

OmniDocBench: Benchmarking Diverse PDF Document Parsing with Comprehensive Annotations

Supplementary Material

I. More End-to-End Evaluation Results

Table S1 presents the evaluation results of End2End Tables grouped by Table Attributes. As it shows, most of the models perform better in English Tables rather than Chinese ones. Most models perform relatively poorly with Full Frame and No Frame tables. The accuracy of most models is affected by special conditions. Merged cells and formulas mainly test the breadth of data the model can recognize, while colored backgrounds and table rotation test their robustness. The results show that table rotation significantly impacts the accuracy of all models. Pipeline Tools' performance would not be affected by more challenging tables (e.g., merge cell), but colored backgrounds can affect recognition accuracy. Several Vision Language Models (VLMs) tend to perform worse on tables with merged cells, but colored backgrounds do not significantly impact table recognition accuracy.

Table S2 shows the evaluation results of End2End Text blocks grouped by Text Attributes. Almost all models have lower recognition accuracy in Chinese compared to English. Some models, such as MinerU and Marker, experience a further decrease in accuracy when recognizing mixed Chinese and English content. The main reason is that minerU's text recognition module is PaddleOCR model. According to the performance of the PaddleOCR model in text recognition module, its accuracy will decline in the case of mixed language. Moreover, complex background colors significantly affect the recognition accuracy of pipeline tools, but it has only little impact on accuracy for VLMs.

II. Dataset Statistics and Visualization

OmniDocBench contains 981 pages, including 9 types of PDF pages, 4 types of layouts, 3 types of languages, and 3 special issues in visual degradations (e.g., watermarks). Table S3 and Figure S1 show the number of pages with each page attribute. Figures S5 to S8 are examples of PDF pages with different PDF types, Layout Types, and Special Issues.

Table S6 and Figure S2 show all annotation categories included in OmniDocBench. All of them are annotated by bounding boxes. There are 15 types of block-level annotations and 4 types of span-level annotations, with span-level annotations nested within the block-level ones. In addition, there are 3 types of annotations marked as page interference information (No.20-22), whose bounding boxes are used to mask the specific regions of the PDF pages to avoid affecting the evaluation results. The recognition annotations are

also provided for each annotation category except for Figures. Formulas is written in LaTeX format and Table is annotated in both HTML and LaTeX formats. Others are annotated in plain text.

Furthermore, the Text Attributes are also annotated for each block-level category that contains text. There are 3 types of Text Attributes that might influent OCR accuracy: Language, Text Background Color, and Text Rotation. Table S5 shows the statistics of annotations with specific text attributes. There are 23,010 block-level annotations are labeled with text attributes.

Tables are also annotated with Table Attributes. There are 6 types of Table Attributes that might influent the Table Recognition accuracy: Language, Table Frame Type, Merge Cell, Colorful Background, Contain Formula, and Rotation. Table S5 shows the numbers of annotations with specific table attributes. Figures S9 and S10 are the examples of Tables with different Frames and Special Issues.

III. Discussion on Model Predictions

Conclusion Combining scattered results from tasks and sub-attributes, it can be concluded that pipeline tools and expert models have better performance on common data like academic papers and challenging cases such as tables with merged cells compared to VLMs. However, VLMs demonstrate stronger generalization on uncommon PDF types like slides and exam papers, and they show greater robustness in special page situations, such as fuzzy scans. The low accuracy of VLMs is mainly due to: 1) Missing Content in dense pages(Figure S11); 2) Hallucinations in hard-to-recognize pages(Figure S30). The low accuracy of Pipeline tools mainly due to: 1) Lower robustness in special page situations, e.g., watermark(Figure S21); 2) Weak generalization on uncommon PDF types, e.g., handwriting notes(Figure S16).

Figures S11 to S19 show the examples of Good model outputs and Bad model outputs of Document Parsing **among different PDF types**. As it shown, different models exhibit varying performance across different PDF types. For example, MinerU detects all handwritten notes as figures, resulting in very low recognition accuracy in Notes. Marker and InternVL2 experience missed detections, leading to lower scores. InternVL2 and Qwen2-VL, in specific PDF types (such as slides or financial reports), tend to merge multi-column text.

Figures S20 to S22 show the examples of Good model outputs and Bad model outputs **under special issues** of the

Model Type	Model	Language			Table Frame Type				Special Situation			
		EN	ZH	Mixed	Full	Omission	Three	Zero	Merge Cell(+/-)	Formula(+/-)	Colorful(+/-)	Rotate(+/-)
Pipeline Tools	MinerU	75.1	59.3	79.1	59.4	71.6	69.7	60.0	63.6/65.3	66.0/64.4	59.2/67.5	3.0/65.8
	Marker	64.9	47.3	49.8	44.5	61.8	59.0	63.6	52.6/52.7	53.2/52.5	48.0/54.9	35.5/52.9
	Mathpix	75.4	63.2	71.3	67.4	77.3	66.3	25.5	70.3/65.4	68.7/66.7	59.7/70.8	19.2/67.9
Expert Vision Models	GOT-OCR	51.7	46.2	49.0	45.5	48.3	51.3	46.2	46.0/48.9	45.7/48.4	39.8/51.9	0.0/48.7
Vision Language Models	Nougat	36.2	0.3	0.0	6.1	3.5	22.1	0.0	15.0/8.9	21/8.7	2.6/15.2	0.0/11.2
	GPT4o	71.1	58.0	57.3	62.5	68.7	61.3	31.2	56.8/64.7	60.8/62.2	61.4/62.2	14.2/62.7
	Qwen2-VL-72B	73.2	75.1	76.1	72.0	79.0	77.5	63.2	67.9/78.1	71.6/75.3	77.9/72.9	42.7/75.1
	InternVL2-76B	60.9	58.5	65.4	58.8	65.3	58.3	55.6	49.0/65.1	53.3/60.9	58.8/59.8	6.9/60.3

Table S1. End-to-End Table TEDS Result grouped by Table Attributes

Model Type	Model	Language			Text background		
		EN	ZH	Mixed	White	Single	Multi
Pipeline Tools	MinerU	0.124	0.234	0.742	0.188	0.15	0.514
	Marker	0.163	0.379	0.747	0.303	0.396	0.594
	Mathpix	0.175	0.793	0.538	0.698	0.587	0.583
Expert Vision Models	GOT-OCR	0.251	0.763	0.266	0.669	0.595	0.440
Vision Language Models	Nougat	0.587	0.991	0.983	0.874	0.935	0.972
	GPT4o	0.170	0.647	0.322	0.536	0.423	0.406
	Qwen2-VL-72B	0.128	0.582	0.209	0.494	0.388	0.217
	InternVL2-76B	0.418	0.606	0.251	0.589	0.366	0.221

Table S2. End-to-End Text Normalized Edit Distance results grouped by Text Attributes. “Mixed” represents a mixture of Chinese and English, “Single” and “Multi” represent single color and multi color.

Attribute Category	Category Name	Count
Language	English	5857
	Simplified Chinese	16073
	EN&CH Mixed	1080
Text Background	White	19465
	Single-Colored	1116
	Multi-Colored	2429
Text Rotate	Normal	22865
	Rotate90	14
	Rotate270	58
	Horizontal	421

Table S4. Text Attributes Statistics of OmniDocBench.

Category	Attribute Name	Count
PDF Type	Book	104
	PPT2PDF	133
	Research Report	81
	Colorful Textbook	96
	Exam Paper	114
	Magazine	97
	Academic Literature	129
	Notes	116
Layout Type	Newspaper	111
	Single Column	477
	Double Column	126
	Three Column	45
	One&More Mixed	120
Language	Complex Layout	213
	English	290
	Simplified Chinese	612
Special Issues	Mixed	79
	Fuzzy Scan	28
	Watermark	65
	Colorful Background	246

Table S3. The Page Attributes Statistics of OmniDocBench.

Attribute Category	Category Name	Count
Language	English	128
	Simplified Chinese	285
	EN&CH Mixed	15
Table Frame Type	Full Frame	205
	Omission Line	62
	Three Line	147
	No Frame	14
Special Issues	Merge Cell	150
	Colorful Background	142
	Contain Formula	81
	Rotate	7

Table S5. Table Attributes Statistics of OmniDocBench.

PDF pages. It shows that Marker tends to generate typos when the PDF pages are fuzzy scanned or with watermarks, while GOT-OCR fails to recognize content on pages with colored backgrounds. MinerU performs well under special situations, while Mathpix occasionally generates typos.

Figures S23 to S26 show examples of Good model outputs and Bad model outputs for PDF pages **with different layouts**. MinerU has a low reading order score for single-column layouts primarily because most notes are single-column, and MinerU performs poorly in recognizing Notes, leading to a low reading order score accordingly. InternVL2 scores high in Single-Column layouts but scores poorly on Double-Column and Three-Column layouts. It is mainly due to frequent missed content recognition and errors in reading order judgment in multi-column layouts pages. MinerU’s reading order and recognition accuracy decrease with complex layouts, primarily because it incorrectly merges multiple columns during recognition.

No.	Category Name	Explanation	Total
1	Title	Include main titles, chapter titles, etc.	2972
2	Text Block	Text paragraphs, which are usually separated by double line breaks in Markdown.	15979
3	Figure	Including images, visual charts, etc.	989
4	Figure Caption	Typically starts with 'Figure' followed by a number, or just descriptive language below the figure.	651
5	Figure Footnotes	Descriptive language, apart from the figure caption, usually starts with an asterisk (*).	133
6	Table	Content organized in table form usually includes borders or a clear table structure.	428
7	Table Caption	Typically starts with 'Table' followed by a number, or just descriptive language above the Table.	299
8	Table Footnotes	Descriptive language, apart from the table caption, usually starts with an asterisk (*).	132
9	Header	Information located at the top of a PDF page or in the sidebar, separate from the main content, typically includes chapter names and other details.	1271
10	Footer	Information located at the bottom of a PDF page, separate from the main content, typically includes the publisher's name and other details.	541
11	Page Number	It is usually represented by numbers, which may be located at the top, in the sidebar, or at the bottom of the page.	669
12	Page Footnote	It provides further explanation of the footnotes marked within the page content. For example, information about the authors' affiliations.	92
13	Code Block	In Markdown, a code block is typically defined using triple backticks (```).	13
14	Code Block Caption	Descriptive language above the Code Block.	/
15	Reference	Typically found only in academic literature.	260
16	Text Span	Span-Level text box, which is the plain text content can be directly written in Markdown format.	73143
17	Equation Inline	Formulas that need to be represented using LaTeX format and embedded within the text.	4009
18	Equation Ignore	Some formulas that can be displayed correctly without using LaTeX formatting, such as $15\ kg$.	3685
19	Footnote Mark	Typically embedded within the text as superscripts or subscripts, and their numbering usually corresponds to page footnotes.	357
20	Other Abandoned Categories	(Masked) Some uncategorizable, irrelevant page information, such as small icons, etc.	538
21	Masked Text Block	(Masked) Some difficult-to-recognize information that disrupts text flow, such as pinyin annotations above Chinese characters.	34
22	Organic Chemical Formula	(Masked) Organic chemistry formulas, which are difficult to write using Markdown and are easily recognized as Figures.	24

Table S6. Annotation Explanations and Statistics.

Figures S29 and S30 show the model’s recognition ability **under special issues of text**. In text recognition with complex background colors, Marker may produce errors or miss content, whereas Qwen2-VL still performs well. Most models fail to recognize text when it is rotated 270 degrees. Some vision language models generate hallucinated information based on the content they can recognize.

Figures S31 to S34 show the examples of good and bad model results for **tables with different attributes**. For three-line tables, RapidTable demonstrates a good performance with accurate structure recognition, while PaddleOCR shows limitations by missing the last column in its outputs. Interestingly, in tables without frames, PaddleOCR performs well with accurate table predictions, while Qwen2-VL-7B exhibits errors in the last two columns. This indicates that the presence or absence of table frames can significantly impact different models’ performance in different ways. Rotated tables prove to be particularly challenging, with most models, including GOT-OCR, failing to recognize the table structure. However, StructEqTable shows promising results by correctly identifying most of the table content, though with a few detail errors. For tables containing formula, Qwen2-VL-7B shows more accurate table structure recognition compared to InternVL2-8B.

IV. Model Settings

For pipeline tools such as MinerU, Marker, and Mathpix, default settings are used for evaluation. Specifically, MinerU with Version 0.9.3⁸ is employed. For Marker, Ver-

sion 1.2.3⁹ is evaluated. For Nougat, we utilize its 0.1.0-base model (350M). For GOT-OCR, we employ its format OCR mode to output structured data.

For general VLMs, we used the GPT4o, Qwen2-VL-72B, and InternVL2-Llama3-76B by setting the *do_sample=False* to ensure the reproducibility. After testing the different setting of *max_token*, the best setting is chosen for each VLMs. Specifically, *max_token=32000* is set for Qwen2-VL-72B, and *max_token=4096* is set for InternVL2-Llama3-76B. For GPT-4o, the default setting is used.

