🤔 **Allowing agent interactions align with various simulation objectives**
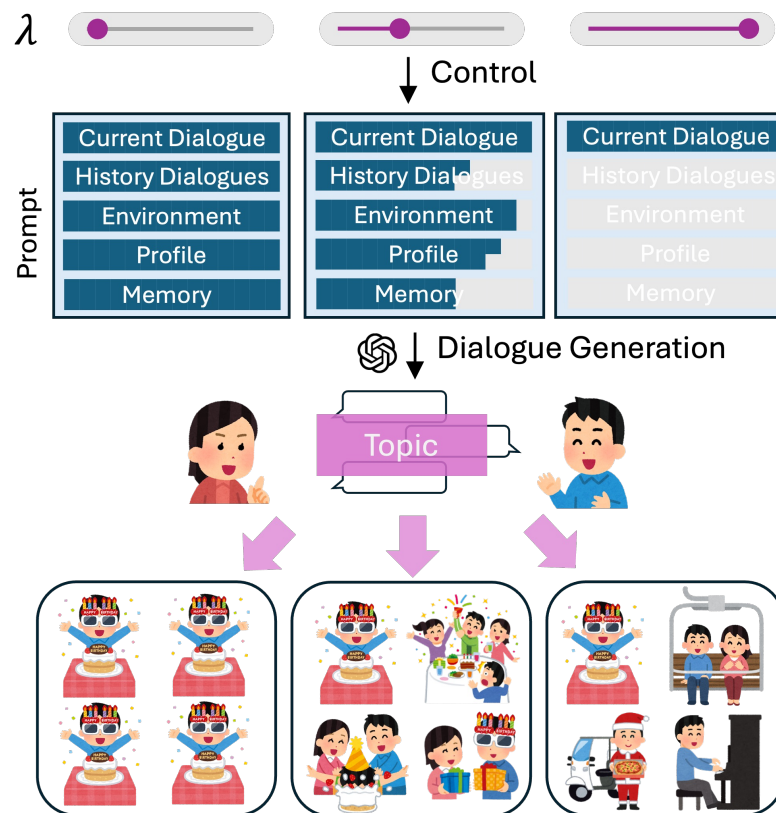
Diversity ↓: stable, stick to main story
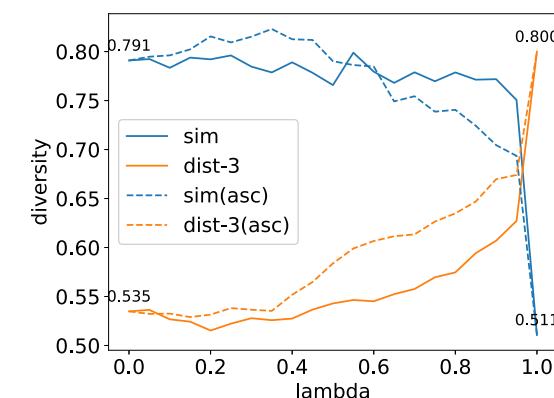

Diversity ↑: varied, engaging experience

Image from
https://www.gamesradar.com/mario-vs-bowser-video/
https://www.mariowiki.com/Toad_(species)

🚧 **Adaptive Prompt Pruning: control diversity by λ based on attention score**

λ

Control

| Prompt |
| Current Dialogue |
| History Dialogues |
| Environment |
| Profile |
| Memory |

↓ Dialogue Generation

Topic

✅ **More effective than (and compatible with) temperature and top-p**

	config	sim (↓)	dist-1	dist-2	dist-3 (↑)	len
Full	default	0.791	0.095	0.350	0.535	39.9
APP	default	**0.771**	**0.107**	**0.393**	**0.594**	38.4
Full	T=1.0	0.791	0.103	0.381	0.578	40.1
APP	T=1.0	**0.778**	**0.113**	**0.419**	**0.634**	38.7
Full	p=0.99	0.800	0.102	0.375	0.569	40.0
APP	p=0.99	**0.776**	**0.111**	**0.414**	**0.624**	38.4
Full	sequential	**0.634**	0.197	0.524	0.695	21.9
APP	sequential	0.645	**0.216**	**0.563**	**0.740**	21.3