



论文汇报

1. Zero-shot Temporal Relation Extraction with ChatGPT
2. Zero-Shot Cross-Lingual Summarization via Large Language Models

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Zero-shot Temporal Relation Extraction with ChatGPT










ChatGPT已在医疗、机器翻译、文本摘要等任务的性能有显著提升，但是在事件时序关系识别上的性能还尚未探索

- 1.总体性能：落后于有监督，需要微调
- 2.思维链（CoT）的有效性
- 3.长依赖局限





Zero-shot	Event Ranking	CoT
Input document D = The season <EVENT e3>started</EVENT> about a month earlier than usual, <EVENT e4>sparking</EVENT> concerns it might <EVENT e5>turn</EVENT> into the worst in a decade. It <EVENT e6>ended</EVENT> up being very hard on the elderly, but was moderately severe overall, <EVENT e7>according</EVENT> to the Centers for Disease Control and Prevention.		
<p>Prompt: Given the document D and a list of temporal relations [before, after, vague, equal] and event triggers that are labeled as [EVENT][/EVENT], what is the temporal relation between <EVENT e3> started</EVENT> and <EVENT e6> ended</EVENT>? Answer vague if unsure. Keep the answer short and concise</p> <p> : equal.</p> <p>Return EQUAL</p>	<p>Prompt: Given the document D and event triggers that are labeled as [EVENT][/EVENT], which event triggers happened before <EVENT e6>ended</EVENT>?</p> <p> : <Event e3>started</Event> and <Event e4>sparking</Event> happened before <Event e6>ended</Event></p> <p>Return [(e3, e6), (e4, e6)] BEFORE</p>	<p>Prompt: Given the document D, are <EVENT e3>started</EVENT> and <EVENT e6>ended</EVENT> referring to the same event? Keep the answer short and concise.</p> <p> : Yes.</p> <p>Prompt: Did <EVENT e3>started</EVENT> and <EVENT e6>ended</EVENT> simultaneously happened in that event? Keep the answer short and concise.</p> <p> : No.</p> <p>Prompt: "Is <EVENT e3>started</EVENT> before <EVENT e6>ended</EVENT> in that event?"</p> <p> : Yes.</p> <p>Return BEFORE</p>

$(e_i, ?, e_j)$

$(e_i, r_{ij}, ?)$





CH

provide five concise prompts or templates so that you can extract temporal relation between two events








1. "What was the time interval between event A and event B?"
2. "Which event occurred first, event A or event B?"
3. "When did event A occur relative to event B?"
4. "How much time passed between event A and event B?"
5. "Did event A happen before, after, or at the same time as event B?"

Figure 2: Prompts generated by ChatGPT.





Zero-shot	Event Ranking	CoT
Input document D = The season <EVENT e3>started</EVENT> about a month earlier than usual, <EVENT e4>sparking</EVENT> concerns it might <EVENT e5>turn</EVENT> into the worst in a decade. It <EVENT e6>ended</EVENT> up being very hard on the elderly, but was moderately severe overall, <EVENT e7>according</EVENT> to the Centers for Disease Control and Prevention.		
<p>Prompt: Given the document D and a list of temporal relations [before, after, vague, equal] and event triggers that are labeled as [EVENT][EVENT], what is the temporal relation between <EVENT e3> started</EVENT> and <EVENT e6> ended</EVENT>? Answer vague if unsure. Keep the answer short and concise</p> <p> : equal.</p> <p>Return EQUAL</p>	<p>Prompt: Given the document D and event triggers that are labeled as [EVENT][EVENT], which event triggers happened before <EVENT e6>ended</EVENT> ?</p> <p> : <Event e3>started</Event> and <Event e4>sparking</Event> happened before <Event e6>ended</Event></p> <p>Return [(e3, e6), (e4, e6)] BEFORE</p>	<p>Prompt: Given the document D, are <EVENT e3>started</EVENT> and <EVENT e6>ended</EVENT> referring to the same event? Keep the answer short and concise.</p> <p> : Yes.</p> <p>Prompt: Did <EVENT e3>started</EVENT> and <EVENT e6>ended</EVENT> simultaneously happened in that event? Keep the answer short and concise.</p> <p> : No.</p> <p>Prompt: "Is <EVENT e3>started</EVENT> before <EVENT e6>ended</EVENT> in that event?"</p> <p> : Yes.</p> <p>Return BEFORE</p>