V. More Details on Methods

Ignore handling. The purpose of this process is to avoid fluctuations in accuracy caused by the lack of uniformity in the output standards among document parsing algorithm. (1) Some algorithm (e.g., GPT-OCR, Qwen2-VL) tends to remove headers and footers, while others (e.g., GPT4o) prefers to retain them (Figure S3). (2) Moreover, the reading order mismatch cause by captions and footnotes is also considered. For example, Nougat would put the image captions in the end of the page content (Figure S4), while others tend to put the image captions in human reading order.

Ignore handling is to minimize the impact of varying standards of document parsing on evaluation. Our evaluation dataset aims to more fairly assess the parsing accuracy of various algorithms, and these trivial issues regarding standards are not within our scope of consideration.

⁸https://github.com/opendatalab/MinerU/releases/tag/magic_pdf-0.9.3-released

⁹<https://github.com/VikParuchuri/marker/releases/tag/v1.2.3>

PDF Type	Layout Type	Language	Special issue
PPT2PDF, 133 Exam Paper, 114 Newspaper, 111	Academic Papers, 129 Book, 104 Colorful Textbook, 96	Notes, 116 Magazine, 97 Financial Reports, 81	Simplified Chinese, 612 English, 290 Mixed, 79

Figure S1. The Data Proportion of Pages for each Attribute in OmniDocBench.

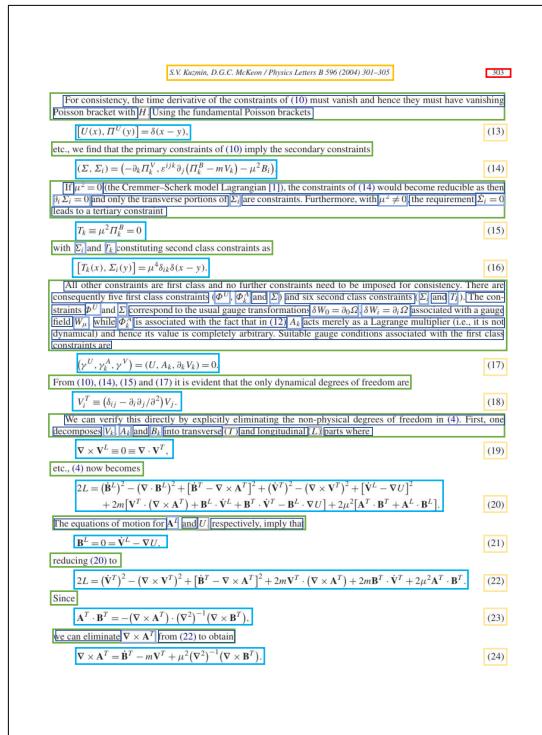
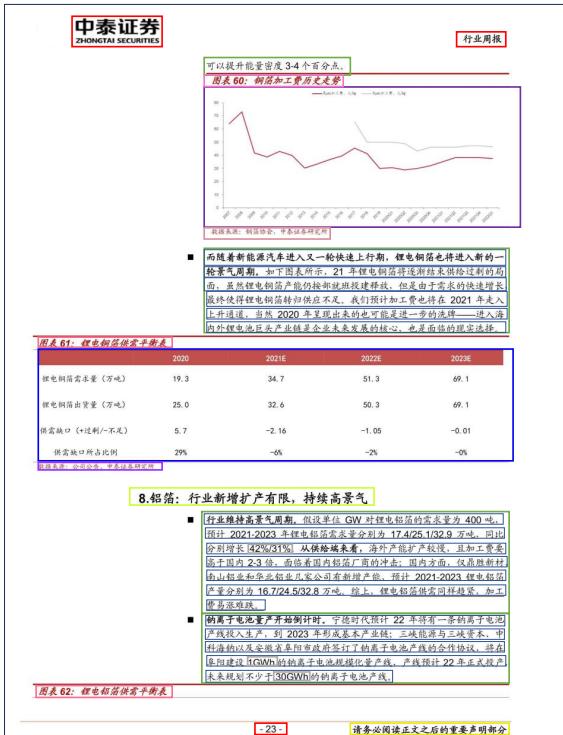


Figure S2. The Visualization of vary Annotations in OmniDocBench.

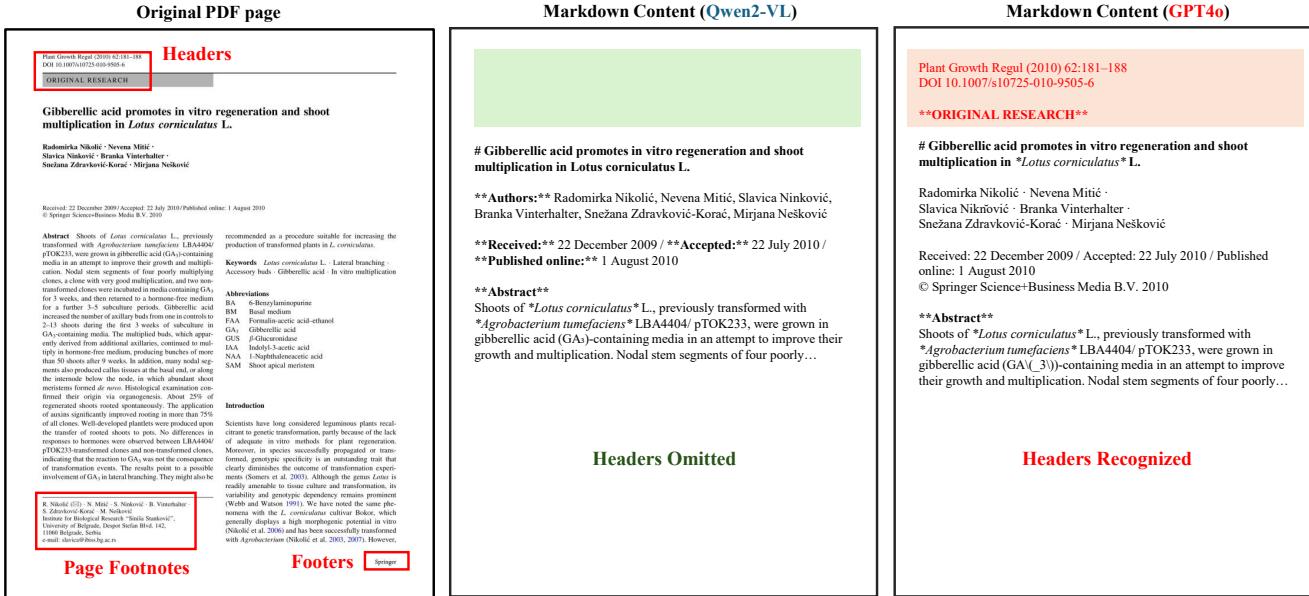


Figure S3. The Vary Standards in parsing Header, Footers, and so on.

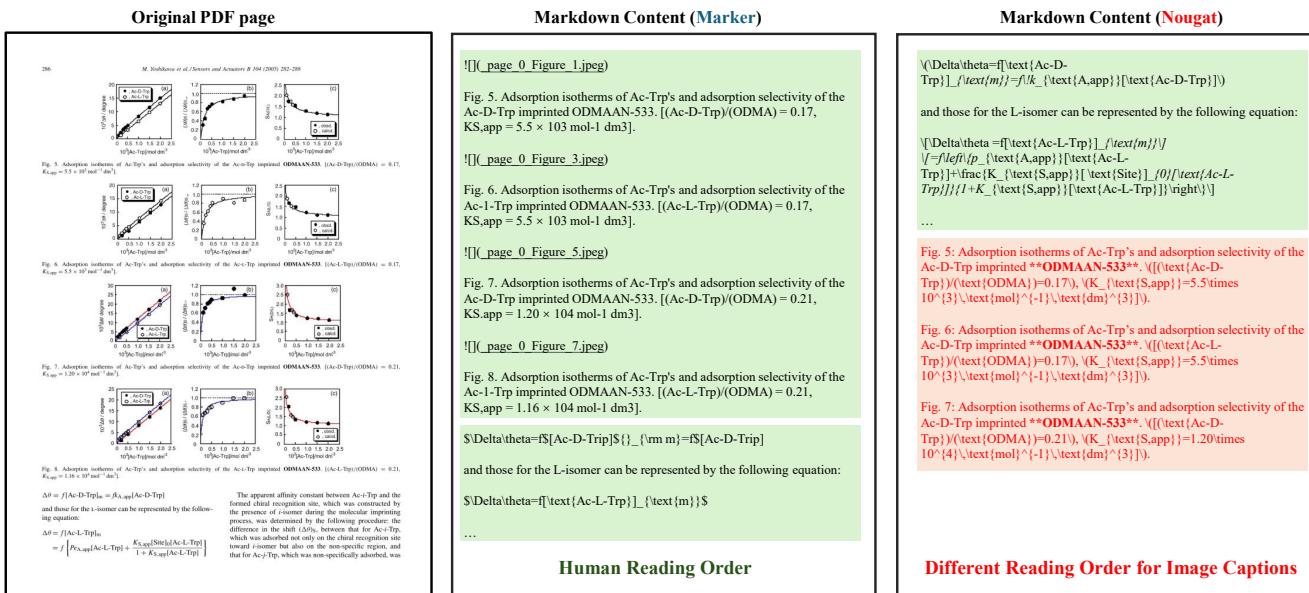


Figure S4. The Vary Standards in parsing Captions.

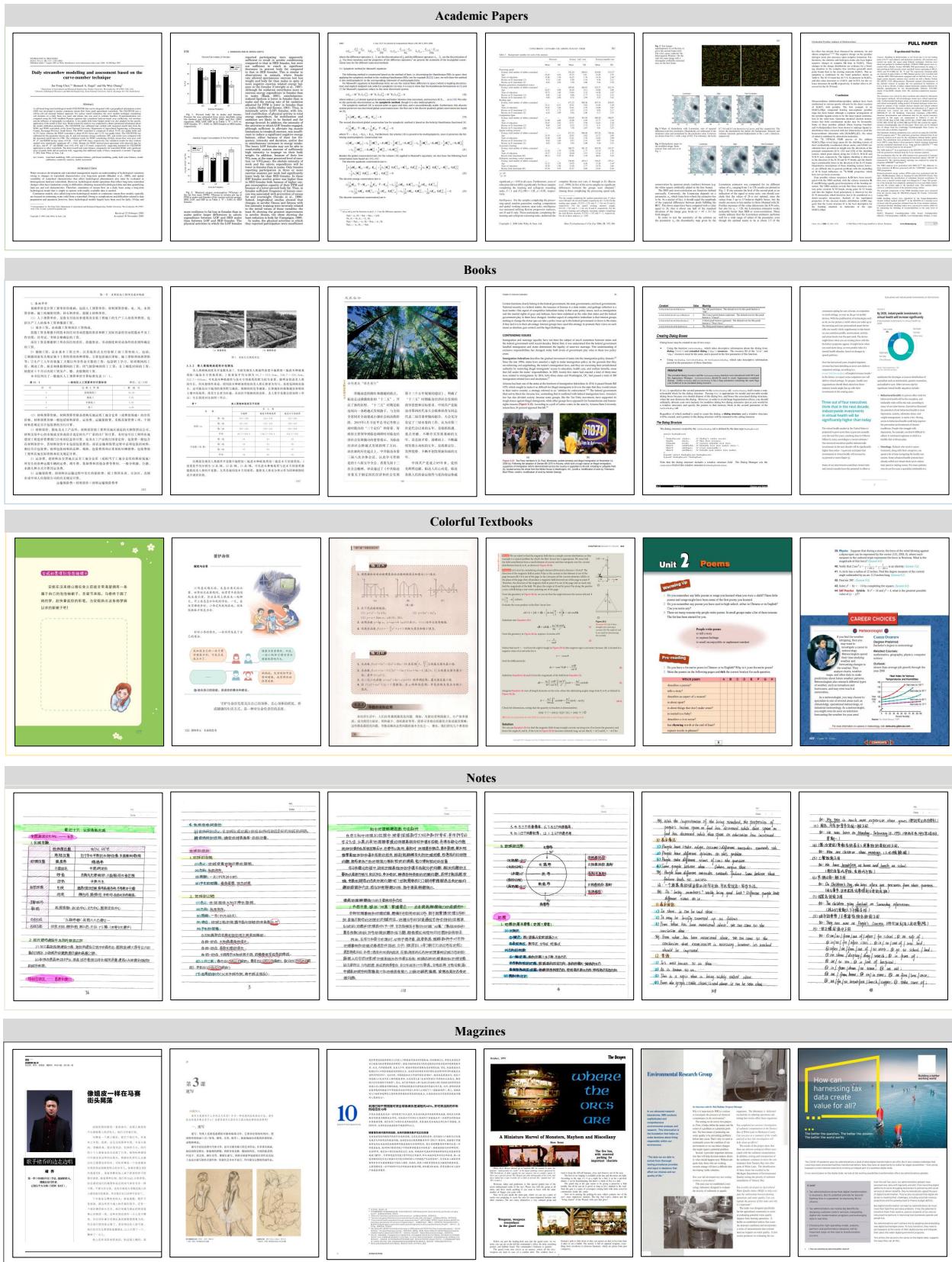


Figure S5. The Examples of Academic Papers, Books, Textbooks, Notes, and Magazines in OmniDocBench.

