

Exp. Recreation

Low Score Recreation							
	arm	eyes	feet	hand	head	leg	body
arm	0	58	57	37	41	34	49
eyes	58	0	53	44	42	62	49
feet	57	53	0	49	49	48	54
hand	37	44	49	0	37	46	43
head	41	42	49	37	0	49	41
leg	34	62	48	46	49	0	49
body	49	49	54	43	41	49	0

Avg Score Recreation							
	bag	bee	burger	feast	office	shoes	tree
bag	0	72	72	82	67	49	65
bee	72	0	80	80	75	82	56
burger	72	80	0	65	74	83	77
feast	82	80	65	0	83	85	71
office	67	75	74	83	0	68	64
shoes	49	82	83	85	68	0	76
tree	65	56	77	71	64	76	0

High Score Recreation							
	hippo	jumper	machinery	prickle	tickets	tomato	violin
hippo	0	86	97	89	90	91	97
jumper	86	0	95	102	92	91	89
machinery	97	95	0	110	86	84	89
prickle	89	102	110	0	109	96	102
tickets	90	92	86	109	0	87	81
tomato	91	91	84	96	87	0	92
violin	97	89	89	102	81	92	0

GPT4-o

GPT4 - Random #1							
	Galaxy	Whisper	Aurora	Timber	Cascade	Echo	Phoenix
Galaxy	0	89	70	93	84	78	62
Whisper	89	0	89	84	81	53	85
Aurora	70	89	0	86	61	71	48
Timber	93	84	86	0	76	78	82
Cascade	84	81	61	76	0	64	72
Echo	78	53	71	78	64	0	73
Phoenix	62	85	48	82	72	73	0

GPT4 - Random #2							
	Nimbus	Breeze	Quartz	Ember	Canyon	Orchid	Ripple
Nimbus	0	80	86	87	86	88	94
Breeze	80	0	85	83	73	73	68
Quartz	86	85	0	89	79	79	83
Ember	87	83	89	0	85	90	84
Canyon	86	73	79	85	0	81	77
Orchid	88	73	79	90	81	0	86
Ripple	94	68	83	84	77	86	0

GPT4 - Random #3 - Semantic Maximisation Prompt							
	Microscope	Desert	Symphony	Volcano	Algorithm	Pyramid	Galaxy
Microscope	0	92	93	86	84	86	79
Desert	92	0	78	64	93	70	78
Symphony	93	78	0	81	93	86	78
Volcano	86	64	81	0	96	66	82
Algorithm	84	93	93	98	0	76	82
Pyramid	86	70	86	66	76	0	77
Galaxy	79	78	78	82	82	77	0

Gemini 1.5 - Flash

Gemini1.5 - Flash - Random #1							
	Zephyr	Serendipity	Obsidian	Quixotic	Ambrosia	Labyrinth	Elysian
Zephyr	0	78	81	89	88	90	69
Serendipity	78	0	90	78	75	86	91
Obsidian	81	90	0	100	78	74	92
Quixotic	89	78	100	0	93	88	92
Ambrosia	88	75	78	93	0	96	83
Labyrinth	90	86	74	88	96	0	85
Elysian	69	91	92	92	83	85	0

Gemini1.5 - Flash - Random #2							
	Sanguine	Ephemeral	Intrepid	Serene	Melancholy	Euphoria	Enigma
Sanguine	0	76	96	74	62	77	87
Ephemeral	76	0	96	71	69	77	80
Intrepid	98	96	0	93	93	92	83
Serene	74	71	93	0	56	79	86
Melancholy	62	69	93	56	0	65	70
Euphoria	77	77	92	79	65	0	76
Enigma	87	80	83	86	70	76	0

Gemini1.5 - Flash - Random #3 - Semantic Maximisation Prompt							
	Quantum	Renaissance	Oligarchy	Serendipity	Melancholia	Euphoria	Enigma
Quantum	0	80	103	76	88	77	66
Renaissance	80	0	90	85	94	84	80
Oligarchy	103	90	0	104	93	94	99
Serendipity	76	85	104	0	88	75	86
Melancholia	88	94	93	88	0	73	86
Euphoria	77	84	94	75	73	0	76
Enigma	66	80	99	86	86	76	0

Experiment Name	Overall DAT Score	Benchmark	Score
Low Score Recreation	47.16	MMLU	GPT4-o 88.7
Avg Score Recreation	93.17		Gemini 1.5 - Flas 78.9
High Score Recreation	72.61		
GPT4-o - Random #1	75.24	MATH	GPT4-o 76.6
GPT4-o - Random #2	82.65		Gemini 1.5 - Flas 54.9
GPT4-o - Random #3 - Semantic Max	81.91	GPQA	GPT4-o 53.6
			Gemini 1.5 - Flas 39.5
Gemini1.5 - Flash - Random #1	85.67		
Gemini1.5 - Flash - Random #2	79.04		
Gemini1.5 - Flash - Random #3 - Serr	85.68		