






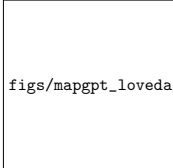
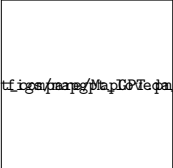

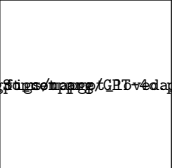







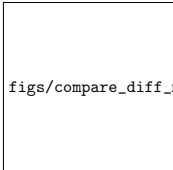

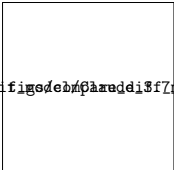
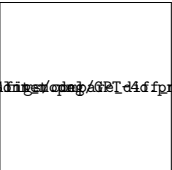


Table 1: Comparison of layout generation capabilities on LovaDA and Wild datasets.

Fixed-Height Layout Generation with Textual Instructions							
Instruction	<b>Layout Instruction:</b> The map displays a mix of land cover types with farmlands occupying the central area, interspersed with buildings. Roads traverse the farmlands and a few buildings are clustered near the center. Bodies of water are mainly on the right, with one extending towards the upper section. Forested regions are on the left, while barren land is scattered throughout, predominantly on the right.						
Legend	 Grassland	 Forest	 Farmland	 Water	 Road	 Building	 Barren
Generated Layout							
	LatticeWorld	Claude 3.7 Sonnet	GPT-4o	DeepSeek-R1			

Variable-Height Layout Generation with Multimodal Instructions					
Instruction	<b>Layout Instruction:</b> The map shows a large area of snow-capped terrain dominating the right side, extending from the upper to the lower regions. Surrounding this, especially concentrated on the left from upper to lower, are regions indicative of low vegetation or grasslands, with patches interspersed throughout the central and right areas, creating a mixed landscape.				
					
Legend	 Grassland	 Forest	 Rocky	 Water	 Snow
Generated Layout					
	LatticeWorld	Claude 3.7 Sonnet	GPT-4o	Qwen2-VL-Max	