Financial Reports

Newspapers

Exam Papers

Slides

Figure S6. The Examples of Financial Reports, Newspapers, Example Papers, and Slides in OmniDocBench.

Fun Frantic

Chapter 2 | Descriptive Statistics

152. Four quartiles = \$26.5 FTEs
 • third quartile = 1,447.5 FTEs
 • n = 29 years

94. A sample of 11 years is taken. About how many are expected to have a FTEs of 1014 or above? Explain how you determined your answer.

95. 75% of all years have an FTEs:
 a. less than 1,000
 b. at or above 1,000

96. The population standard deviation = ?

97. What was the range of the FTEs from 2005 to 1447.5? How do you know?

98. Is it possible to have 100% FTEs? Explain.

99. How many standard deviations away from the mean is the median?

Additional Information: The population FTEs for 2005–2006 through 2010–2011 was given in an updated report. The data are repeated here:

Year	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11
Total FTEs	1,500	1,600	1,700	1,900	2,000	1,800

Value 2.73

100. Calculate the mean, median, standard deviation, the first quartile, the third quartile and the IQR. Round to one decimal place.

101. What additional information is needed to construct a box plot for the FTEs for 2005–2006 through 2010–2011 and a box plot for the FTEs for 1976–1977 through 2004–2005?

102. Compare the mean FTEs for 1976–77 through 2004–2005 with the IQR for the FTEs for 2005–2006 through 2010–2011. Which is larger? Explain.

103. Three students were applying to the same graduate school. They came from schools with different grading systems. Which student had the best GPA when compared to other students at his school? Explain how you determined your answer.

Student	School	Average GPA	School Standard Deviation
Thay	2.7	3.2	0.8
Vichet	97	75	20
Kamala	8.6	8	0.4

Value 2.74

104. A music school has budgeted to purchase three musical instruments. They plan to purchase a piano costing \$3,000, a guitar costing \$500, and a drum set costing \$600. The mean cost for a piano is \$4,000 with a standard deviation of \$2,500. The mean cost for a guitar is \$500 with a standard deviation of \$200. The mean cost for drums is \$700 with a standard deviation of \$100. Which instrument is the least expensive? Which instrument is the most expensive? Which instrument is the most consistent in price?

105. An elementary school class has one mile of a 11 minutes and a standard deviation of three minutes. Rachel, a student in the class, ran one mile in eight minutes. A junior high school class ran one mile with a mean of nine minutes and a standard deviation of two minutes. A senior high school class ran one mile with a mean of 10 minutes and a standard deviation of four minutes. Nedda, a student in the class, ran one mile with a mean of seven minutes and a standard deviation of four minutes. Nedda, a student in the class, ran one mile in eight minutes.

a. Why is Nedda considered a better runner than Nedda, even though Nedda ran faster than?

b. Who is the fastest runner with respect to his or her class? Explain why.

Figure S9. The Examples of Tables with different Frame in OmniDocBench.

Table Rotate

Table contain Formula:

Figure S10. The Examples of Tables under Special Issues in OmniDocBench.

第三章 金属材料

中考真题

素呈+3价,在进行有关氧化还原反应的计算时,可将Fe元素的化合价看作 $\frac{8}{3}$ 价。
Fe₂O₃可以用FeO_{1.5}来表示,但Fe₂O₃是化合物,是一种纯净物,不能将Fe₂O₃看成是由Fe和Fe₂O₃组成的混合物。

● 问题3 全铁阳离子还是应该一定到金属单质吗?

不一定,存在多种状态的金属可能从低价价态还原到较低价态,但仍为化学式,如铁粉与氯化铁溶液的反应:Fe+2Fe³⁺—→3Fe²⁺。

K 应试拓展注意

拓展1 铁的氧化物和氢氧化物

铁的氧化物比较

名称	氧化亚铁(俗称赤铁)	四氧化三铁(俗称磁性氧化铁)
化学式	FeO	Fe ₃ O ₄
颜色、状态	黑色粉末	红棕色粉末
铁的价态	+2价	+3价
水溶性	均难溶于水	
与非氧化性酸反应	Fe+2H ⁺ —→Fe ²⁺ +H ₂ O	Fe ₃ O ₄ +6H ⁺ —→2Fe ³⁺ +3H ₂ O
与H ₂ O ₂ 、O ₂ 反应	FeO+H ₂ O ₂ —→Fe ₂ O ₃	Fe ₃ O ₄ +3CO—→2Fe+3CO ₂
与H ₂ O ₂ 、O ₂ 反应	FeO+O ₂ —→Fe ₂ O ₃	2Fe+O ₂ +8Al—→3Fe ₃ O ₄ +8Al, 高温

[说明] (1) Fe不稳定,易被氧化为Fe₃O₄。
(2) Fe₂O₃、Fe₃O₄遇强氧化剂(如HNO₃)发生氧化还原反应,+2价的铁均被氧化为+3价。

(3) Fe₂O₃、Fe₃O₄均为两性氧化物,Fe₂O₃是复杂的氧化物,不属于碱性氧化物。

● 铁的氢氧化物比较

名称	氢氧化亚铁	氢氧化铁
化学式	Fe(OH) ₂	Fe(OH) ₃
颜色、状态	白色固体	红褐色固体
水溶性	不溶	不溶
与酸反应	Fe(OH) ₂ +2H ⁺ —→Fe ²⁺ +2H ₂ O	Fe(OH) ₃ +3H ⁺ —→Fe ³⁺ +3H ₂ O
稳定性	不稳定,在空气中会迅速变灰绿色,最后变为红褐色;4Fe(OH) ₂ +O ₂ +2H ₂ O—→4Fe(OH) ₃	常温下稳定,加热分解 2Fe(OH) ₃ —→Fe ₂ O ₃ +3H ₂ O
制备	Fe ²⁺ +2OH ⁻ —→Fe(OH) ₂ ↓ (必须在非氧化性环境中制备)	Fe ³⁺ +3OH ⁻ —→Fe(OH) ₃ ↓

■ Fe(OH)₂,为白色絮状沉淀,在空气中会迅速变灰绿色,最后变为红褐色。白色—→绿色—→红褐色,此认识常用于鉴别物质的性质和判断物质的重要突破口。

Table with Colorful Background

Table with Many Cells

Table with Merge Cell		
合并单元格的使用		
正标题	合并单元格	
	名称	备注说明
背景编写	背景图	背景图是对于人物形象的即时背景，插入人物的背景，例如，舞台，背景音乐，对于人物角色和人物事件的整体呈现，可以将人物放在不同的背景上，从而达到不同的视觉效果。
	背景编写	通过背景编写功能，可以对人物的背景进行编辑，例如，可以将人物放在不同的背景上，从而达到不同的视觉效果。
动作编写	动画图	动画图是对于人物的即时动作，一个动画图，可以显示人物的不同动作，例如，人物走动，人物睡觉，人物睡觉时的动作，人物睡觉时的面部表情等。
	动作编写	通过动画编写功能，可以对人物的即时动作进行编辑，例如，可以将人物放在不同的背景上，从而达到不同的视觉效果。
心理编写	动作图	动作图是对于人物的心理即时动作，例如，人物的面部表情，人物的心理状态，人物的心理活动等。
	心理编写	通过心理编写功能，可以对人物的心理即时动作进行编辑，例如，可以将人物放在不同的背景上，从而达到不同的视觉效果。
情绪编写	情绪图	情绪图是对于人物的情绪即时动作，例如，人物的面部表情，人物的情绪状态，人物的情绪活动等。
	情绪编写	通过情绪编写功能，可以对人物的情绪即时动作进行编辑，例如，可以将人物放在不同的背景上，从而达到不同的视觉效果。
面部编写	面部图	面部图是对于人物的即时面部表情，例如，面部表情，面部状态，面部活动等。
	面部编写	通过面部编写功能，可以对人物的即时面部表情进行编辑，例如，可以将人物放在不同的背景上，从而达到不同的视觉效果。

Academic Papers

<p>usually have partial myelitis and characteristically have asymmetric clinical findings with predominantly sensory or motor MRI lesions. over less than two spinal levels. As in the other subtypes of CIS, abnormal brain MRI results is the most common finding at baseline, and this is associated with the presence of OBR.^{1,2,3,4} Notably, none of our 20 patients with myelitis and normal baseline MRI results had a second attack during follow-up or a new T2 lesion in the 1-year MRI after a mean follow-up of 44 months (data not shown).</p> <p>CIS can also present as optic neuritis, or spinal cord syndromes. Less common initial episodes suggestive of central nervous system demyelination can occur in patients with CIS, but these syndromes have not been specifically studied. In our cohort, only 30 patients (14%) had an initial attack different from CIS (Table 3). One patient had a polyradicular syndrome, 6 had a hemiplegic syndrome, 1 had a cerebellar syndrome, and 1 had a neurological syndrome of undetermined topography. In our cohort, there are insufficient numbers in the subgroup to allow for a meaningful comparison of the sensory definition of what is multifocal or polyfocal needs to be achieved, and a greater number of patients will be required.</p> <p>The apparent discrepancy between natural history studies that claimed the ON has a better outcome and the present study that claimed the ON has a worse outcome may do not show differences in outcomes among different topographies may be explained by our observational nature of the study. Patients with CIS who present with ON may have a better outcome because, as a group, they have more chances for recovery than those with other forms of CIS.</p> <p>ON is a common presentation of CIS. Differential diagnosis in patients with subacute visual loss is a challenging, and often difficult task, that mimic inflammatory-demyelinating ON are difficult to identify. Nevertheless, if a patient with ON has abnormal baseline MRI, the prognosis for this patient may differ from that of other patients with different CISs. MRI at baseline, not CIS topography, appears to be the crucial issue at MS presentation.</p>
<p>References</p> <ol style="list-style-type: none"> Confavreux C, Vukusic S, Adeleine P. Early clinical prediction and prognosis in multiple sclerosis. Witkamp RG, Bass GP, Rice J, et al. The natural history of multiple sclerosis in children. Witkamp RG, Bass GP, Rice J, et al. Clinical course of multiple sclerosis in children. Breit PA, Ciccarelli O. Prognostic factors in multiple sclerosis including cohort with twenty years of follow-up. Brain 1995;118:1-18.
<p>214 <i>Annals of Neurology</i> Vol 57 No 2 February 2005</p>

Markdown Content (MinerU)

usually have partial myelitis and characteristically have asymmetric clinical findings with predominantly sensory symptoms., none of our 20 patients with myelitis and normal baseline MRI results had a second attack during follow-up or a new T2 lesion in the 1-year MRI after a mean follow-up of 44 months (data not shown).

CISs classically refer to ON, brainstem syndromes, or spinal cord syndromes. A consensus definition of what is multifocal or polyregional needs to be achieved, and a greater number of patients with such characteristics should be studied.

The apparent discrepancy between natural history studies that claimed that ON has a better outcome MRI at baseline, not CIS topography, appears to be the crucial issue at MS presentation.

References

- Confavreux C, Vukusic S, Adeleine P 126:770-782.
- Weinshenker BG, Bass GP, Rice J, et al. ;112:133-146.
- Weinshenker BG. Natural History of Multiple ;36:S6-S11.
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• • •

- Sodersrom M, Ya-Ping J, Hillet J, Link H. 1998;50:708-714.
- Jacobs LD, Kaba SE, Miller CM, et al. 1997 41: 392-398.

Markdown Content (InternVL2)

--Missing Content--

5. Brex PA, Ciccarelli O, Jonathan L, et al. 2002;346:158-164.

6. Morrissey SP, Miller DH, Kendall BE, et al. 1993;56:5-13.

• • •

- Sodersrom M, Ya-Ping J, Hillet J, Link H. 1998;50:708-714.
- Jacobs LD, Kaba SE, Miller CM, et al. 1997 41: 392-398.

Figure S11. The Good Model Result and Bad Model Result for Academic Papers.

Book

Content	Value	Meaning
tkAlertStdAlertOkButton	1	The OK push button. The default text for this push button is "OK".
tkAlertStdAlertCancelButton	2	The Cancel push button (optional). The default text for this push button is "Cancel".
tkAlertStdAlertOkCancelButton	3	A third push button (optional). The default text for this push button is "Don't care".
tkAlertStdAlertHelpButton	4	The Help push button (optional).

