					D	RD2	2 - 5	Sam	ple	lim	it										ORD)2 -	Tin	ne I	imit					
LSTM-HC - 0	0.6	.7 0	.62	0.54	0.5	0.41	0.45	0.41	0.45	0.4	0.35	0.34	0.33	0.36	0.33	- 0.88	0.66	0.66	0.57	0.56	0.52	0.56	0.6	0.49	0.46	0.46	0.46	0.45	0.45	0.45
AugmentedHC - 0	0.7 0.	95 0	.85	0.76	0.71	0.6	0.63	0.59	0.57	0.58	0.52	0.51	0.49	0.53	0.49	- 0.66	0.95	0.99	0.79	0.93	0.68	0.77	0.87	0.6	0.53	0.51	0.52	0.51	0.51	0.51
Reinvent - 0	.62 0.	85 0	.77	0.7	0.64	0.52	0.57	0.52	0.51	0.5	0.43	0.43	0.4	0.45	0.4	- 0.66	0.99	1	0.82	0.98	0.7	0.8	0.91	0.62	0.54	0.53	0.53	0.52	0.52	0.52
BAR - 0	.54 0.	76 C).7	0.73	0.7	0.56	0.61	0.54	0.64	0.54	0.44	0.43	0.4	0.45	0.4	- 0.57	0.79	0.82	1.1	1.1	0.87	1.1	1.1	0.73	0.58	0.57	0.58	0.55	0.55	0.56
VSMaxMin - 0	0.5 0.	71 0	.64	0.7	0.65	0.57	0.65	0.57	0.54	0.55	0.42	0.41	0.37	0.44	0.37	- 0.56	0.93	0.98	1.1		0.87	1.1	1.1	0.76	0.67	0.66	0.67	0.65	0.65	0.66
AugMemory - 0	.41 0	.6 0	.52	0.56	0.57	0.76	0.78	0.8	0.78	0.84	0.56	0.56	0.46	0.65	0.46	- 0.52	0.68	0.7	0.87	0.87	0.91	1	0.94	0.72	0.52	0.49	0.5	0.46	0.46	0.48
GraphGA - 0	.45 0.	63 0	.57	0.61	0.65	0.78	0.81	0.79	0.84	0.74	0.55	0.53	0.46	0.58	0.46	- 0.56	0.77	0.8	1.1	1.1	1	1.2	1.1	0.83	0.65	0.63	0.65	0.61	0.61	0.62
VSRandom - 0	.41 0.	59 0	.52	0.54	0.57	8.0	0.79	0.9	0.84	1.1	0.7	0.71	0.58	0.83	0.58	- 0.6	0.87	0.91	1.1	1.1	0.94	1.1	1.1	0.78	0.67	0.65	0.66	0.64	0.64	0.65
LSTM-PPO - 0	.45 0.	57 0	.51	0.64	0.54	0.78	0.84	0.84		0.84	0.58	0.63	0.47	0.63	0.47	- 0.49	0.6	0.62	0.73	0.76	0.72	0.83	0.78	0.94	0.64	0.59	0.62	0.54	0.54	0.56
Mimosa - 0	0.4 0.	58 0).5	0.54	0.55	0.84	0.74	1.1	0.84	1.6	1.3	1.2	1	1.5	1	- 0.46	0.53	0.54	0.58	0.67	0.52	0.65	0.67	0.64	1.8	1.3	1.6	0.9	0.9	1.1
SmilesGA - 0	.35 0.	52 0	.43	0.44	0.42	0.56	0.55	0.7	0.58	1.3	0.73	1.1	0.47		0.47	- 0.46	0.51	0.53	0.57	0.66	0.49	0.63	0.65	0.59	1.3	1	1.4	0.54	0.54	0.66
Stoned - 0	.34 0.	51 0	.43	0.43	0.41	0.56	0.53	0.71	0.63		1.1	1.2	0.89		0.78	- 0.46	0.52	0.53	0.58	0.67	0.5	0.65	0.66	0.62	1.6	1.4	1.7	1	1	1.2
Gflownet - 0	.33 0.	49 0).4	0.4	0.37	0.46	0.46	0.58	0.47	1	0.47	0.89	0	0.92	0	- 0.45	0.51	0.52	0.55	0.65	0.46	0.61	0.64	0.54	0.9	0.54	1	0	0	0.95
