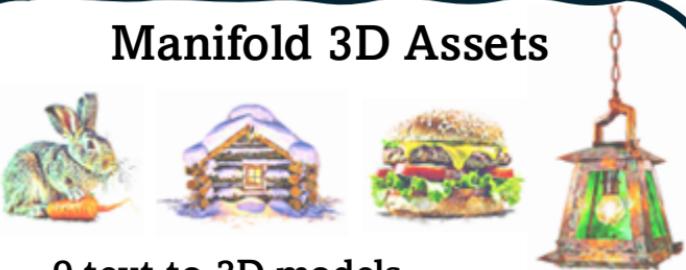


Large Prompt Set

- 4 difficulty scenarios
- 6 basic subjects
- 270+ distinct categories
- 500+ text prompts
- 500+ image prompts

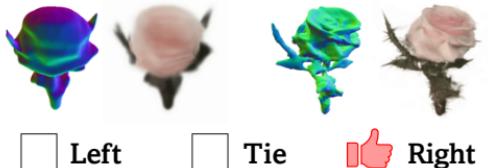
Manifold 3D Assets



- 9 text-to-3D models
- 13 image-to-3D models
- 11,220 generated 3D assets

Human Preference

3DGen-Arena



Multi-dim Criteria

- 1) Geometry Plausibility
- 2) Geometry Details
- 3) Texture Quality
- 4) Geo.-Tex. Coherence
- 5) Prompt-Asset Alignment

3DGen-Bench

Large-Scale Annotations

- 58k+ battle pairs
- 68k+ preference votes
- 56k+ score annotations

Human Evaluation

Leaderboard

Text-to-3D
MVDream
...

Image-to-3D
Wonder3D
...



Automatic Evaluation

- CLIP-based 3DGen-Score Model
- MMLM-based 3DGen-Eval Model



High human preference alignment