$(e_i, ?, e_j)$

$(e_i, r_{ij}, ?)$





Models	MATRES			TDDMan			TB-Dense		
	prec	recall	F1	prec	recall	F1	prec	recall	F1
CAEVO (Chambers et al., 2014)	–	–	–	32.3	10.7	16.1	49.9	46.6	48.2
SP+ILP (Ning et al., 2017)	71.3	82.1	76.3	23.9	23.8	23.8	58.4	58.4	58.4
Bi-LSTM (Cheng and Miyao, 2017)	59.5	59.5	59.5	24.9	23.8	24.3	63.9	38.9	48.4
Joint (Han et al., 2019b)	–	–	75.5	41.0	41.1	41.1	–	–	64.5
Deep (Han et al., 2019a)	77.4	86.4	81.7	–	–	–	62.7	58.9	62.5
UCGraph (Liu et al., 2021)	–	–	–	44.5	42.3	43.4	62.4	56.1	59.1
TIMERS (Mathur et al., 2021)	81.1	84.6	82.3	43.7	46.7	45.5	48.1	65.2	67.8
SCS-EERE (Man et al., 2022)	78.8	88.5	83.4	–	–	51.1	–	–	–
FaithTRE (Wang et al., 2022a)	–	–	82.7	–	–	52.9	–	–	–
RSGT (Zhou et al., 2022)	82.2	85.8	84.0	–	–	–	68.7	68.7	68.7
DTRE (Wang et al., 2022b)	–	–	–	56.3	56.3	56.3	–	–	70.2
MulCo (Yao et al., 2022)	88.2	88.2	88.2	56.2	54.0	55.1	84.9	84.9	84.9
ChatGPT_ZS	26.4	24.3	25.3	17.7	13.6	15.3	23.7	14.3	17.8
ChatGPT_ER	21.9	17.3	19.3	3.7	0.3	0.5	37.6	35.8	36.6
ChatGPT_CoT	48.0	57.7	52.4	26.8	22.3	24.3	43.4	32.2	37.0

The comparison of ChatpGPT with various prompt techniques and supervised state-of-the-art models.





Relation	Zero-shot			CoT			Event ranking				Deep		
	prec	recall	F1	prec	recall	F1	prec	recall	F1		prec	recall	F1
overall	26.4	24.3	25.3	48.0	57.7	52.4	21.9	17.3	19.3		77.4	86.4	81.7
EQUAL	0.0	0.0	0.0	7.1	2.9	4.1	5.8	11.1	7.6		0.0	0.0	0.0
VAGUE	14.3	58.7	23.1	14.4	8.1	10.4	14.6	86.2	25.0		0.0	0.0	0.0
AFTER	34.0	25.6	29.2	41.6	41.8	41.7	36.4	1.6	3.0		72.3	84.8	78.0
BEFORE	52.5	17.8	26.6	63.1	71.6	67.1	57.0	13.0	21.1		80.1	89.6	84.6

The zero-shot performance of ChatGPT with three different prompts on the MATRES dataset.

Relation	Zero-shot			CoT			Event ranking		
	prec	recall	F1	prec	recall	F1	prec	recall	F1
overall	17.7	13.6	15.3	26.8	22.3	24.3	3.7	0.3	0.5
is included	9.5	0.7	1.3	20.9	3.1	5.4	0.0	0.0	0.0
include	41.9	17.7	24.8	37.9	11.2	17.3	0.0	0.0	0.0
after	14.7	9.0	11.2	33.3	4.3	7.5	0.0	0.0	0.0
before	29.7	22.9	25.9	35.1	70.8	46.9	12.5	0.7	1.4
simultaneous	3.9	39.1	7.0	0.0	0.0	0.0	11.1	2.2	3.6

TDD-Man dataset.