Creating Dialog Boxes

Dialog boxes can be created in one of two ways:

- Using the function `GetNewDialog`, which takes descriptive information about the dialog from `(\$cdot\$ DLOG \$dot\$)` and extended dialog resources.
- Using `NewDialog`, `NewColorDialog`, or `NewFeaturesDialog`, which take descriptive information passed in the parameters of those functions.

Historical Note

The extended dialog resource and the `NewFeaturesDialog` function were introduced with OS 8 and the Appearance Manager. `NewFeaturesDialog` should be used to create Appearance-compliant dialog boxes.

If `tk` is specified as the second parameter in the `GetNewDialog` call, `GetNewDialog` itself creates a non-relocatable block for the dialog structure. Passing `nil` is appropriate for modal and movable modal dialogs because the dialog structure is created in the calling function, when the user dismisses the dialog. However, in order to avoid heap fragmentation issues, when using `tk` as the second parameter in the `GetNewDialog` call, you should make sure that your application never releases the memory block that you would for a window structure and specify the pointer to that memory block in the `tk` parameter of the `GetNewDialog` call.

Regardless of which method is used to create the dialog, a `dialog structure` and a `window structure` will be created, and a pointer to the dialog structure will be returned to the calling function.

The Dialog Structure

The dialog structure created by the `GetNewDialog` call is defined by the data type `DialogRecord`:

```

struct DialogRecord {
    WindowRecord window; // Dialog's window record;
    // Dialog's window record. Handle items; // Item list resource.
    TEHandle textH; // Current editable text item.
    SInt16 editField; // Editable text item number minus 1.
    SInt16 editOpen; // (Used internally.)
    SInt16 aDefItem; // Default push button item number.
}.....

```

Note that the dialog structure includes a window structure field. The Dialog Manager sets the `windowKind` field of this window structure to `kDialogWindowKind`.

Markdown Content (Mathpix)

```
<table border=1><tr><td>Constant</td><td>Value</td></tr><td>Meaning</td><td>The OK push button. The default text for this push button is "OK".</td></tr><td>The Cancel push button (optional). The default text for this push button is "Cancel".</td><td>A third push button (optional). The default text for this push button is "Don't care".</td></tr><td>The Help push button (optional).</td><td>The Help push button (optional).</td></tr>
```

Creating Dialog Boxes Dialog boxes can be created in one of two ways.: Using the function `GetNewDialog`, which takes descriptive information about the dialog from `(\$cdot\$ DLOG \$dot\$)` and extended dialog resources. - Using `NewDialog`, `NewColorDialog`, or `NewFeaturesDialog`, which take descriptive information passed in the parameters of those functions.

Historical Note

The extended dialog resource and the `NewFeaturesDialog` function were introduced with OS 8 and the Appearance Manager.

If `NULL` is specified as the second parameter in the `GetNewDialog` call, `GetNewDialog` itself creates a non-relocatable block for the dialog structure. Regardless of which method is used to create the dialog, a `**dialog structure**` and a `window structure` will be created, and a pointer to the dialog structure will be returned to the calling function.

The Dialog Structure
`WindowRecord` window; // Dialog's window record. Handle items; // Item list resource.
`TEHandle` textH; // Current editable text item.
`SInt16` editField; // Editable text item number minus 1.
`SInt16` editOpen; // (Used internally.)
`SInt16` aDefItem; // Default push button item number.
}..... The Dialog Manager sets the `windowKind` field of this window structure to `kDialogWindowKind`.

Markdown Content (Nougat)

--Missing Table --

Creating Dialog Boxes

Dialog boxes may be created in one of two ways:

- * Using the function `GetNewDialog`, which takes descriptive information about the dialog from `**dialog** ("dLog") and **extended dialog** ("dlgx") **resources**. The resource ID of the "dLog" and "dlgx" resources must be the same, and is passed in the first parameter of this function.`

Historical Note

The extended dialog resource and the `NewFeaturesDialog` function were introduced with OS 8 and the Appearance Manager.

If `NULL` is specified as the second parameter in the `GetNewDialog` call, `GetNewDialog` itself creates a non-relocatable block for the dialog structure. Regardless of which method is used to create the dialog, a `**dialog structure**` and a `window structure` will be created, and a pointer to the dialog structure will be returned to the calling function.

The Dialog Structure
`WindowRecord` window; // Dialog's window record. Handle items; // Item list resource.
`TEHandle` textH; // Current editable text item.
`SInt16` editField; // Editable text item number minus 1.
`SInt16` editOpen; // (Used internally.)
`SInt16` aDefItem; // Default push button item number.
}..... The Dialog Manager sets the `windowKind` field of this window structure to `kDialogWindowKind`.

Figure S12. The Good Model Result and Bad Model Result for Books.

Exam Papers

Markdown Content (Qwen2-VL)

```
# Lessons 1 ~ 2 测试卷
时间:90分钟 满分:100分
<table border="1">\n<tr>\n    <td colspan="10" rowspan="1" style="text-align: center;">..... 总分\n</tr>\n</table>
```

听力部分 (30 分)

I. 听录音,选出你所听到的单词。(10 分)

1. A. must B. much C. may
2. A. put B. eat C. sit
3. A. seat B. street C. skate
4. A. line B. learn C. light
5. A. too B. into C. in

II. 听录音,按你所听内容,用数字“1~5”给下列图片排序。(10 分)

![图片1](https://i.imgur.com/1.png)
![图片2](https://i.imgur.com/2.png)
![图片3](https://i.imgur.com/3.png)
![图片4](https://i.imgur.com/4.png)
![图片5](https://i.imgur.com/5.png)

III. 听录音,选择正确的答语。(10 分)

1. A. Good afternoon, Mrs Read. B. Sorry, she's not in.
2. A. I'm having lunch. B. I'm in the park.
3. A. Hello, John! B. Yes. Here it is.
4. A. Yes, we can. B. You're welcome.
5. A. You can sit here. B. At the sports centre.

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Markdown Content (Mathpix)

```
柰冠新课堂 $ \cdot K \cdot
```

Lessons 1 ~ 2 测试卷

时间: 90 分钟

满分: 100 分

*Nl 茄 出 岗 <table border=1>

题号	I	II	III	IV	V	VI	VII	VIII	X	总分	等级
----	---	----	-----	----	---	----	-----	------	---	----	----

</tr></table>

听力部分 (30 分)

I. 听录音,选出你所听到的单词。(10 分)

1. A. must B. much C. may
2. A. put B. eat C. sit
3. A. seat B. street C. skate
4. A. line B. learn C. light
5. A. too B. into C. in

II. 听录音,按你所听内容,用数字“1~5”给下列图片排序。(10 分)

—Prediction Content Error —

听力部分 (30 分)

I. 听录音,选出你所听到的单词。(10 分)

多 \$ = \$ 离 出 管 尖
() B. much B. eat B. street B. learn B. into C. may C. sit C. skate C. light C. in

II. 听录音,按你所听内容,用数字 “\$ \mathbf{mathbf{1} \sim 5 \text{ text}}\{" 给下 列图片排序。 (10 分) }\$

III. 听录音,选择正确的答语。(10 分)

1. A. Good afternoon, Mrs Read. B. Sorry, she's not in.
2. A. I'm having lunch. B. I'm in the park.
3. A. Hello, John! B. Yes. Here it is.
4. A. Yes, we can. B. You're welcome.
5. A. You can sit here. B. At the sports centre.

—Prediction Content Error —

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Figure S13. The **Good** Model Result and **Bad** Model Result for Exam Papers.

Magazines

Markdown Content (MinerU)

第四章 主食类

葱油面

材料成分

- **主料**：香葱 500g，大葱 500g，紫葱头 500g，切面（细）5kg；
- **辅料**：水 300g，油菜 500g，食用油 500g；
- **调料**：酱油 1kg。

制作过程

香葱切段，大葱、葱头切丝，油菜切开备用；葱油制作：锅内放油烧至三成熟，将香葱、大葱、葱头入锅小火熬制20分钟后加酱油、水，开锅10分钟盛出；锅中煮面条的同时放一个小油菜，煮熟后浇上葱油，撒上香葱粒即可（原料按35碗计算）。

工艺技巧

面条要细；熬油温度不宜太高。

品质特点

柔韧爽滑，葱香可口。

Markdown Content (GPT4o)

```
<div align="center">
<h2>葱油面</h2>

</div>
```

材料成分

主料:	香葱 500g, 大葱 500g, 紫葱头 500g, 切面 (细) 5kg;
辅料:	水 300g, 油菜 500g, 食用油 500g;
调料:	酱油 1kg。

制作过程

香葱切段，大葱、葱头切丝，油菜切开备用；葱油制作: 锅内放油烧至三成熟，将香葱、大葱、葱头入锅小火熬制 20 分钟后加酱油、水，开锅 10 分钟盛出；锅中煮面条的同时放一个小油菜，煮熟后浇上葱油，撒上香葱粒即可（原料按 35 碗计算）。

工艺技巧

面条要细；熬油温度不宜太高。

品质特点

柔韧爽滑，葱香可口。

```
<div align="right">
<b>王广勇 提供</b>
</div> <p align="center">157</p>
```

Figure S14. The **Good** Model Result and **Bad** Model Result for Magazines.

Newspapers

Markdown Content (MinerU)

三部门再次公布举报电话严查虚假报道
新华社北京12月31日电为深入推动全国网战线开展“杜绝虚假报道、培强社会责任”.....
据悉，各省、自治区，直辖市有关部门和单位也将陆续公布举报电话。
国家广电总局举报电话：010-86093956
新闻出版总署举报电话：010-65212787
中国记协举报电话：010-58262800
新华社北京12月31日电（记者李志勇）2011年春运期间，农民工团体订票将于1月5日开始：.....
记者从北京市交通委了解到2011年1月5日至16日，北京农民工春运团体票预订将在北京站和北京西站办理；1月10日至22日，农民工可以到北京站、北京西站和北京北站开设的农民工团体售票专口直接购买农民工团体火车票，.....

● ● ●

票星2009-2011年回库支持推广的农业机具产品目录
中营2006年国家科学技术进步二等奖票获2005年河南省科学技术进步一等奖，中荣2008年河南省科学技术进步二等奖十项国家标准（GB/T24689：1-GB/T24689.7-2009）.....
001或85815522传真：（010）85832154广告热线：010）84395085广告经营许可证：京工商广字第0055号每份：0.63元月价：16.5元农民日报社印刷厂印

Markdown Content (Mathpix)

4 时事新闻 2011年1月1日 星期六 人民日报
河南佳多科工稀有限责任公司致以最崇高敬意，并恭祝新春愉快！* 荣获2008年河南少科学进步二等奖* 荣录《河南省重点工业产品达标备案目录》政府招投标优先采购产品
每份 \$ 0.63 \bar{v}ar{\pi}\\$

---Missing Content---

Figure S15. The Good Model Result and Bad Model Result for Newspaper.

Notes

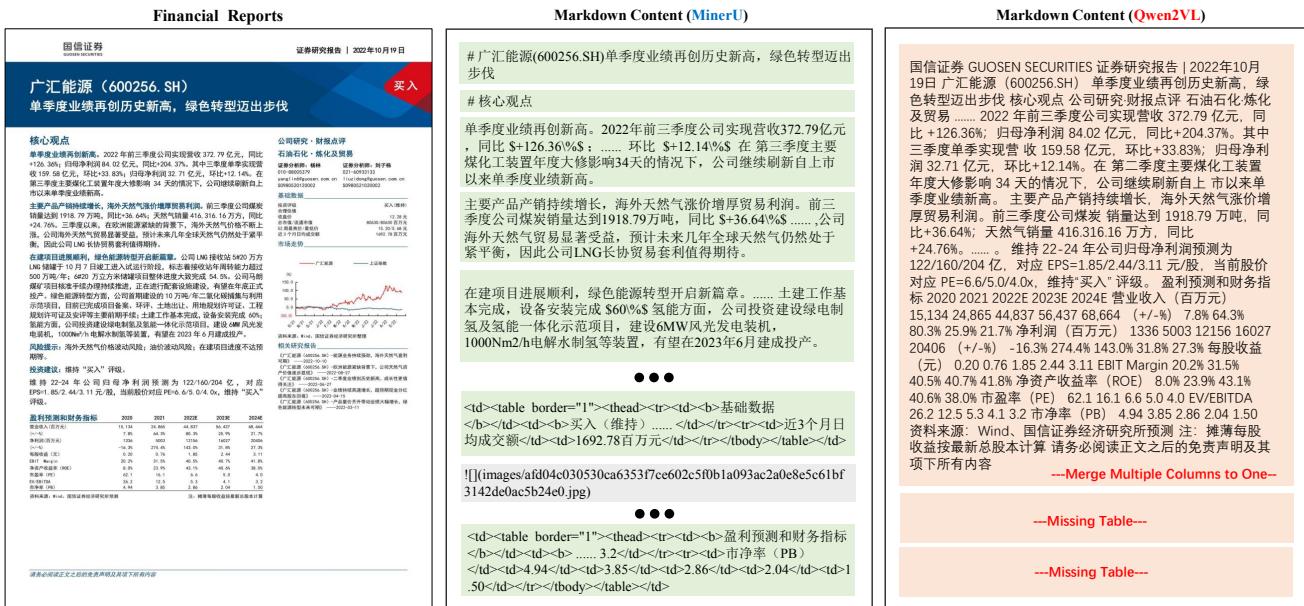
Markdown Content (InternV1.2)

markdown
NO. _____ Date _____
1992年6月，《21世纪议程》破坏环境→可持续发展
4. 城市化问题
(1) 人口和城市的分布
① 特点：人口分布极不平衡，90%的人口居住在东部沿海地带，而且大城市占十分之七。
② 带来许多“城市病”：交通拥堵、住房困难、就业紧张、污染严重、犯罪增多。
③ 解决措施：进行合理的城市规划，建立卫星城；城市中工业和人口向郊区分散；加强城市管理，重视保护和治理城市环境。
(2) 主要城市：
圣保罗：经济中心、最大的城市和工业中心。
里约热内卢：商业和金融中心、第二大城市。
巴西利亚：政治中心、首都，是新建城市。
..

