LSTM - Tanh

Round 1 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	79	11	4	0	33	127	79	48	54	128	0.5940	0.622	0.6077	0.6699
Suicidal Ideation	2	52	0	0	1	55	52	3	22	232	0.7027	0.9455	0.8062	0.9191
Guilty feeling	0	0	18	0	0	18	18	0	11	280	0.6207	1	0.766	0.9644
Sleep problems	0	0	0	4	0	4	4	0	2	303	0.6667	1	0.8	0.9935
Other	52	11	7	2	33	105	33	72	34	170	0.4925	0.3143	0.3837	0.657
Total	133	74	29	6	67	309	186	123	123	1113				

Macro AVG Precision 0.6153 | Macro AVG Recall 0.77636 | Macro AVG F1 0.6727 | Macro AVG acc 0.8408
Macro F1-Score 0.6865

Round 2 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	83	4	0	1	39	127	83	44	72	110	0.5355	0.6535	0.5886	0.6246
Suicidal Ideation	0	55	0	0	0	55	55	0	8	246	0.8730	1	0.9322	0.9741
Guilty feeling	0	0	18	0	0	18	18	0	0	291	1.0000	1	1	1
Sleep problems	0	0	0	4	0	4	4	0	1	304	0.8000	1	0.8889	0.9968
Other	72	4	0	0	29	105	29	76	39	165	0.4265	0.2762	0.3353	0.6278
Total	155	63	18	5	68	309	189	120	120	1116				

Macro AVG Precision 0.7270 | Macro AVG Recall 0.78594 | Macro AVG F1 0.749 | Macro AVG acc 0.8447
Macro F1-Score 0.7553

Round 3 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	56	33	5	2	31	127	56	71	38	144	0.5957	0.4409	0.5067	0.6472
Suicidal Ideation	0	55	0	0	0	55	55	0	64	190	0.4622	1	0.6322	0.7929
Guilty feeling	0	0	18	0	0	18	18	0	9	282	0.6667	1	0.8	0.9709
Sleep problems	0	0	0	4	0	4	4	0	2	303	0.6667	1	0.8	0.9935
Other	38	31	4	0	32	105	32	73	31	173	0.5079	0.3048	0.381	0.6634
Total	94	119	27	6	63	309	165	144	144	1092				

Macro AVG Precision 0.5798 | Macro AVG Recall 0.74914 | Macro AVG F1 0.624 | Macro AVG acc 0.8136
Macro F1-Score 0.6537

Round 4 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	76	20	4	2	25	127	76	51	62	120	0.5507	0.5984	0.5736	0.6343
Suicidal Ideation	0	55	0	0	0	55	55	0	28	226	0.6627	1	0.7971	0.9094
Guilty feeling	0	0	18	0	0	18	18	0	15	276	0.5455	1	0.7059	0.9515
Sleep problems	0	0	0	4	0	4	4	0	2	303	0.6667	1	0.8	0.9935
Other	62	8	11	0	24	105	24	81	25	179	0.4898	0.2286	0.3117	0.657
Total	138	83	33	6	49	309	177	132	132	1104				

Macro AVG Precision 0.5831 | Macro AVG Recall 0.7654 | Macro AVG F1 0.6377 | Macro AVG acc 0.8291
Macro F1-Score 0.6619

Round 5 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	43	42	1	3	38	127	43	84	35	147	0.5513	0.3386	0.4195	0.6149
Suicidal Ideation	1	54	0	0	0	55	54	1	75	179	0.4186	0.9818	0.5869	0.754
Guilty feeling	0	0	17	0	1	18	17	1	6	285	0.7391	0.9444	0.8292	0.9773
Sleep problems	0	0	0	4	0	4	4	0	3	302	0.5714	1	0.7272	0.9903
Other	34	33	5	0	33	105	33	72	39	165	0.4583	0.3143	0.3729	0.6408
Total	78	129	23	7	72	309	151	158	158	1078				

Macro AVG Precision 0.5477 | Macro AVG Recall 0.71582 | Macro AVG F1 0.5871 | Macro AVG acc 0.7955
Macro F1-Score 0.6206

Round 6 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	23	23	14	4	63	127	23	104	13	169	0.6389	0.1811	0.2822	0.6214
Suicidal Ideation	2	50	1	0	2	55	50	5	31	223	0.6173	0.9091	0.7353	0.8835
Guilty feeling	0	0	17	0	1	18	17	1	25	266	0.4048	0.9444	0.5667	0.9159
Sleep problems	0	0	0	4	0	4	4	0	5	300	0.4444	1	0.6153	0.9838
Other	11	8	10	1	75	105	75	30	66	138	0.5319	0.7143	0.6098	0.6893
Total	36	81	42	9	141	309	169	140	140	1096				

