H. Additional Results of 5 Tasks

GA/Forget Quality	Unlearn A	Unlearn B	Unlearn C	Unlearn D	Unlearn E
Task A	0.38	0.195	0	0	0
Task B		0.22	0.1	0.03	0.1
Task C			0.12	0.1	0.07
Task D				0.06	0.05
Task E					0.17

Table 32. GA's results of forget quality.

GA/Model Utility	Unlearn A	Unlearn B	Unlearn C	Unlearn D	Unlearn E
Task A	0.12	0.02	0	0	0
Task B		0.1	0.008	0	0
Task C			0	0	0.03
Task D				0	0
Task E					0

Table 33. GA's results of model utility.

GD/Forget Quality	Unlearn A	Unlearn B	Unlearn C	Unlearn D	Unlearn E
Task A	0.33	0.115	0.09	0	0
Task B		0.153	0.24	0	0
Task C			0.5	0.03	0.03
Task D				0.01	0.02
Task E					0

Table 34. GD's results of forget quality.

GD/Model Utility	Unlearn A	Unlearn B	Unlearn C	Unlearn D	Unlearn E
Task A	0.14	0.06	0.02	0	0
Task B		0.125	0.158	0	0
Task C			0.34	0	0
Task D				0	0
Task E					0

Table 35. GD's results of model utility.

KL/Forget Quality	Unlearn A	Unlearn B	Unlearn C	Unlearn D	Unlearn E
Task A	0.28	0.11	0	0	0
Task B		0.18	0.005	0	0
Task C			0	0	0.01
Task D				0	0
Task E					0

Table 36. KL's results of forget quality.

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KL/Model Utility	Unlearn A	Unlearn B	Unlearn C	Unlearn D	Unlearn E
Task A	0.123	0.05	0	0	0
Task B		0.116	0	0	0
Task C			0	0	0
Task D				0	0
Task E					0

Table 37. KL's results of model utility.

NPO/Forget Quality	Unlearn A	Unlearn B	Unlearn C	Unlearn D	Unlearn E
Task A	0.42	0.005	0	0	0
Task B		0	0	0	0
Task C			0	0	0
Task D				0	0
Task E					0

Table 38. NPO's results of forget quality.

NPO/Model Utility	Unlearn A	Unlearn B	Unlearn C	Unlearn D	Unlearn E
Task A	0.238	0	0	0	0
Task B		0	0	0	0
Task C			0	0	0
Task D				0	0
Task E					0

Table 39. NPO's results of model utility.

LUMoE/Forget Quality	Unlearn A	Unlearn B	Unlearn C	Unlearn D	Unlearn E
Task A	1	1	1	1	1
Task B		0.95	0.95	0.95	0.95
Task C			0.99	0.99	0.99
Task D				0.96	0.96
Task E					1

Table 40. LUMoE's results of forget quality.

LUMoE/Model Utility	Unlearn A	Unlearn B	Unlearn C	Unlearn D	Unlearn E
Task A	0.93	0.93	0.93	0.93	0.93
Task B		0.88	0.88	0.88	0.88
Task C			0.94	0.94	0.94
Task D				0.91	0.91
Task E					0.97

Table 41. LUMoE's results of model utility.