Relation	Zero-shot			CoT			Event ranking		
	prec	recall	F1	prec	recall	F1	prec	recall	F1
overall	23.7	14.3	17.8	43.4	32.2	37.0	37.6	35.8	36.6
is included	0.0	0.0	0.0	10.0	1.9	3.2	6.2	3.8	4.7
include	3.3	10.7	24.8	5.5	16.1	8.2	16.7	5.4	8.1
after	29.0	17.2	11.2	70.4	13.9	23.2	19.0	1.5	2.7
before	40.0	9.9	25.9	35.0	75.5	47.9	31.2	25.3	27.9
simultaneous	1.5	45.5	3.0	33.3	4.5	8.0	6.7	50.0	11.8
vague	44.6	24.0	31.2	51.2	29.6	37.5	46.0	63.5	53.4

TimeBank-Dense dataset.





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Zero-Shot Cross-Lingual Summarization via Large Language Models





1. 设计了各种提示来指导LLM以端到端方式执行CLS
2. ChatGPT和GPT-4与一些LLM取得了具有竞争力的结果
3. 目前的开源LLM对Zero-shot CLS性能的提高有限，CLS可以作为未来LLM研究的测试平台。





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Dir模板

Please summarize the
following text in
Chinese: [English Doc]

where [English Doc] indicates a given English document.





養天地正氣 法古今完人

TS, ST模板

Please first translate
the following text
to Chinese and then
summarize the translated
text in Chinese:
[English Doc]

Please first summarize
the following text
and then translate the
summary to Chinese:
[English Doc]

Please make the Chinese
summary shorter.





Please summarize the following text in Chinese: Annie: Are you going to be at school? Christine: Not tomorrow. I am not well. Annie: Oh noes! What happened? Christine: Got the flu, I think. Annie: what's your temperature? Christine: Not high, I'm not running a fever or anything. Annie: Are you eating ok? Christine: Yeah. Just blocked nose, sore throat. Tired. Annie: Sounds like you've got a cold. You need anything? Christine: I could do with some Theraflu. Annie: OK, I think we've still got some sachets, should be in date. I'll drop them through your letterbox later on. Christine: Yeah. Don't call in because I'll feel bad if you catch this cold off me. Annie: I think I probably had it already, but you might be sleeping. Christine: If the light in my room is on, call if you want.



安妮问克里斯汀是否明天会去学校，克里斯汀回答因为感到不舒服，不会去。安妮询问原因，得知克里斯汀可能得了流感，但体温不高，只是有些堵塞和喉咙痛，很累。安妮建议克里斯汀可能只是感冒了，问她是否需要任何帮助，克里斯汀说可以用些治疗流感的药物，安妮答应送过去。克里斯汀告诉安妮不要来拜访，因为她不想传染感冒，但若光亮还开着，可以来敲门。

Please make the Chinese summary shorter.



安妮问克里斯汀是否明天会去学校，克里斯汀因感冒不舒服，要安妮帮忙送药，但不要拜访。

(a) Dir+Inta

Please first translate the following text to Chinese and then summarize the translated text in Chinese: Annie: Are you going to be at school? Christine: Not tomorrow. I am not well. Annie: Oh noes! What happened? Christine: Got the flu, I think. Annie: what's your temperature? Christine: Not high, I'm not running a fever or anything. Annie: Are you eating ok? Christine: Yeah. Just blocked nose, sore throat. Tired. Annie: Sounds like you've got a cold. You need anything? Christine: I could do with some Theraflu. Annie: OK, I think we've still got some sachets, should be in date. I'll drop them through your letterbox later on. Christine: Yeah. Don't call in because I'll feel bad if you catch this cold off me. Annie: I think I probably had it already, but you might be sleeping. Christine: If the light in my room is on, call if you want.



