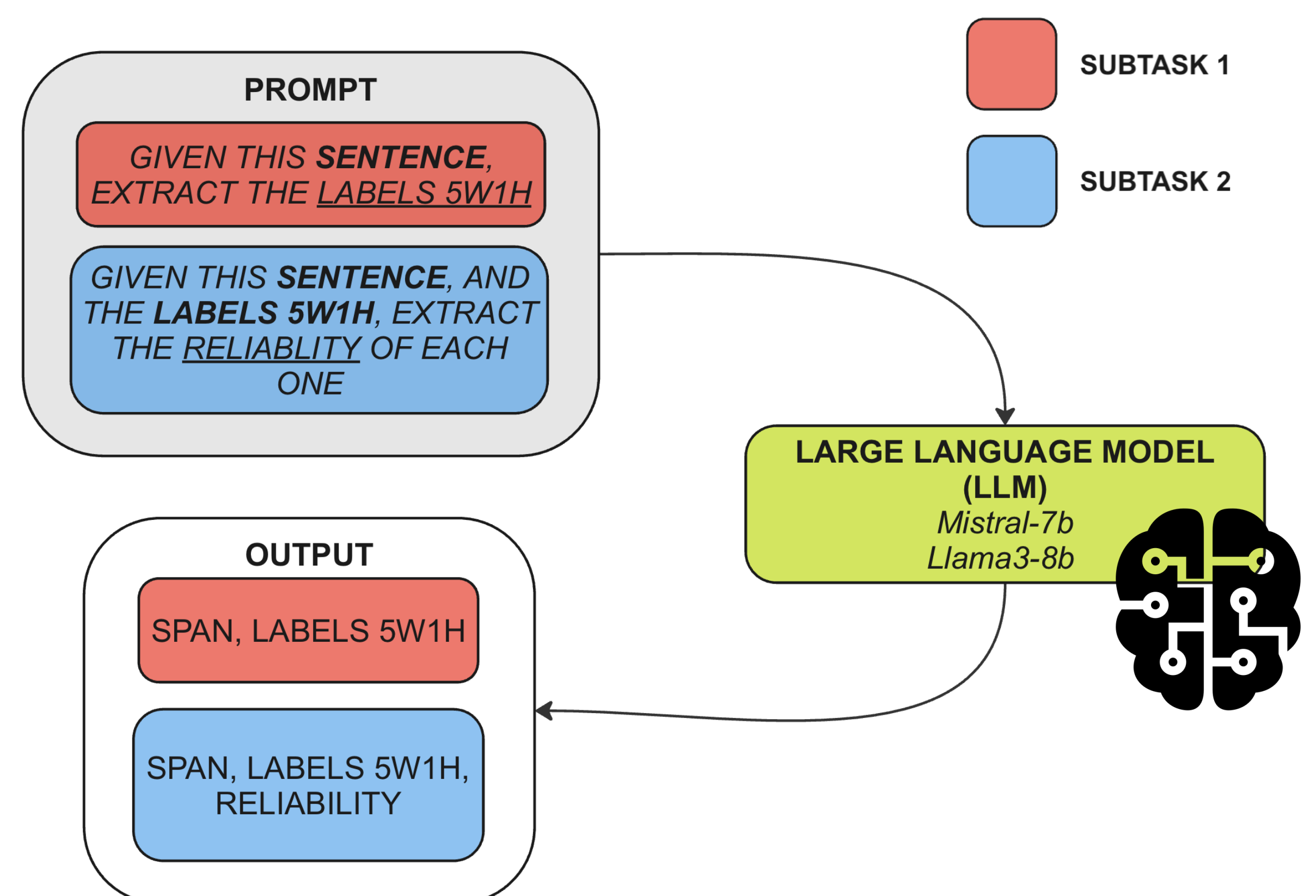
## K-FLARES

	Model	Adapter 1	Adapter 2	Task
Original K-adapter	roBERTa-base	Linguistic	Factual	- Entity Typing (Type of NER/Classification) - Question Answering - Relation extraction
K-FLARES	roBERTa-base-bne	Factual	Factual	NER



Parameter	5W1H labels adapter	+ Wikidata adapter	Complete K-Adapter
epochs	5	10	8
model	roberta-large	roberta-large	roberta-large
per_gpu_train_batch_size	64	32	8
per_gpu_eval_batch_size	64	8	8
max_seq_length	64	64	512
scheduler	WarmupLinearSchedule	WarmupLinearSchedule	WarmupLinearSchedule
optimizer	AdamW	AdamW	AdamW
learning_rate	5e-5	2e-5	5e-5
warmup_steps	1200	500	120
freeze_adapter	False	False	True
adapter_size	768	768	768
adapter_list	"0,11,22"	"0,11,22"	"0,11,22"
adapter_transformer_layers	2	2	-
fusion_mode	-	-	add

## Prompt-engineering



## Results

### Subtask 1:

Submitted (Ranking)	Adapters	30% split test set	70% split test set	Training epochs
K-adapter KG (1st)	5W1H	0.65957	0.66544	8
K-adapter KG 2A (3rd)	5W1H + Wikidata	0.39649	0.40070	8
K-adapter KG+ (3rd)	5W1H	0.39578	0.39572	12

### Subtask 2:

Submitted (Ranking)	30% split test set	70% split test set
Mistral-7B Fine-tuning (4rd)	0.30585	0.29063

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