Markdown Content (MinerU)

---Handle Writing Text Missing---

Figure S16. The Good Model Result and Bad Model Result for Handwriting Notes.



Textbooks

通过简单的推理或试验，可以发现：

(1) 从 1 到 6 的每一个点数都有可能出现，所有可能的点数共有 6 种，但是事先无法预料哪一次骰子会出现哪一种结果；
 (2) 出现的点数肯定大于 0；
 (3) 出现的点数绝对不会是 7；
 (4) 出现的点数可能是 4，也可能不是 4，事先无法确定。

在一定条件下，有些事件必然会发生。例如，问题 1 中“抽到的数字小于 6”，问题 2 中“出现的点数大于 0”。这样的事件称为必然事件。相反地，有些事件必然不会发生。例如，问题 1 中“抽到的数字是 0”，问题 2 中“出现的点数是 7”。这样的事件称为不可能事件。必然事件与不可能事件统称确定性事件。

在一定条件下，有些事件有可能发生，也有可能不发生，事先无法确定。例如，问题 1 中“抽到的数字是 1”，问题 2 中“出现的点数是 4”。这两个事件是否发生事先不能确定，在一定条件下，可能发生也可能不发生的事件，称为随机事件 (Random event)。

你还能举出一些随机事件的例子吗？

练习

指出下列事件中，哪些是必然事件，哪些是不可能事件，哪些是随机事件。
 (1) 通常加热到 100℃ 时，水沸腾；
 (2) 蓝球队员在罚球线上投篮一次，未投中；
 (3) 抽一次骰子，向上的一面的点数是 6；
 (4) 任意画一个三角形，其内角和是 360°；
 (5) 经过交通信号灯的路口，遇到红灯；
 (6) 射击运动员射击一次，命中靶心。

问题 3 袋子中装有 4 个黑球、2 个白球，这些球的形状、大小、质地等完全相同，即除颜色外其他都相同。在看不到球的条件下，随机从袋子中摸出 1 个球。
 (1) 这个球是白球还是黑球？
 (2) 如果两种球都有可能被摸出，那么摸出黑球和摸出白球的可能性一样大吗？

128 第二章 概率初步

Markdown Content (MinerU)

通过简单的推理或试验，可以发现

(1) 从 1 到 6 的每一个点数都有可能出现，所有可能的点数共有 6 种，但是事先无法预料哪一次骰子会出现哪一种结果；(2) 出现的点数肯定大于 0；(3) 出现的点数绝对不会是 7；(4) 出现的点数可能是 4，也可能不是 4，事先无法确定。

在一定条件下，有些事件必然会发生，例如，问题 1 中“抽到的数字小于 6”，问题 2 中“出现的点数大于 0”。这样的事件称为必然事件。相反地，有些事件必然不会发生，例如，问题 1 中“抽到的数字是 0”，问题 2 中“出现的点数是 7”……

在一定条件下，有些事件有可能发生，也有可能不发生，事先无法确定。例如，问题 1 中“抽到的数字是 1”，问题 2 中“出现的点数是 4”……

你还能举出一些随机事件的例子吗？

练习

指出下列事件中，哪些是必然事件，哪些是不可能事件，哪些是随机事件。(1) 通常加热到 100℃ 时，水沸腾；(2) 蓝球队员在罚球线上投篮一次，未投中；……

问题 3 袋子中装有 4 个黑球、2 个白球，这些球的形状、大小、质地等完全相同，即除颜色外其他都相同。在看不到球的条件下，随机从袋子中摸出 1 个球。
 问题 3袋子中装有 4 个黑球，2 个白球，这些球的形状、大小、质地等完全相同，……如果两种球都有可能被摸出，那么摸出黑球和摸出白球的可能性一样大吗？

Figure S19. The Good Model Result and Bad Model Result for Textbooks.

Fuzzy Scan

第二章 数列

因为 $a_n = a_1 q^{n-1}$ ，所以上面的公式还可以写成
 $S_n = \frac{a_1 - a_1 q^n}{1 - q}$ ($q \neq 1$)。

有了上述公式，就可以解决本节开头提出的问题。由 $a_1 = 1$, $q = 2$, $n = 64$, 可得
 $S_n = \frac{1 - 2^{64}}{1 - 2} = 2^{64} - 1$ 。

例 1 求下列等比数列前 8 项的和：
 (1) $\frac{1}{2}, \frac{1}{4}, \frac{1}{8}, \dots$
 (2) $a_1 = 27, a_n = \frac{1}{243}, q \leq 0$ 。

解：(1) 因为 $a_1 = 1, q = \frac{1}{2}$ ，所以当 $n=8$ 时，
 $S_n = \frac{\frac{1}{2} [1 - (\frac{1}{2})^8]}{1 - \frac{1}{2}} = \frac{255}{256}$ 。
 (2) 由 $a_1 = 27, a_n = \frac{1}{243}$ ，可得
 $\frac{1}{243} = 27 \cdot q^7$ 。
 又由 $q \leq 0$ ，可得
 $q = -\frac{1}{3}$ 。
 于是当 $n=8$ 时，
 $S_n = \frac{27 [1 - (-\frac{1}{3})^8]}{1 - (-\frac{1}{3})} = \frac{1640}{81}$ 。

Markdown Content (MinerU)

第二章 数列

由于 $S_n = a_1 + a_2 + \dots + a_n$ ，所以上面的公式还可以写成
 $S_n = a_1 + a_1 q + a_1 q^2 + \dots + a_1 q^{n-1}$ 。

有了上述公式，就可以解决本节开头提出的问题。由 $a_1 = 1, q = 2, n = 64$ ，可得
 $S_n = 1 + 2 + 2^2 + \dots + 2^{63}$ 。

例 1 求下列等比数列前 8 项的和：
 (1) $\frac{1}{2}, \frac{1}{4}, \frac{1}{8}, \dots$
 (2) $a_1 = 27, a_n = \frac{1}{243}, q < 0$ 。

解：(1) 因为 $a_1 = 1, q = \frac{1}{2}$ ，所以当 $n=8$ 时，
 $S_n = \frac{1 - (\frac{1}{2})^8}{1 - \frac{1}{2}} = \frac{255}{256}$ 。
 (2) 由 $a_1 = 27, a_n = \frac{1}{243}$ ，可得
 $\frac{1}{243} = 27 \cdot q^7$ 。
 又由 $q < 0$ ，可得
 $q = -\frac{1}{3}$ 。
 于是当 $n=8$ 时，
 $S_n = \frac{27 [1 - (-\frac{1}{3})^8]}{1 - (-\frac{1}{3})} = \frac{1640}{81}$ 。

Markdown Content (Marker)

-----Missing Paragraphs-----
 因为 $a_1 = 1, q = \frac{1}{2}$ ，所以上面的公式还可以写成 $S_n = a_1 + a_1 q + a_1 q^2 + \dots + a_1 q^{n-1}$ 。

1-q 有了上述公式，就可以解决本节开头提出的问题。由 $a_1 = 1, q = \frac{1}{2}, n = 64$ ，可得
 $S_n = 1 + \frac{1}{2} + \frac{1}{4} + \dots + \frac{1}{2^{63}}$ 。
 $S_n = 1 - \frac{1}{2^{64}} = 1 - \frac{1}{1640} = \frac{1639}{1640}$ 。

2%-1 这个数很大，超过了 1.84×10^{19} 。假定手粒麦子的质量为 40 g，那么麦粒的总质量超过了 7000 吨，因此，国王不能实现他的诺言。

求下列等比数列前 8 项的和：例 1 (1) - (2) $a_1 = 27, q = \frac{1}{2}$ 。
 (1) $\frac{1}{2}, \frac{1}{4}, \frac{1}{8}, \dots$
 (2) $a_1 = 27, a_n = \frac{1}{243}, q < 0$ 。

解：(1) 因为 $a_1 = 1, q = \frac{1}{2}$ ，所以当 $n=8$ 时，
 $S_n = \frac{1 - (\frac{1}{2})^8}{1 - \frac{1}{2}} = \frac{255}{256}$ 。
 (2) 由 $a_1 = 27, a_n = \frac{1}{243}$ ，可得
 $\frac{1}{243} = 27 \cdot q^7$ 。
 又由 $q < 0$ ，可得
 $q = -\frac{1}{3}$ 。
 于是当 $n=8$ 时，
 $S_n = \frac{27 [1 - (-\frac{1}{3})^8]}{1 - (-\frac{1}{3})} = \frac{1640}{81}$ 。

Figure S20. The Good Model Result and Bad Model Result for Fuzzy Scan Pages.



Figure S21. The Good Model Result and Bad Model Result for Pages with Watermark.

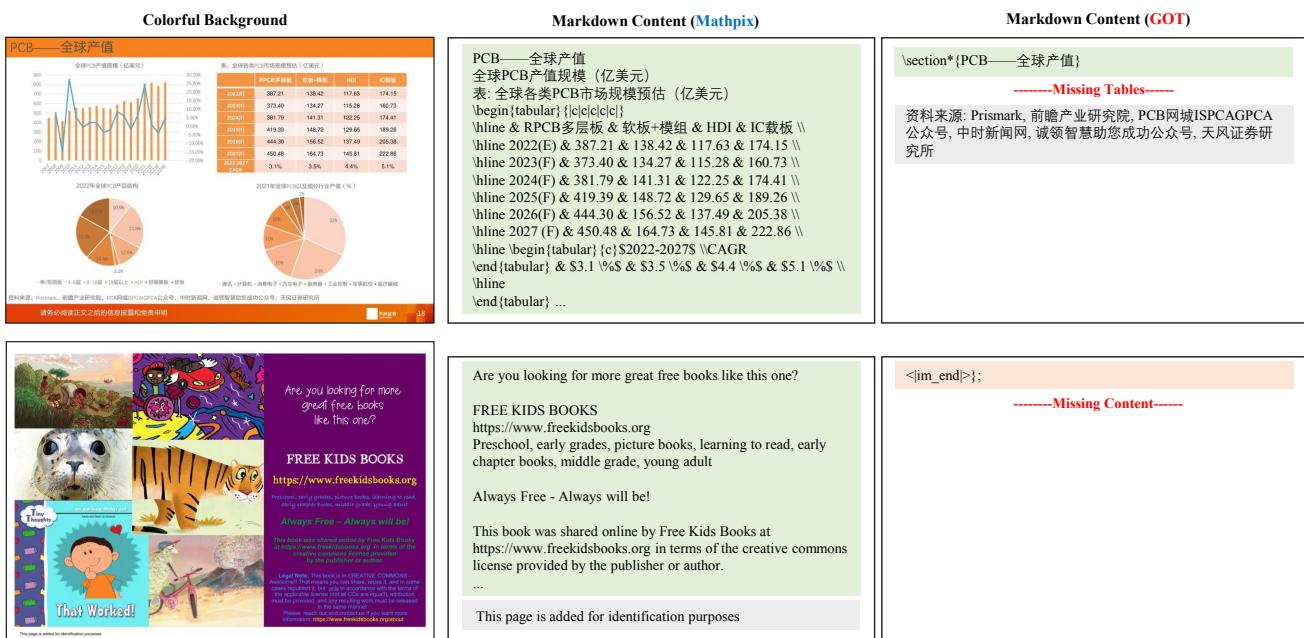


Figure S22. The Good Model Result and Bad Model Result for Colorful Background Pages.