GflownetDF - 0	.36 0.	53 0	.45	0.45	0.44	0.65	0.58	0.83	0.63	1.5		1.3	0.92	1.3	0.86	- 0.45	0.51	0.52	0.55	0.65	0.46	0.61	0.64	0.54	0.9	0.54	1	0	0	0.55
Mars - 0	.33 0.	49 0	.4	0.4	0.37	0.46	0.46	0.58	0.47	1	0.47	0.78	0	0.86	0	- 0.45	0.51	0.52	0.56	0.66	0.48	0.62	0.65	0.56	1.1	0.66	1.2	0.95	0.55	0.93
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LCTM LIC	70.0	72.0	F0	٥٢٢			β - 9		•			0.42	0.42	0.42	0.4	0.01	0.07	0.72	0.76			•			limi		0.47	0.47	0.40	0.47
LSTM-HC - 0																- 0.91 - 0.87														
AugmentedHC - 0																														
Reinvent - 0																- 0.73														
BAR - 0 VSMaxMin - 0																- 0.76				0.6								0.72		
AugMemory - 0																				1										
GraphGA - 0																														
VSRandom - 0																														
LSTM-PPO - 0																														
Mimosa - 0																														
SmilesGA - 0																														
Stoned - 0	.42 0.	41 0	.34	0.31	0.45	0.56	0.72	0.57	0.75	1.4	0.59		0.41		0.47	- 0.47	0.44	0.53	0.52	0.71	0.44	0.63	0.64	0.51	1.3	1.6	1.6	0.48	0.36	1.3
Gflownet - 0	.43 0.	42 0		0.33	0.48	0.61	0.68	0.6	0.53	0.43	0.3	0.41	0.42	0.37	0.27	- 0.47	0.44	0.52	0.51	0.72	0.42	0.61	0.62	0.47	0.52	0.44	0.48	0.049	0.25	0.27
GflownetDF - 0	.42 0	.4 0	.33	0.3	0.42	0.53	0.65	0.53	0.64	1.5	0.56		0.37	1.8	0.43	- 0.48	0.45	0.54	0.53	0.75	0.46	0.65	0.67	0.55	0.52	0.36	0.36	0.25	0.4	0.3
Mars - 0	0.4 0.	39 0	.31	0.27	0.37	0.44	0.56	0.44	0.46	0.52	0.17	0.47	0.27	0.43	0.11	- 0.47	0.44	0.53	0.51	0.71	0.43	0.62	0.63	0.49	1.1			0.27	0.3	0.88
	1	1	1	'	IN	IK3	- S	ا am	nla	lim	i+	ı	ı	1	1	ı	ı	ı	'	1	INK	3	' Tim	ا م	, mit	1	1	1		ı
LSTM-HC - 0	0.7.0	67 0	43	0.53								0.38	0.37	n 39	0.37	_ 0 91	0.77	0.72	0.67								0.49	0.48	n 48	n 49
AugmentedHC - 0																														
Reinvent - 0		_																												
BAR - 0		-																												
VSMaxMin - 0	.39 0.	51 0	.14	0.53	0.18	0.36	0.25	0.26	0.18	0.29	0.17	0.14	0.11	0.21	0.1	- 0.54	0.59	0.7	0.81		0.87	1.1	1.1	0.71	0.65	0.63	0.64	0.61	0.61	0.62