安妮：你明天会去学校吗？克里斯汀：不会，我不太舒服。安妮：哦，不好！出了什么事？[...]安妮：我觉得我可能已经得过了，但是你可能在睡觉。克里斯汀：如果我房间的灯还开着，你可以打电话来。

这段对话描述了安妮和克里斯汀的健康状况。克里斯汀感觉不太舒服，得了流感。安妮询问了克里斯汀的体温和饮食情况，确认克里斯汀需要一些热饮料。由于担心传染给安妮，克里斯汀不希望安妮打电话或上门拜访，但安妮表示可能已经得过这种感冒了。

Please make the Chinese summary shorter.



对话描述了安妮和克里斯汀的健康状况，确认克里斯汀得了流感，需要热饮料。由于担心传染，克里斯汀不希望安妮打电话或上门拜访。

(b) TS+Inta

Please first summarize the following text and then translate the summary to Chinese: Annie: Are you going to be at school? Christine: Not tomorrow. I am not well. Annie: Oh noes! What happened? Christine: Got the flu, I think. Annie: what's your temperature? Christine: Not high, I'm not running a fever or anything. Annie: Are you eating ok? Christine: Yeah. Just blocked nose, sore throat. Tired. Annie: Sounds like you've got a cold. You need anything? Christine: I could do with some Theraflu. Annie: OK, I think we've still got some sachets, should be in date. I'll drop them through your letterbox later on. Christine: Yeah. Don't call in because I'll feel bad if you catch this cold off me. Annie: I think I probably had it already, but you might be sleeping. Christine: If the light in my room is on, call if you want.



Annie and Christine are having a conversation about Christine's health. [...] Annie suggests that she might have already had the cold.

安妮和Christine在讨论Christine的健康问题。Christine因为感觉不舒服，明天不会去上学。安妮问了Christine的症状，并提供Theraflu。Christine接受了这个提议，但要求Anne不要过来拜访，因为她不想传染感冒。Anne表示可能已经感染过这个感冒。

Please make the Chinese summary shorter.



Annie问Christine是否会去学校，Christine因病请假。Annie问Christine的症状，提供药物，但不会拜访因为担心传染感冒。

(c) ST+Inta

Figure 2: An illustration of all prompts used to guide LLMs to perform zero CLS (take ChatGPT as an example).