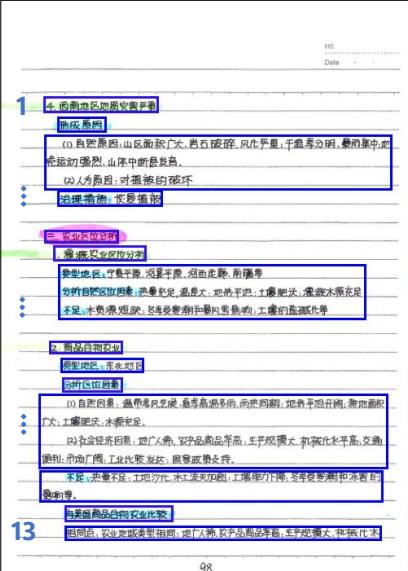
Single Column	Markdown Content (InternVL2)	Markdown Content (MinerU)
 <p>1 本区地质灾害严重 形成原因: (1)自然原因:山区面积广大,岩石破碎,风化平缓;干旱季分明... (2)人为原因:对植被的破坏 治理措施:恢复植被</p> <p>2 地形地势 典型地区:宁南平原,汉水平原,汉江走廊,荆江平原 分析自然区位因素:热量充足,温差大,地形平坦,土壤肥沃,灌溉水充足 不足:水资源短缺,冬季受寒潮和暴风雪影响,土壤的盐碱化等</p> <p>3 农业区位分析 1. 农业区位分析 典型地区:宁夏平原、河套平原、河西走廊、南疆等 分析自然区位因素:热量充足,温差大,地形平坦,土壤肥沃,灌溉水充足 不足:水资源短缺,冬季受寒潮和暴风雪影响,土壤的盐碱化等</p> <p>4 治理措施:恢复植被</p> <p>5 三、农业区位分析</p> <p>6 1. 农业区位分析</p> <p>7 典型地区:东北平原 分析自然区位因素:热量充足,温带季风气候,夏季高温多雨,雨热同期... 不足:热量不足,土地沙化,水土流失加剧,工矿用地下降,冬季... 与美国商品谷物农业比较:</p> <p>8 2. 商品谷物农业</p> <p>9 典型地区:东北地区 分析区位因素: (1)自然因素:温带季风气候,夏季高温多雨,雨热同期... (2)社会经济因素:地广人稀,农产品商品率高,生产规模大... 不足:热量不足,土地沙化,水土流失加剧,工矿用地下降,冬季...</p> <p>10 相同点:农业地域类型相同,地广人稀,农产品商品率高,生产...</p> <p>11 不足:热量不足,土地沙化,水土流失加剧,工矿用地下降,冬季...</p> <p>12 与美国商品谷物农业比较:</p> <p>13 相同点:农业地域类型相同,地广人稀,农产品商品率高,生产...</p>	<p>4. 西南地区地质灾害严重 形成原因: 1 2 3 (1)自然原因:山区面积广大,岩石破碎,风化平缓;干旱季分明... (2)人为原因:对植被的破坏 4 治理措施:恢复植被 5 三、农业区位分析 6 1. 农业区位分析 7 典型地区:宁夏平原、河套平原、河西走廊、南疆等 分析自然区位因素:热量充足,温差大,地形平坦,土壤肥沃,灌溉水充足 不足:水资源短缺,冬季受寒潮和暴风雪影响,土壤的盐碱化等 8 2. 商品谷物农业 9 典型地区:东北地区 分析区位因素: 10 (1)自然因素:温带季风气候,夏季高温多雨,雨热同期... 11 (2)社会经济因素:地广人稀,农产品商品率高,生产规模大... 不足:热量不足,土地沙化,水土流失加剧,工矿用地下降,冬季... 12 与美国商品谷物农业比较: 13 相同点:农业地域类型相同,地广人稀,农产品商品率高,生产...</p>	<p>-----Only Contain Images-----</p> <p>1 2 3 4 5 6 7 8 9 10 11 12 13</p> <p> # 3 农业区位分析 </p>

Figure S23. The Good Model Result and Bad Model Result for Single Column Pages.

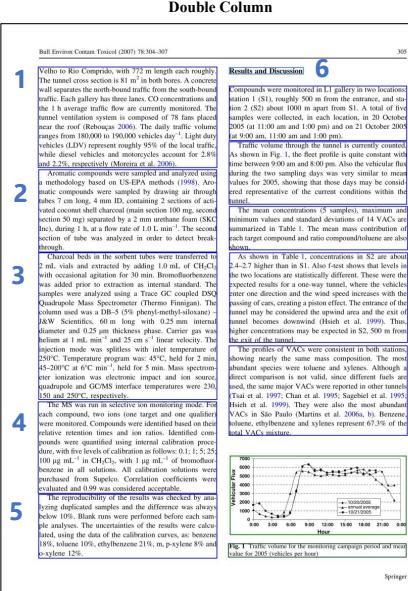
Double Column	Markdown Content (GOT)	Markdown Content (InternVL2)
 <p>1 Velho to Rio Comprido, with 772 m length each roughly. Tunnel cross section is 81 m² in both bore. Concrete wall separates the tunnel from the road surface and traffic. Each gallery has three lanes. CO concentrations and the 1 h average were first measured by the tunnel monitoring system, it is composed of 70 fans placed near the roof (Rebouças 2006). The daily traffic volume ranges from 10,000 to 15,000 vehicles per day. Light-duty vehicles (LDV) represent roughly 95% of the local traffic, while diesel vehicles and motorcycles account for 2.8% and 2.2%, respectively.</p> <p>2 Aromatic compounds were sampled and analyzed using a methodology based on US-EPA methods (1996). Aromatics were collected in 20 glass vials (10 mL each), 10 tubes 7 cm long, 4 mm ID, containing 2 sections of activated carbon shell (charcoal (main section 10 mg second section 10 mg) and 10 charcoal tubes (10 mg each) (Sigma Inc.), during 1 h, at a flow rate of 1.0 L min⁻¹. The second section of tube was analyzed in order to detect breakthrough.</p> <p>3 Charcoal beds in the sorbent tubes were transferred to 2 mL vials and extracted by adding 10 mL of CHCl₃ with sonication for 10 min. The extracts were dried under nitrogen and then dissolved in 250 µL of VAC. The detection limit was 0.05 µg mL⁻¹ methyl-biphenol. J&W Scientific, 60 m long x 0.25 mm internal diameter column with a 0.25 µm film thickness, helium at 1 L min⁻¹ and 25 cm² linear velocity. The injection mode was splitless with inlet temperature of 200°C, detector temperature of 250°C, and a 45–200°C at 6°C min⁻¹, held for 5 min. Mass spectrometer ionization was electronic impact and ion source temperature was 200°C. The mass range was 40–400 m/z and 150 and 250°C, respectively.</p> <p>4 The profiles of the VOCs were measured using GC-MS. Each compound, two ions (one target and one qualifier) were monitored. Compounds were identified based on their relative retention times and ion ratios. Identified compounds were quantified using the external standard method, with five levels of calibration as follows: 0.1, 1, 5, 25, 100 µg mL⁻¹ in CHCl₃. All 1 g mL⁻¹ of bisphenol A (BPA) and 1 g mL⁻¹ of bisphenol A diglycidyl ether (BADGE) purchased from Supelco. Correlation coefficients were evaluated and $p < 0.05$.</p> <p>5 The reproducibility of the results was checked by analyzing duplicate samples and the difference between each sample was less than 10%. All data before each sample analysis. The uncertainties of the results were calculated, using the data of the detection curves, as: benzene 0.9%, toluene 10%, ethylbenzene 21%, m-, p-xylene 8% and o-xylene 12%.</p> <p>6 Results and Discussion</p> <p>7 Compounds were monitored in L1 gallery in two locations: station 1 (S1), roughly...</p> <p>8 Charcoal beds in the sorbent tubes were transferred to 2 mL vials and extracted by adding...</p> <p>9 The MS was run in selective ion monitoring mode. For each compound, two ions (one target and one qualifier)...</p> <p>10 The reproducibility of the results was checked by analyzing...</p> <p>11 The profiles of VACs were consistent in both stations, showing nearly the same mass composition...</p> <p>12 The mean concentrations (5 samples), maximum and minimum values...</p> <p>13 As shown in Table 1, concentrations in S2 are about 2.4–2.7 higher than in S1. Also f-test shows that...</p> <p>14 The profiles of VACs were consistent in both stations, showing nearly the same mass composition...</p>	<p>Markdown Content (GOT)</p> <p>Velho to Rio Comprido, with $\langle 772 \text{ m} \rangle$ length each roughly. The tunnel cross section is...</p> <p>7 8 9 10 11 12 13 14</p> <p>Aromatic compounds were sampled and analyzed using a methodology based on US-EPA methods...</p> <p>2 Charcoal beds in the sorbent tubes were transferred to $\langle 2 \text{ mL} \rangle$ vials and extracted by adding...</p> <p>3 The MS was run in selective ion monitoring mode. For each compound, two ions (one target and one qualifier)...</p> <p>4 The reproducibility of the results was checked by analyzing...</p> <p>5 The profiles of VACs were consistent in both stations, showing nearly the same mass composition...</p> <p>6 Compounds were monitored in L1 gallery in two locations: station 1 (S1), roughly...</p> <p>7 Charcoal beds in the sorbent tubes were transferred to 2 mL vials and extracted by adding...</p> <p>8 The MS was run in selective ion monitoring mode. For each compound, two ions (one target and one qualifier)...</p> <p>9 The profiles of VACs were consistent in both stations, showing nearly the same mass composition...</p> <p>10 The mean concentrations (5 samples), maximum and minimum values...</p> <p>11 The profiles of VACs were consistent in both stations, showing nearly the same mass composition...</p> <p>12 The mean concentrations (5 samples), maximum and minimum values...</p> <p>13 As shown in Table 1, concentrations in S2 are about 2.4–2.7 higher than in S1. Also f-test shows that...</p> <p>14 The profiles of VACs were consistent in both stations, showing nearly the same mass composition...</p>	<p># Bull Environ Contam Toxicol (2007) 78:304–307</p> <p>-----Missing Paragraphs-----</p> <p>6 7 8 9 10 11 12 13 14</p> <p>Compounds were monitored in L1 gallery in two locations: station 1 (S1), roughly...</p> <p>Traffic volume through the tunnel is currently counted. As shown in Fig. 1, the fleet...</p> <p>The mean concentrations (5 samples), maximum and minimum values...</p> <p>As shown in Table 1, concentrations in S2 are about 2.4–2.7 higher than in S1. Also f-test shows that...</p> <p>The profiles of VACs were consistent in both stations, showing nearly the same mass composition....</p> <p>The reproducibility of the results was checked by analyzing...</p> <p>```html <table> <tr> <th>Section</th> <th>Content</th> </tr> <tr> <td>Results and Discussion</td> <td>The mean concentrations (5 samples), maximum and minimum values... <p>5 ?</p> </p>

Figure S24. The Good Model Result and Bad Model Result for Double Column Pages.

Three Column		Markdown Content (Qwen2-VL)		Markdown Content (InterVL2)	
1	Federal Register / Vol. 81, No. 194/Thursday, October 6, 2016/Rules and Regulations	Based on our review of the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. This is because the Service has determined that the significance criterion of the DPS Policy is not met, and the Service has determined that it is valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	2	69428/Federal Register / Vol. 81, No. 194/Thursday, October 6, 2016/Rules and Regulations	1&2
2	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	3	[Funding]Based on our review of the best available ...	3
3	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	4	[Arkansas Darter (Etheostoma cragini)]As a result of the Service's 2011 multistate litigation settlement with the Center for Biological Diversity and WildEarth, the Service has determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	4 3
4	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	5	[Previous Federal Actions]The Arkansas darter was first identified as a candidate species for listing under the Act in 1989. In 2002, we	5&6
5	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	6	Arkansas Darter (Etheostoma cragini)changed the LPN from 5 to 11 (67 FR 40657), June 13, 2002. On May 11, 2004,...	6&7&8
6	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	7	[Background]The Arkansas darter (Etheostoma cragini) is a small fish in the perch family (Percidae) native ...southwest Missouri, and southeast Colorado.	9 10
7	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	8	Status Review/The Arkansas darter is currently considered to be extant a total of 80 populations ...	12 11
8	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	9	In completing our status review for the Arkansas darter, we reviewed the best available ...	13
9	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	10	development, confined-animal feeding operations, dams and reservoirs, salt cedar invasion, disease, and predation.]	14-half
10	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	11	[Although localized, negative effects have been observed at all of these stressors (other than ...and species level is minimal.)	14-half
11	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	12	Water depletion is the stressor with the largest potential impact to the Arkansas darter's range.]	15
12	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	13	Water depletion results in decreased reservoirs ...the species has endured over 40 years of groundwater withdrawals in these areas.]	16-half
13	Background	We have determined that the best available scientific and commercial information pertaining to the Act's five listing criteria, we have determined that the Huachuca-Canada population of the Arkansas darter is not warranted for listing under the Act. Therefore, we find that the Huachuca-Canada population of the Arkansas darter does not meet the significance criterion of the DPS Policy and is not valid IUPs under our DPS Policy. As a result, we are denying the petition to list the Huachuca-Canada population of the Arkansas darter under the Act.	14	indicating continued resilience of the ... Over the next 30 years, under our expected scenario, we are likely to see]	16-half&17

Figure S25. The Good Model Result and Bad Model Result for Three Column Pages.

