On 27 Sep., 13:45, Wilfried Viebeg <hors Sorry - das war mir entgangen

In der Kürze deiner Mitteilungen ist es allerdings ein Kunststück, einen Tippfehler zu verstecken.

Gruß Thea

Original Email Text

	Token_ID	Label	Start	End	Token
0	T1	DATE	3	10	27 Sep.
1	T2	MALE	19	27	Wilfried
2	Т3	FAMILY	28	34	Viebeg
3	T4	FEMALE	177	181	Thea

Original Annotations

On 25 Sep., 13:45, Frédéric Clahter < hors Sorry - das war mir entgangen

In der Kürze deiner Mitteilungen ist es allerdings ein Kunststück, einen Tippfehler zu verstecken.

Gruß Kaspar

mT5 NER-PG Pseudonymized Email Text

	Token_ID	Label	Start	End	Token	Pseudonym
0	T1	DATE	3	10	27 Sep.	25 Sep.
1	T2	MALE	19	27	Wilfried	Frédéric
2	T3	FAMILY	28	34	Viebeg	Clahter
3	T4	FEMALE	177	181	Thea	Kaspar

mT5 NER-PG Annotations with Pseudonyms

Operations DATE [TP] += 1 MALE [TP] += 1 For NER, FAMILY [TP] += 1 FEMALE [TP] += 1

For every mis-match, for PG

Label [FP] = Label [FP] + 1 Label [FN] = Label [FN] + 1

instead of in NER case. Label [TP] = Label [TP] + 1

to penalize Precision, Recall and F1-score of type compliance of Pseudonym Generation component of mT5 NER-PG model

	Token_ID	Label	Start	End	Token
0	T1	DATE	3	10	25 Sep.
1	T2	MALE	19	27	Frédéric
2	T3	FAMILY	28	35	Clahter
3	T4	MALE	178	184	Kaspar

GELECTRA NER Annotations

Penalty Operations Operations DATE [TP] += 1 FEMALE [FP] += 1 MALE [TP] += 1 FEMALE [FN] += 1 For PG, FAMILY [TP] += 1 FEMALE [TP] += 1