

| Model                                  | Bar         | Scatter     | Area        | Radar       | Box         | Line        | 3d          | Density     | Hist        | Avg.        |
|----------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Proprietary</b>                     |             |             |             |             |             |             |             |             |             |             |
| <b>Gemini-3-Pro</b>                    | <b>97.2</b> | <b>97.3</b> | <b>93.1</b> | <b>94.7</b> | <b>98.2</b> | <b>86.0</b> | <b>78.7</b> | <b>97.9</b> | <b>95.3</b> | <b>93.2</b> |
| GPT-5.2                                | 86.9        | 82.7        | 74.1        | 77.2        | 76.4        | 64.0        | 70.2        | 80.9        | 72.1        | 76.1        |
| Seed1.6-VL                             | 67.3        | 80.0        | 58.6        | 61.4        | 69.1        | 52.0        | 42.6        | 59.6        | 67.4        | 62.0        |
| Claude-Sonnet-4.5                      | 52.3        | 62.7        | 65.5        | 59.6        | 56.4        | 40.0        | 42.6        | 59.6        | 44.2        | 53.7        |
| <b>Open-Source LMMs (thinking)</b>     |             |             |             |             |             |             |             |             |             |             |
| MiMo-VL-SFT                            | 43.9        | 53.3        | 43.1        | 49.1        | 45.5        | 42.0        | 34.0        | 38.3        | 39.5        | 43.2        |
| Qwen3-VL-30B                           | 37.4        | 32.0        | 32.8        | 17.5        | 38.2        | 18.0        | 6.4         | 40.4        | 32.6        | 28.4        |
| MiMo-VL-RL                             | 18.7        | 41.3        | 25.9        | 21.1        | 32.7        | 18.0        | 27.7        | 25.5        | 30.2        | 26.8        |
| LLaVA-Critic-R1                        | 5.6         | 9.3         | 10.3        | 1.8         | 5.5         | 6.0         | 4.3         | 6.4         | 4.7         | 6.0         |
| ThinkLite-VL-7B                        | 0.0         | 6.7         | 1.7         | 3.5         | 9.1         | 4.0         | 10.6        | 8.5         | 9.3         | 5.9         |
| <b>Open-Source LMMs (non-thinking)</b> |             |             |             |             |             |             |             |             |             |             |
| Qwen2-VL-7B                            | 15.0        | 12.0        | 32.8        | 7.0         | 14.5        | 18.0        | 0.0         | 12.8        | 9.3         | 13.5        |
| Qwen2-VL-72B                           | 44.9        | 50.7        | 34.5        | 24.6        | 29.1        | 30.0        | 23.4        | 29.8        | 39.5        | 34.1        |
| DeepSeek-VL                            | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| Qwen2.5-VL-7B                          | 2.8         | 5.3         | 3.4         | 0.0         | 1.8         | 0.0         | 2.1         | 8.5         | 9.3         | 3.7         |
| Qwen2.5-VL-72B                         | 61.7        | 66.7        | 58.6        | 45.6        | 54.5        | 40.0        | 61.7        | 53.2        | 62.8        | 56.1        |
| GLM-4V                                 | 37.4        | 47.0        | 38.8        | 25.0        | 25.5        | 29.3        | 19.5        | 17.0        | 34.3        | 30.4        |
| MiMo-VL-SFT (NoThink)                  | 36.4        | 69.3        | 41.4        | 36.8        | 36.4        | 46.0        | 27.7        | 57.4        | 39.5        | 43.4        |
| MiMo-VL-RL (NoThink)                   | 34.6        | 60.0        | 34.5        | 26.3        | 29.1        | 34.0        | 31.9        | 46.8        | 51.2        | 38.7        |
| Kimi-VL                                | 37.4        | 34.7        | 37.9        | 42.1        | 30.9        | 32.0        | 21.3        | 36.2        | 25.6        | 33.1        |
| InternVL2.5-38B                        | 19.6        | 28.0        | 15.5        | 10.5        | 34.5        | 14.0        | 19.1        | 10.6        | 20.9        | 19.2        |
| InternVL2.5-8B                         | 14.0        | 16.0        | 5.2         | 31.6        | 18.2        | 8.0         | 21.3        | 2.1         | 18.6        | 15.0        |
| Molmo                                  | 5.6         | 5.3         | 3.4         | 1.8         | 9.1         | 12.0        | 10.6        | 12.8        | 7.0         | 7.5         |
| Molmo2                                 | 24.3        | 20.0        | 17.2        | 33.3        | 21.8        | 26.0        | 19.1        | 19.1        | 34.9        | 24.0        |
| Qwen3-VL-8B                            | 55.1        | 58.7        | 41.4        | 36.8        | 43.6        | 20.0        | 21.3        | 40.4        | 25.6        | 38.1        |
| Qwen3-VL-32B                           | 79.4        | 81.3        | 65.5        | 64.9        | 69.1        | 64.0        | 31.9        | 76.6        | 55.8        | 65.4        |
| InternVL3.5-8B                         | 9.3         | 16.0        | 10.3        | 15.8        | 21.8        | 14.0        | 21.3        | 12.8        | 14.0        | 15.0        |
| InternVL3.5-38B                        | 56.1        | 53.3        | 41.4        | 64.9        | 38.2        | 38.0        | 42.6        | 38.3        | 34.9        | 45.3        |
| <b>Average</b>                         | <b>36.3</b> | <b>41.9</b> | <b>34.1</b> | <b>32.8</b> | <b>35.0</b> | <b>29.0</b> | <b>26.6</b> | <b>34.3</b> | <b>33.8</b> | <b>33.8</b> |