Complex Layout		Markdown Content (GOT)		Markdown Content (MinerU)	
1	练习1 数的运算（一）	练习7 数的运算（一）	1	# 练习7数的运算（一）	1
2	用时： 分 秒 错误： 个	用时： 分 秒 错误： 个	2	# A组常规口算题	3
3	1. 根据加法算式写出两道减法算式。	\section*{A组D常规口算题}	3	12+18= \$0.63+1.4=\$ 1 1 2 3 36 - 9 = 4+2.85= 3 7	4 5 6
4	2. 根据减法算式写出一道减法算式和一道加法算式。	\(12+18=)	4	30 + 25 = 6.52 - 4 = 10 10 28+9= 20 - 6.34 = 1- 2 13	
5	3. 根据减法算式写出一道减法算式和一道加法算式。	\(36-9=)	5	45-30 = 9.2+1.8 = 1 7 + 8400 - 8000 = 8 8 12 48-0.48=	
6	4. 根据加法算式写出两道减法算式。	\(91-28 \approx\)	6	9 + 36 = 89 19 32 - 1.5 = 65 - 6 = 10+4.58= 2	
7	5. 根据加法算式写出两道减法算式。	\(0.63+1.4=)	7	32-21= 5 7.21 + 2.79 = 3 1 20 + 40 = 4 2 12-7.5=	
8	6. 根据加法算式写出两道减法算式。	\(4.6-1.7=)	8	100 + 60 = 11 1 15 - 9 = 3.5+2.6 12 12	
9	7. 根据加法算式写出两道减法算式。	\(1.21+0.79=)	9	46 + 18 = 4.6-0.68 1-4 12 300 + 20 = 8.1+0.9 = 3 1 5 5	
10	8. 根据加法算式写出两道减法算式。	\(12.48-0.48=)	10	81-22≈ 32 -1.8= 1 1 91 - 28= 6 -1.7= 3 5	10
11	9. 根据加法算式写出两道减法算式。	\(9.2+1.8=)	11	--Merged Three Column to One--	
	10. 根据加法算式写出两道减法算式。	\(12.48-0.48=)		# B组D变式口算题	7
	11. 根据加法算式写出两道减法算式。	\(1.21+0.79=)		1. 根据加法算式写出两道减法算式。	8
	12. 根据减法算式写出一道减法算式和一道加法算式。	\(12.48-0.48=)		\\$120+58=178\\$ \$98+49=147\\$	9
	13. 根据减法算式写出一道减法算式和一道加法算式。	\(1.21+0.79=)		2. 根据减法算式写出一道减法算式和一道加法算式。	10
	14. 根据减法算式写出一道减法算式和一道加法算式。	\(1.21+0.79=)		\\$310-150=160\\$ 152-58=94	11

Figure S26. The Good Model Result and Bad Model Result for Complex Layout Pages.

Chinese	Markdown Content (MinerU)	Markdown Content (InternVL2)
<p>办公</p> <p>宏观经济环境对办公资产的影响仍在持续，全球空置率达到两位数。利率上调抬高了收购和建设的债务成本，并对潜在回报率造成下行压力。随着建筑物等级成为获得资本和提升资产财务表现越来越重要的决定因素，短期内融资将面临更大挑战。</p> <p>我们预计，在包括部分亚洲重点城市、地段优越以及现代化和高质量建筑群所在的地区，办公资产需求将保持旺盛，并购交易也将最为活跃。尽管到目前为止，大多数地方员工回归办公室工作的速度慢于预期，但业主们依然对日益增长的回归趋势抱有信心。</p> <p>在欧洲，建筑物按規定必须达到一定能效，这一法规调整刺激了市场对优质资产的需求。例如，从2023年（荷兰）和2030年（英国）起，办公楼必须拥有能源绩效证书（EPC）C级或以上。随着越来越多的公司致力于实现去碳化，提出明确的净零目标，出租方也做出相应调整，因此，对于采用绿色科技、配备专门设施以改善租户体验的新型办公空间的需求随之上升。</p>	<p># 办公</p> <p>宏观经济环境对办公资产的影响仍在持续，全球空置率达到两位数。利率上调抬高了收购和建设的债务成本，并对潜在回报率造成下行压力。随着建筑物等级成为获得资本和提升资产财务表现越来越重要的决定因素，短期内融资将面临更大挑战。</p> <p>我们预计，在包括部分亚洲重点城市、地段优越以及现代化和高质量建筑群所在的地区，办公资产需求将保持旺盛，并购交易也将最为活跃。尽管到目前为止，大多数地方员工回归办公室工作的速度慢于预期，但业主们依然对日益增长的回归趋势抱有信心。</p> <p>在欧洲，建筑物按規定必须达到一定能效，这一法规调整刺激了市场对优质资产的需求。例如，从2023年（荷兰）和2030年（英国）起，办公楼必须拥有能源绩效证书（EPC）C级或以上。随着越来越多的公司致力于实现去碳化，提出明确的净零目标，出租方也做出相应调整，因此，对于采用绿色科技、配备专门设施以改善租户体验的新型办公空间的需求随之上升。</p>	<p>## 办公</p> <p>宏观经济环境对办公资产的影响仍在持续，全球空置率达到两位数。利率上调将提高了改建或建设的债务成本，并对潜在回报率造成下行压力。随着政策收紧，政府收紧的财政政策将导致经济放缓，短期内资本市场面临更大的挑战。</p> <p>我们预计，在地区部分亚洲重点城市，地段优越以及现代化和质量建筑的办公资产将成为活跃。尽管到目前为止，大多数地区的员工已返回办公室工作的速度慢于预期，但尽管理解的需求仍然强劲。</p> <p>在欧洲，建筑物 规定 必须达到一定能效，这一法规调整刺激了市场对优质资产的需求。例如，从2023年（荷兰）和2030年（英国）起，办公楼必须达到A级或B级能效认证，EPIC (英国) 和Sofidy (法国) 等公司致力于实现去碳化，提出明确的净零目标，出租方也做出相应调整。因此，对于采用绿色科技、配置专门设施以改善建筑体验的新型办公空间的需求随之上升。</p>

Figure S27. The Good Model Result and Bad Model Result for Text Language in Chinese.

English	Markdown Content (Mathpix)	Markdown Content (InternVL2)
<p>DIGITIZED LUMINANCE OF THE EMPTY RAT URETER</p> <pre>\begin{array}{l} \text{\begin{array}{l}} H=7.2 \text{ text \{ Points \} \\ I=8.8 \text{ \text{text \{ Units \} \\ \end{array}} \\ \end{array}</pre> <p>TOTAL BOLUS PROFILE (2)</p> <pre>\# \# \# 13 \# 30 \\ \# - I = 7.2 Points \\ \# - I = 8.8 Units</pre> <p>BOLUS PROFILE IN PROXIMAL URETER</p> <pre>\# \# \# 10 \# 30 \\ \# - I = 7.2 Points \\ \# - I = 8.8 Units</pre> <p>DIGITIZED LUMINANCE OF THE EMPTY RAT URETER</p> <pre>\# \# \# 20 \\ \# - I = 7.2 Points \\ \# - I = 8.8 Units</pre> <p>LOW DIURESIS</p> <pre>\# \# \# 2 \# 30 \\ \# - H = 9.0 Points \\ \# - I = 11.6 Units</pre> <p>LOW DIURESIS</p> <pre>\# \# \# 28 \# 30 \\ \# - H = 7.2 Points \\ \# - I = 8.8 Units</pre> <p>MISS Figue 3 caption</p> <p>Fig. 4. Time-distance diagram of bolus profiles. X-axis: time in seconds (30 frames (\(=2 \text{ inathrm\{sec\}}\))) ; y-axis: length along ureter in pixels, beginning in the upper ureter (0) down to the lower third (180). The black shaded curve shows the position and length of the bolus at any given point of time. The upper slope indicates the velocity of the trailing end of the bolus (determined by the contraction ring); the lower slope indicates the velocity of the leading end of the bolus. In this example both velocities are almost identical</p> <p>Fig. 2a-c</p> <p>Bolus profiles from rat ureter during low diuresis. Two seconds of recording time were evaluated reading every other frame. From the total of 30 profiles (Fig. 3), a selection of 7 is shown in the figure. Digitized grey levels (y-axis) are plotted against points or pixels in the ureter (x-axis) beginning with the proximal ureter at '$\mathit{mathrm{x}}=0$'. The high luminance readings all along the ureter in a and 'mathbf{c}' indicate the absence of dye before and after a bolus transit. Notice the collection of low grey levels moving from the left (b) to the right part of the curve (d) representing an urine bolus travelling from the proximal to the distal ureter. (Magnification (\(16 \times\)), 1 '$\mathit{mathrm{mm}}=18$' points or pixels)</p> <p>Fig. 3. Three bolus profiles in a three-dimensional presentation</p> <p>Fig. 4</p> <p>Time-distance diagram of bolus profiles. X-axis: time in seconds (30 frames = 2 sec); y-axis: length along ureter in pixels, beginning in the upper ureter (0) down to the lower third (180). The black shaded curve shows the position and length of the bolus at any given point of time. The upper slope indicates the velocity of the trailing end of the bolus (determined by the contraction ring), the lower slope indicates the velocity of the leading end of the bolus. In this example both velocities are almost identical</p>		

Figure S28. The Good Model Result and Bad Model Result for Text Language in English.

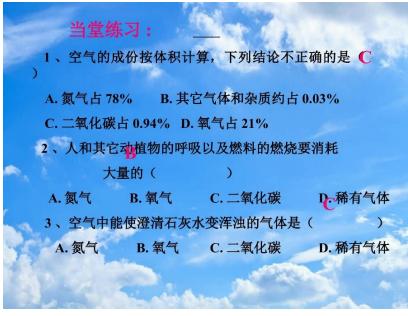
Multi-Colored Background	Markdown Content (Qwen2-VL)	Markdown Content (Marker)
	<p>当堂练习：</p> <p>1、空气的成份按体积计算，下列结论不正确的是 (C) A. 氮气占 78% B. 其它气体和杂质约占 0.03% C. 二氧化碳占 0.94% D. 氧气占 21%</p> <p>2、人和其它动植物的呼吸以及燃料的燃烧要消耗大量的 (B) A. 氮气 B. 氧气 C. 二氧化碳 D. 稀有气体 大量的 () A. 氮气 B. 氧气 C. 二氧化碳 D. 稀有气体</p> <p>3、空气中能使澄清石灰水变浑浊的气体是 (C) A. 氮气 B. 氧气 C. 二氧化碳 D. 稀有气体</p>	<p>当堂练习：</p> <p>1、空气的成份按体积计算，下列结论不正确的是 C A. 氮气占 78% B. 其它气体和杂质约占 0.03% C. 二氧化碳占 0.94% D. 氧气占 21%</p> <p>2、人和其它动植物的呼吸以及燃料的燃烧要消耗大量的(B. 氧气 C. 二氧化碳 A. 氮气 D. 稀有气体)</p> <p>Missing option 3</p>

Figure S29. The **Good** Model Result and **Bad** Model Result for Text with Colorful Background.

Rotate270	Markdown Content (Qwen2-VL)	Markdown Content (Mathpix)
	<p># 陈忠实</p> <p>作品简介 《白鹿原》是由中国作家出版社出版的图书，作者为陈忠实。该书主要讲述了陈忠实的生平和文学创作历程。</p> <p>作者简介 陈忠实，1942年出生于陕西省西安市，中国当代著名作家。他的作品以描写农村生活和人物命运为主，具有深刻的社会意义和人文关怀。</p> <p>主要作品 - 《白鹿原》 - 《秦腔》 - 《白鹿原》 - 《绿房子》 - 《白鹿原》</p> <p>作品风格 陈忠实的作品以其独特的叙事风格和深刻的社会洞察力而著称。他的作品常常通过细腻的描写和深刻的思考，揭示出人性的复杂和社会的变迁。</p> <p>评价与影响 陈忠实的作品在国内外获得了广泛的认可和赞誉。他的小说不仅在文学界产生了深远的影响，也在社会各界引起了广泛的讨论和反思。</p> <p>个人荣誉 陈忠实获得多项文学奖项，包括茅盾文学奖、鲁迅文学奖等。他也被授予了多项荣誉称号，如“中国当代文学大师”等。</p> <p>读者评价 读者们普遍认为陈忠实的作品具有独特的感染力和震撼力，能够引发读者深刻的思考和共鸣。他的作品不仅是文学的瑰宝，也是社会的镜子。</p> <p>书籍信息 - **出版社**：中国作家出版社 - **出版时间**：2022年 - **页数**：1000页 - **页数**：1200页 - **定价**：39.9元</p> <p>购买链接 [点此购买](http://www.amazon.com/)</p> <p>读者评论 “陈忠实的作品让我看到了一个真实的中国，感受到了人性的光辉和黑暗。” — 小明 “陈忠实的小说不仅仅是故事，更是对社会和人生的深刻剖析。” — 小红 “阅读一本陈忠实的作品，都会有不同的感悟和收获。” — 小李</p>	<p>柯达。村南有山，横溢浮华，信息至此皆无，虽有电视，只闻其声，不见其形。 言，以文为媒。 桺，皆志于比卷。</p> <p>十万计。文学富言精情：陈公富矣，年得五百万。又封茅盾公 解是官。后之史丈，或面目可憎，或忌讳车盛，或全无实情，书中人物，全无表情，惟多定论，闻之可笑。</p> <p>一流史书记。 谈史也“铭卷首，用愚深巧。(square)’</p>

Figure S30. The **Bad** Model Result for Text with Rotation.