Model	CrossSum (En⇒Zh)				WikiLingua (En⇒Zh)				WikiLingua (En⇒De)				XSAMSum (En⇒Zh)				XSAMSum (En⇒De)			
	R-1	R-2	R-L	B-S	R-1	R-2	R-L	B-S	R-1	R-2	R-L	B-S	R-1	R-2	R-L	B-S	R-1	R-2	R-L	B-S
mBART-50	26.1	7.4	22.1	65.4	32.1	10.4	26.8	68.5	26.8	7.7	20.5	62.5	40.6	14.4	33.9	74.5	42.4	18.9	35.4	73.7
ChatYuan-7.7B (Dir)	0.3	0.0	0.3	51.7	4.1	1.2	2.6	54.4	-	-	-	-	0.8	0.3	0.7	48.5	-	-	-	-
ChatYuan-7.7B (Dir+Inta)	0.2	0.0	0.2	52.0	4.7	1.6	3.4	51.6	-	-	-	-	0.3	0.1	0.3	47.0	-	-	-	-
ChatYuan-7.7B (TS)	0.4	0.0	0.4	46.6	8.2	2.7	5.4	56.0	-	-	-	-	11.3	4.2	8.7	49.5	-	-	-	-
ChatYuan-7.7B (TS+Inta)	2.0	0.5	1.4	46.9	6.9	2.1	4.3	53.4	-	-	-	-	9.5	3.2	6.9	52.3	-	-	-	-
ChatYuan-7.7B (ST)	0.5	0.0	0.4	49.6	6.9	2.1	4.2	56.1	-	-	-	-	7.5	2.5	5.5	49.6	-	-	-	-
ChatYuan-7.7B (ST+Inta)	1.2	0.4	0.9	49.7	7.3	2.3	4.6	55.5	-	-	-	-	6.0	2.0	3.9	48.5	-	-	-	-
ChatGLM-6B (Dir)	5.7	2.3	2.4	53.9	14.5	5.3	9.9	59.5	-	-	-	-	20.4	9.1	15.3	58.8	-	-	-	-
ChatGLM-6B (Dir+Inta)	7.9	2.4	5.3	55.6	14.6	5.1	9.5	59.1	-	-	-	-	18.0	8.0	14.0	59.5	-	-	-	-
ChatGLM-6B (TS)	8.4	2.9	4.8	54.1	14.6	5.3	9.8	59.7	-	-	-	-	21.5	9.6	16.6	57.9	-	-	-	-
ChatGLM-6B (TS+Inta)	9.6	3.0	6.1	55.2	14.9	5.1	9.4	59.1	-	-	-	-	18.7	8.1	15.0	58.6	-	-	-	-
ChatGLM-6B (ST)	5.8	1.8	3.6	53.2	15.6	5.5	10.2	59.9	-	-	-	-	19.8	8.3	14.7	58.1	-	-	-	-
ChatGLM-6B (ST+Inta)	2.2	0.6	1.7	53.8	9.8	3.3	6.1	57.0	-	-	-	-	12.7	5.1	9.9	56.8	-	-	-	-
Vicuna-13B (Dir)	-	-	-	-	-	-	-	-	-	-	-	-	19.5	7.2	14.5	60.1	22.5	4.9	17.6	58.5
Vicuna-13B (Dir+Inta)	-	-	-	-	-	-	-	-	-	-	-	-	24.1	9.7	18.9	63.0	28.7	7.8	22.0	60.5
Vicuna-13B (TS)	-	-	-	-	-	-	-	-	-	-	-	-	18.3	7.1	14.6	61.6	25.0	5.9	18.2	59.4
Vicuna-13B (TS+Inta)	-	-	-	-	-	-	-	-	-	-	-	-	22.0	7.9	17.4	64.3	31.7	8.9	24.2	61.2
Vicuna-13B (ST)	-	-	-	-	-	-	-	-	-	-	-	-	17.5	6.1	13.6	59.6	27.3	6.8	20.4	59.3
Vicuna-13B (ST+Inta)	-	-	-	-	-	-	-	-	-	-	-	-	19.8	7.4	15.4	62.2	31.6	9.4	24.1	61.9
BLOOMZ-176B (Dir)	0.7	0.1	0.7	29.2	0.3	0.0	0.2	8.9	0.0	0.0	0.0	3.3	21.4	11.2	17.8	65.3	13.0	1.2	11.9	56.2
