

Dataset	Task	Resource	Metric	Size
Surgical Steps Organization (SSO)	Reasoning	Medical Case	Kendall's Tau	472
Description				
Block out key procedural steps in surgery and task LLMs with deducing their proper sequence through logical reasoning.				
Design Rationale				
This task measures the LLMs' ability to reason through a surgical procedure logically, which is vital for medical education and assisting in surgical planning.				
Example				
Prompt	<p>你是一位主治医师，你擅长进行各种科室的手术，并清晰地了解各个手术的一般施展步骤。\\n 接下来我将提供一个现实病例记录的手术步骤，但其中部分步骤的顺序被遮挡了。..... 你需要利用你的医学知识，给出遮挡文本中步骤填入缺失手术步骤中的正确顺序，并给出相应解释。..... \\n 以下是手术案例。</p> <p>You are a attending physician, skilled in various departmental surgeries, and have a clear understanding of the general procedural steps for each surgery. \\n Next, I will provide you with the surgical steps from a real case record, but some steps have been obscured. ... You need to use your medical knowledge to fill in the missing surgical steps in the obscured text with the correct sequence, and provide corresponding explanations. ... \\n Below is the surgical case.</p>			
Input	<p>## 手术名称: 直肠乙状结肠部分切除术\\n## 手术步骤: 1. 取平卧位气静麻下常规消毒铺巾。\\n2.5 孔法建立气腹术中所见如上。\\n3.____ \\n4..... \\n## 遮挡文本: A: 经肛门置入管状吻合器行直肠乙结肠端端吻合。\\nB: 远端直肠距肿块 3cm 处切断。.....</p> <p>##Surgery Name: Partial Rectosigmoidectomy \\n##Surgical Steps: 1. Place the patient in a supine position, administer routine disinfection, and drape the surgical area. \\n2. Establish pneumoperitoneum using the 5-hole method, as described above. \\n3. ____ \\n4. ... \\n##Obscured Text: A: Insert a tube-shaped anastomotic device through the anus to perform end-to-end anastomosis of the rectum and sigmoid colon. \\nB: Cut the distal rectum 3 cm away from the tumor mass. ...</p>			
Reference	DCBA			