Three Line Table

企业类型	目的	模式和特点	优势	典型企业
云服务提供商	以物联网为抓手带动上层应用服务业绩增长	目前多以提供底层计算资源、提供应用使能平台为主	在互联网领域中积累了丰富的技术、商业、生态优势经验 底层IaaS能力突出、共性技术能力提炼	阿里云、腾讯云、百度云、亚马逊AWS IoT等
通信领域厂商	获得流量业务收入、战略布局物联网、把握新增市场机遇	多以连接管理、应用使能为平台主要功能服务为主	在连接管理平台具有绝对优势，具有全球通用连接能力	电信运营商、通信设备厂商、中国电信天翼物联、如中国移动ONENet、中国联通物联网平台、华为云IoT等
软件系统服务商	解决内部开发效率的问题、优化产品服务	以应用开发平台为主要服务内容为主	擅长软件设计、生产、管理、运维等服务，具备丰富的行业软件开发及服务经验	紫光云、广联达筑联等
垂直领域传统厂商	利用自身对行业的理解与经验，打造垂直型平台，实现传统企业的转型升级	垂直专业领域的物联网平台	深刻的理解和行业技术、对行业有深度应用，拥有行业数据和客户资源	西门子、工业富联、美的M-Smart等企业
初创企业	看好物联网未来的发展潜能	目前阶段很多初创型平台企业多以SaaS解决方案公司的形式存在	拥有与选定细分行业相关的软件、硬件经验 服务延伸到通用型平台厂商难以触及的细分领域，形成错位竞争	涂鸦智能、云智易、机智云、艾拉物联等

Good Model Result (RapidTable)

企业类型	目的	模式和特点	优势	典型企业
云服务提供商	以物联网为抓手带动上层应用服务业绩增长	在互联网领域中积累了丰富的技术、商业、生态优势经验 底层IaaS能力突出、共性技术能力提炼	阿里云、腾讯云、百度云、亚马逊AWS IoT等	
通信领域厂商	获得流量业务收入、战略布局物联网、把握新增市场机遇	多以连接管理、应用使能为平台主要功能服务为主	在连接管理平台具有绝对优势，具有全球通用连接能力	电信运营商、通信设备厂商、中国电信天翼物联、如中国移动ONENet、中国联通物联网平台、华为云IoT等
软件系统服务商	解决内部开发效率的问题、优化产品服务	以应用开发平台为主要服务内容为主	擅长软件设计、生产、管理、运维等服务，具备丰富的行业软件开发及服务经验	紫光云、广联达筑联等
垂直领域传统厂商	利用自身对行业的理解与经验，打造垂直型平台，实现传统企业的转型升级	垂直专业领域的物联网平台	深刻的理解和行业技术、对行业有深度应用，拥有行业数据和客户资源	西门子、工业富联、美的M-Smart等企业
初创企业	看好物联网未来的发展潜能	目前阶段很多初创型平台企业多以SaaS解决方案公司的形式存在	拥有与选定细分行业相关的软件、硬件经验 服务延伸到通用型平台厂商难以触及的细分领域，形成错位竞争	涂鸦智能、云智易、机智云、艾拉物联等

Bad Model Result (PaddleOCR)

企业类型	目的	模式和特点	优势
云服务提供商	目前多以提供底层计算资源、提供应用使能平台为主	在互联网领域中积累了丰富的技术、商业、生态优势经验 底层IaaS能力突出、共性技术能力提炼	阿里云、腾讯云、百度云、亚马逊AWS IoT等
通信领域厂商	多以连接管理、应用使能为平台主要功能服务为主	在连接管理平台具有绝对优势，具有全球通用连接能力	电信运营商、通信设备厂商、中国电信天翼物联、如中国移动ONENet、中国联通物联网平台、华为云IoT等
软件系统服务商	以应用开发平台为主要服务内容为主	擅长软件设计、生产、管理、运维等服务，具备丰富的行业软件开发及服务经验	紫光云、广联达筑联等
垂直领域传统厂商	垂直专业领域的物联网平台	深刻的理解和行业技术、对行业有深度应用，拥有行业数据和客户资源	西门子、工业富联、美的M-Smart等企业
初创企业	目前阶段很多初创型平台企业多以SaaS解决方案公司的形式存在	拥有与选定细分行业相关的软件、硬件经验 服务延伸到通用型平台厂商难以触及的细分领域，形成错位竞争	涂鸦智能、云智易、机智云、艾拉物联等

Figure S31. The Good Model Result and Bad Model Result for Three Line Frame Table.

Table No Frame

HEX	WINTER	AXIAL TILT	TEMP MINUS	AXIAL TILT	NIGHTTIME	ORBIT ECC	TEMP FOR	LOWEST HEX ROW
ROW	MINUS	FACTOR	IN WINTER	IN WINTER	MINUS	MINUS		
1	-45	0.5	-23	-34	101	0.0	-113	
2	-45	0.75	-34	-45	101	0.0	-130	
3	-45	1	-45	-45	101	0.0	-147	
4	-45	1	-45	-45	101	0.0	-153	
5	-45	1	-45	-45	101	0.0	-159	
6	-45	1	-45	-45	101	0.0	-165	
7	-45	1	-45	-45	101	0.0	-171	
8	-45	1	-45	-45	101	0.0	-177	
9	-45	1	-45	-45	101	0.0	-183	
10	-45	1	-45	-45	101	0.0	-189	
11	-45	1	-45	-45	101	0.0	-195	

Good Model Result (PaddleOCR)

		AXIAL TILT			LOWEST	
HEX	WINTER	AXIAL TILT	TEMP MINUS	NIGHTTIME	ORBIT ECC	TEMP FOR
ROW	MINUS	FACTOR	IN WINTER	MINUS	MINUS	
1	-45	0.5	-23	101	0.0	-113
2	-45	0.75	-34	101	0.0	-130
3	-45	1	-45	101	0.0	-147
4	-45	1	-45	101	0	-153
5	-45	1	-45	101	00	-159
6	-45	1	-45	101	0	-165
7	-45	1	-45	101	0,0	-171
8	-45	1	-45	101	0,0	-177
9	-45	1	-45	101	00	-183
10	-45	1	-45	101	0o	-189
11	-45	1	-45	101	050	-189

Bad Model Result (Qwen2VL-7B)

HEX	WINTER	AXIAL TILT	TILT	TEMP	MINUS	NIGHTTIME	ORBIT ECC	TEMP FOR
ROW	MINUS	FACTOR	IN	WINTER	MINUS			
1	-45	0.5	-23	101	0.0	-113		
2	-45	0.75	-34	101	0.0	-130		
3	-45	1	-45	101	0.0	-147		
4	-45	1	-45	101	0	-153		
5	-45	1	-45	101	00	-159		
6	-45	1	-45	101	0	-165		
7	-45	1	-45	101	0,0	-171		
8	-45	1	-45	101	0,0	-177		
9	-45	1	-45	101	00	-183		
10	-45	1	-45	101	0o	-189		
11	-45	1	-45	101	050	-189		

Figure S32. The Good Model Result and Bad Model Result for No Frame Table.

Good Model Result (StructEqTable)											
Rotate					Strychnine						
Penicillin					Bucaine						
Rotored test	MES test	Pentylentetetralin	Bucaine	Strychnine	ED ₅₀ 95% CI						
TD ₅₀ (mg/kg)	ED ₅₀ (mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
Rufimane	> 500	> 500	> 500	> 500	> 50.12	18-18	> 540	(38.1-49.3)	> 50.23	(23.87)	
Phenoyliron	> 500	1000	15.12	18-18	9.18	10-14	300	no protection	90	no protection	
Phenobarbital	6.51	5.15	1.8	5.12	10	10	6.6	(16.0-30.7)	15	(3.95-15.7)	
Valproate	6.09	6.2	2.1	5.2	21.15	25.5	132	(5.19)	377	(26.47)	
Ethosuximide	4258	(369-450)	272	(247-38)	1486	(123-177)	1.6	> 2.9	55-100%	292.9	(26.12-31.23)
a Maximum protection	4408	(338-485)	1,000	no protection	1303	(111-15)	< 0.4	314	95.9	(1.39)	
b Maximum ADEE	37.5%	50.5%							12.1	1.5	
c ADEE, antiepileptic drug, MES, AED, antiepileptogenic drug, the desired end point in 50% of animals; and PI, protective PI, TD 0.5 to 0.50, and PI, protective index of TD to 0.50.									4590	(350-633)	
d Maximum protection 7.5%.									1.8	< 0.4	
e Maximum protection 0.5%.											
f Maximum antiepileptic drug, MES, maximal electroshock, TD ₅₀ , the dose eliciting evidence of minimal neurotoxicity in 50% of animals, and PI, protective index (ratio of TD ₅₀ to ED ₅₀).											
56.2%											

Error pred: < im_end >;									
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Figure S33. The Good Model Result and Bad Model Result for Rotated Table.

Table Contain Formula

名称	氧化亚铁	氧化铁(俗称铁红)	四氧化三铁(俗称磁性氧化铁)
化学式	FeO	Fe ₂ O ₃	Fe ₃ O ₄
颜色、状态	黑色粉末	红棕色粉末	黑色晶体
铁的价态	+2 价	+3 价	+2、+3 价
水溶性	均不溶于水		
与非氧化性酸反应	FeO+2H ⁺ ====Fe ²⁺ +H ₂ O	Fe ₂ O ₃ +6H ⁺ ====2Fe ³⁺ +3H ₂ O	Fe ₃ O ₄ +8H ⁺ ====Fe ²⁺ +2Fe ³⁺ +4H ₂ O
与 H ₂ 、CO、Al 等反应	FeO+H ₂ $\xrightarrow{\Delta}$ Fe+H ₂ O	Fe ₂ O ₃ +3CO $\xrightarrow{\text{高温}}$ 2Fe+3CO ₂	3Fe ₃ O ₄ +8Al $\xrightarrow{\text{高温}}$ 9Fe+4Al ₂ O ₃

Good Model Result (Qwen2VL-7B)

名称	氧化亚铁	氧化铁(俗称铁红)	四氧化三铁(俗称磁性氧化铁)
化学式	FeO	Fe O	Fe O
颜色、状态	黑色粉末	红棕色粉末	黑色晶体
铁的价态	+2 价	+3 价	+2、+3 价
水溶性	均不溶于水	均不溶于水	均不溶于水
与非氧化性酸反应	FeO+2H ⁺ ====Fe ²⁺ +H ₂ O	Fe O +6H=2Fe ³⁺ +3H O	Fe O +8H=Fe ²⁺ +2Fe ³⁺ +4H O
与 H、CO、Al 等反应	FeO+H=Fe+H O	Fe O +3CO=2Fe+3CO	3Fe O +8Al=9Fe+4Al O

Bad Model Result (InternVL2-8B)

名称	氧化亚铁	氧化铁(俗称铁红)	四氧化三铁(俗称磁性氧化铁)	化学式	颜色、状态	铁的价态
水溶性				FeO	黑色粉末	+2 价
与非氧化性酸反应	FeO + 2H ⁺ = Fe ²⁺ + H ₂ O	Fe ₂ O ₃ + 6H ⁺ = 2Fe ³⁺ + 3H ₂ O	Fe ₃ O ₄ + 8H ⁺ = Fe ²⁺ + 2Fe ³⁺ + 4H ₂ O	Fe ₂ O ₃	红棕色粉末	+3 价
与 H ₂ 、CO、Al 等反应	FeO + H ₂ = Fe + H ₂ O	Fe ₂ O ₃ + 3CO = 2Fe + 3CO ₂	3Fe ₃ O ₄ + 8Al = 9Fe + 4Al ₂ O ₃	Fe ₃ O ₄	黑色晶体	+2、+3 价
						均不溶于水
						高温

Figure S34. The Good Model Result and Bad Model Result for Table with Formula.