BLOOMZ-176B (TS)	2.1	1.3	1.6	21.5	0.4	0.0	0.3	5.6	0.0	0.0	0.0	5.0	30.4	15.0	25.2	64.8	12.5	0.7	11.4	54.4
BLOOMZ-176B (ST)	3.0	1.2	2.4	33.8	0.3	0.0	0.2	9.0	0.0	0.0	0.0	3.3	28.1	13.4	23.4	66.3	13.8	1.3	12.8	54.8
Davinci-003 (Dir)	18.7	3.6	14.7	60.2	23.6	3.8	17.8	60.9	18.8	2.6	12.2	60.7	24.4	8.0	20.7	63.4	35.5	12.4	27.3	62.4
Davinci-003 (TS)	22.9	8.9	13.5	59.6	23.7	8.2	15.1	61.0	16.9	2.0	10.9	59.2	33.3	17.1	26.6	64.7	34.7	11.5	26.1	62.0
Davinci-003 (ST)	26.2	9.3	16.9	61.3	24.2	8.4	15.9	61.2	19.8	2.8	13.1	60.4	34.1	18.2	26.4	68.1	35.7	11.7	26.9	63.0
ChatGPT (Dir)	14.2	3.3	10.3	60.3	20.9	5.6	15.5	62.7	16.9	2.1	10.7	60.1	21.3	5.5	17.1	63.5	32.0	10.3	24.5	61.4
ChatGPT (Dir+Inta)	22.1	3.8	15.6	61.8	28.4	6.5	22.1	64.5	22.4	2.8	14.7	61.3	27.2	6.9	22.9	67.5	39.6	16.0	31.4	64.3
ChatGPT (TS)	15.8	3.3	11.9	60.9	24.8	5.4	19.1	62.9	19.4	2.4	12.6	60.0	26.0	7.3	21.2	66.4	33.2	9.6	25.3	61.1
ChatGPT (TS+Inta)	22.6	4.1	16.9	62.7	26.1	5.3	19.7	63.7	21.6	2.4	15.1	60.8	27.4	6.7	22.4	67.1	39.4	13.5	29.4	63.3
ChatGPT (ST)	16.5	3.8	12.0	60.8	27.2	7.3	20.3	64.3	21.3	3.5	14.4	60.9	26.8	7.7	21.3	66.7	31.7	8.8	23.5	60.8
ChatGPT (ST+Inta)	21.6	3.5	15.5	61.7	30.1	8.1	22.4	64.9	21.4	3.1	15.4	60.6	31.4	11.5	28.1	70.1	35.9	13.2	29.0	62.8
GPT-4 (Dir)	13.7	3.7	10.1	59.7	23.1	9.1	15.5	63.5	20.4	3.3	13.8	62.2	24.5	7.1	19.5	66.1	34.7	13.4	25.3	61.7
GPT-4 (Dir+Inta)	20.3	4.4	14.1	61.9	30.4	11.7	20.9	65.7	24.8	3.9	17.0	63.5	31.3	7.3	26.5	70.7	40.5	13.4	30.8	64.2
GPT-4 (TS)	19.4	3.6	14.3	60.9	28.5	11.4	18.2	64.2	23.1	3.8	16.3	62.7	34.7	12.5	28.5	71.0	38.9	11.9	29.0	63.3
GPT-4 (TS+Inta)	22.7	4.3	16.1	62.2	29.2	12.6	20.3	64.9	23.6	3.9	17.3	62.9	30.8	6.5	25.6	70.9	39.1	13.5	32.6	64.1
GPT-4 (ST)	19.0	4.3	14.1	61.7	30.2	12.2	19.5	64.2	23.4	3.8	16.4	63.0	32.1	10.7	26.4	70.7	38.6	12.3	29.5	63.2
GPT-4 (ST+Inta)	22.6	4.9	16.8	63.1	30.5	11.9	21.3	65.2	23.1	4.2	17.4	62.7	29.2	8.2	25.4	71.4	39.0	11.5	31.2	63.7