AugMemory - 0	.42 0.	58 0	.19	0.62	0.36	0.55	0.57	0.55	0.53	0.69	0.47		0.34	0.54	0.34	- 0.61	0.65	0.71	0.79	0.87	0.78	0.9	0.81	0.52	0.44	0.44	0.45	0.42	0.42	0.43
GraphGA - 0	0.4 0.	52 0	.16	0.56	0.25	0.57	0.76	0.81	0.64	0.85	0.6	0.55	0.43	0.64	0.41	- 0.62	0.67	0.73	0.84	1.1	0.9	1.1	1.1	0.76	0.64	0.64	0.65	0.62	0.62	0.63
VSRandom - 0	0.4 0.	53 0	.16	0.57	0.26	0.55	0.81	0.78	0.65	0.99	0.67	0.57	0.47	0.74	0.46	- 0.6	0.63	0.69	0.77	1.1	0.81	1.1	1	0.73	0.61	0.61	0.63	0.59	0.59	0.6
LSTM-PPO - 0	.42 0.	53 0	.15	0.48	0.18	0.53	0.64	0.65		1	0.59	0.7	0.37	0.81	0.33	- 0.51	0.5	0.52	0.55	0.71	0.52	0.76	0.73	0.99	0.7	0.69	0.74	0.59	0.59	0.66
Mimosa - º	.41 0.	54 0	.16	0.57	0.29	0.69	0.85	0.99	1	1.3	0.99	1	0.87	1.5	0.85	- 0.49	0.46	0.47	0.49	0.65	0.44	0.64	0.61	0.7	1.4	1.2	1.6	0.9	0.9	1.2
SmilesGA - 0	.38 0	.5 0	.12	0.51	0.17	0.47	0.6	0.67	0.59	0.99	0.62	0.63	0.49	1	0.47	- 0.49	0.46	0.47	0.49	0.63	0.44	0.64	0.61	0.69	1.2	0.74	1.1	0.5	0.5	0.91
Stoned - 0	.38 0.	49 0	.12	0.5	0.14	0.38	0.55	0.57	0.7	1	0.63	0.6	0.55	1.1	0.47	- 0.49	0.46	0.48	0.5	0.64	0.45	0.65	0.63	0.74	1.6	1.1	1.5	1	1	1.4
Gflownet - 0	.37 0.	48 0	0.1	0.47	0.11	0.34	0.43	0.47	0.37	0.87	0.49	0.55	1	1		- 0.48	0.45	0.46	0.47	0.61	0.42	0.62	0.59	0.59	0.9	0.5	1	0	0	0.75
GflownetDF - 0	.39 0.	51 0	.14	0.53	0.21	0.54	0.64	0.74	0.81	1.5	1	1.1	1	1.5	1	- 0.48	0.45	0.46	0.47	0.61	0.42	0.62	0.59	0.59	0.9	0.5	1	0		0.75
Mars - 0	.37 0.	48 0.	099	0.47	0.1	0.34	0.41	0.46	0.33	0.85	0.47	0.47		1		- 0.49	0.45	0.47	0.48	0.62	0.43	0.63	0.6	0.66	1.2	0.91	1.4	0.75	0.75	0.89
9	<u>, </u>	ر - ر	- JUé	BAR -	√lin –	ory -	GA -	- Mc	PO -	Sa -	GA -	eq -	het -	DF -	Mars -	HC -	HC -	ant -	BAR -	√lin -	ory -	GA -	- mc	PO -	- esi	GA -	eq -	het -	DF -	Mars -
i	STM-H	nea	Keinvent	ď	VSMaxMin	lemo	GraphGA	VSRandom	LSTM-PPO	Mimosa	SmilesGA	Stoned	Gflownet	vnet	Ĭ	LSTM-H	ıtedi	Reinvent	ď	VSMaxMin	lemo	GraphGA	VSRandom	LSTM-PPO	Mimosa	SmilesGA	Stoned	Gflownet	vnet	Ĕ
<u>-</u>	2)	Augmentedar	ž		VSN	AugMemory	Ğ	VSR	LST	_	Sπ	J.	Ğ	GflownetDF		LS	AugmentedHC	Re		VSN	AugMemory	Ğ	VSR	LST	_	Sπ	- *	Ţ	GflownetDF	
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