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English Dialogue	Generated Summaries
<p>Boris: Due to the number of PTO requests this week, we had to decide who will be allowed to take off based on seniority.</p> <p>Sarah: I understand.</p> <p>Boris: Unfortunately, you are too low on the totem pole and we will have to deny your request.</p> <p>Sarah: Oh, that's too bad! Is there any compromise? I really wanted to have some time with my family.</p> <p>Boris: I can give you first choice of dates the week after, but that's the best I can do.</p> <p>Sarah: What if someone cancels?</p> <p>Boris: That is a rare, but yes, I will come to you first.</p> <p>Sarah: Thank you.</p> <p>Boris: Again, I'm very sorry.</p> <p>Sarah: Could you amend my request for the following week, Monday through Wednesday?</p> <p>Boris: Certainly. That should be no problem.</p> <p>Sarah: That's great, at least I'll have a long weekend!</p> <p>Boris: Very true. No problems from my side.</p> <p>Sarah: Do I need to initial the change?</p> <p>Boris: Yes, please come see my assistant at your earliest convenience.</p> <p>Sarah: Certainly, no problem.</p> <p>Boris: Thank you for being so flexible.</p> <p>Sarah: Sure, I understand we can't all be off. You are just trying to be fair.</p> <p>Boris: That's it exactly. Sarah: Thank you again for explaining it so well.</p> <p>Boris: My pleasure. Have a nice holiday and enjoy your time off. Sarah: Thank you!</p>	<p>ChatGPT (Dir): Boris通知Sarah由于请假请求众多,公司不得不按资历高低来决定谁可以休假。由于Sarah资历不够高,公司不得不拒绝她的请求。Sarah想知道是否有妥协的余地,Boris答应给她下周第一批可以选择的日期,但这是他所能做的最好安排。Sarah问如果有人取消假期怎么办,Boris说这是很少见的,但如果确实发生,他会优先通知Sarah。最后,Sarah改变了请假日期,Boris同意了,并建议她尽快与他的助手联系确认。他们互相道别,Sarah感谢Boris的解释,Boris祝她假期愉快。</p> <p>ChatGPT (Dir+Inta): Sarah想请假,但因资历不够高被拒绝。Boris答应给她下周第一批可以选择的日期,如果有人取消假期,会优先通知她。最后,Sarah改变了请假日期,Boris同意了。</p> <p>ChatGPT (TS): 对于申请休假的员工,由于请假申请数量较多,公司根据资历来决定谁可以休假,导致低资历的员工被拒绝休假请求。员工虽然表示遗憾,但同意公司的决定并愿意接受推迟的休假时间,直到后来有机会更改休假时间并获得了首选日期。公司对员工的灵活性表示感谢,并向员工祝福愉快的假期。</p> <p>ChatGPT (TS+Inta): 公司根据资历决定员工休假,低资历员工被拒绝休假请求。员工同意公司决定并愿意推迟休假时间,后来获得了首选日期。公司感谢员工的灵活性,祝愿员工假期愉快。</p> <p>ChatGPT (ST): 鲍里斯告诉萨拉,由于请假申请太多,他必须根据资历批准休假,但很遗憾,萨拉的请求不能被批准。然而,鲍里斯提供萨拉选择下周的日期,如果有人取消,萨拉问能否修改为下周的请求,鲍里斯同意了。他们以积极的态度结束了谈话,鲍里斯祝萨拉度过愉快的假期,萨拉感谢他的理解。</p> <p>ChatGPT (ST+Inta): 因请假申请太多,鲍里斯按资历批准休假,未能批准萨拉的请求。但鲍里斯提供了选择下周日期的机会,萨拉同意改为下周休假,他们友好结束谈话。</p> <p>GPT-4 (Dir): Boris通知Sarah由于请假请求众多,公司不得不按资历高低来决定谁可以休假。由于Sarah资历不够高,公司不得不拒绝她的请求。Sarah想知道是否有妥协的余地,Boris答应给她下周第一批可以选择的日期,但这是他所能做的最好安排。Sarah问如果有人取消假期怎么办,Boris说这是很少见的,但如果确实发生,他会优先通知Sarah。最后,Sarah改变了请假日期,Boris同意了,并建议她尽快与他的助手联系确认。他们互相道别,Sarah感谢Boris的解释,Boris祝她假期愉快。</p> <p>GPT-4 (Dir+Inta): Sarah想请假,但因资历不够高被拒绝。Boris答应给她下周第一批可以选择的日期,如果有人取消假期,会优先通知她。最后,Sarah改变了请假日期,Boris同意了。</p> <p>GPT-4 (TS): 由于本周请假申请众多,鲍里斯根据员工资历决定谁能休假,萨拉的申请被拒。经过沟通,鲍里斯同意在下周给萨拉优先选择日期,若有人取消,也会优先考虑萨拉。最后,鲍里斯帮助萨拉将申请更改为下周一至周三。萨拉表示理解公平性并感谢鲍里斯的帮助。</p> <p>GPT-4 (TS+Inta): 鲍里斯因员工请假申请多而根据资历拒绝了萨拉的请求。经沟通,鲍里斯同意下周给萨拉优先选择日期,若有人取消,也会优先考虑。萨拉表示理解公平性并感谢鲍里斯。</p> <p>GPT-4 (ST): 由于本周休假申请数量众多,鲍里斯不得不根据资历来决定谁可以休假,因此拒绝了萨拉的申请。他们讨论了潜在的妥协方案,最终同意萨拉在下周一至周三休假。如果有人取消休假,鲍里斯将首先向萨拉提供名额。萨拉需要在鲍里斯的助手那里签署更改。</p> <p>GPT-4 (ST+Inta): 鲍里斯因资历问题拒绝了萨拉的休假申请。他们商量后同意萨拉下周一至三休假。若有人取消,鲍里斯会优先通知萨拉。萨拉需在助手处确认更改。</p>