Macro AVG Precision 0.5275 | Macro AVG Recall 0.74978 | Macro AVG F1 0.5619 | Macro AVG acc 0.8188
Macro F1-Score 0.6193

Round 7 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	21	51	26	3	26	127	21	106	27	155	0.4375	0.1654	0.24	0.5696
Suicidal Ideation	1	54	0	0	0	55	54	1	68	186	0.4426	0.9818	0.6101	0.7767
Guilty feeling	1	0	12	0	5	18	12	6	51	240	0.1905	0.6667	0.2963	0.8155
Sleep problems	0	0	0	4	0	4	4	0	6	299	0.4000	1	0.5714	0.9806
Other	25	17	25	3	35	105	35	70	31	173	0.5303	0.3333	0.4093	0.6731
Total	48	122	63	10	66	309	126	183	183	1053				

Macro AVG Precision 0.4002 | Macro AVG Recall 0.62944 | Macro AVG F1 0.4254 | Macro AVG acc 0.7631
Macro F1-Score 0.4893

Round 8 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	26	25	6	1	69	127	26	101	28	154	0.4815	0.2047	0.2873	0.5825
Suicidal Ideation	9	36	2	0	8	55	36	19	31	223	0.5373	0.6545	0.5901	0.8382
Guilty feeling	2	0	12	0	4	18	12	6	13	278	0.4800	0.6667	0.5582	0.9385
Sleep problems	0	0	0	4	0	4	4	0	1	304	0.8000	1	0.8889	0.9968
Other	17	6	5	0	77	105	77	28	81	123	0.4873	0.7333	0.5855	0.6472
Total	54	67	25	5	158	309	155	154	154	1082				

Macro AVG Precision 0.5572 | Macro AVG Recall 0.65184 | Macro AVG F1 0.582 | Macro AVG acc 0.8006
Macro F1-Score 0.6008

Round 9 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	66	23	5	0	33	127	66	61	48	134	0.5789	0.5197	0.5477	0.6472
Suicidal Ideation	13	36	0	0	6	55	36	19	43	211	0.4557	0.6545	0.5373	0.7994
Guilty feeling	0	0	15	0	3	18	15	3	7	284	0.6818	0.8333	0.75	0.9676
Sleep problems	0	0	0	4	0	4	4	0	0	305	1.0000	1	1	1
Other	35	20	2	0	48	105	48	57	42	162	0.5333	0.4571	0.4923	0.6796
Total	114	79	22	4	90	309	169	140	140	1096				

Summary Tables

Macro Averages

	Macro AVG F1 Tanh	Macro AVG F1 ReLU	Macro AVG Precision Tanh	Macro AVG Precision ReLU	Macro AVG Recall Tanh	Macro AVG Recall ReLU	Macro AVG Accuracy Tanh	Macro AVG Accuracy ReLU
Round 1	0.6727	0.8336	0.6153	0.8023	0.77636	0.87518	0.8408	0.9133
Round 2	0.749	0.8001	0.7270	0.7854	0.78594	0.84282	0.8447	0.877
Round 3	0.624	0.8493	0.5798	0.8487	0.74914	0.86262	0.8136	0.8939
Round 4	0.6377	0.8078	0.5831	0.7924	0.7654	0.8631	0.8291	0.8913
Round 5	0.5871	0.7483	0.5477	0.6995	0.71582	0.82154	0.7955	0.8679
Round 6	0.5619	0.8344	0.5275	0.8142	0.74978	0.87976	0.8188	0.9055
Round 7	0.4254	0.8239	0.4002	0.8128	0.62944	0.85938	0.7631	0.8913
Round 8	0.582	0.8336	0.5572	0.8023	0.65184	0.87518	0.8006	0.9133
Round 9	0.6655	0.7874	0.6499	0.7801	0.69292	0.81368	0.8188	0.8692
Round 10	0.5975	0.7871	0.5484	0.7595	0.70838	0.83112	0.8119	0.8947
AVG.	0.6103	0.8106	0.5736	0.7897	0.7225	0.8524	0.8137	0.8917

F1 Score / Each Class

	Anhedonic Tanh	Anhedonic ReLU	Suicidal Ideation Tanh	Suicidal Ideation ReLU	Guilty feeling Tanh	Guilty feeling ReLU	Sleep problems Tanh	Sleep problems ReLU	Other Tanh	Other ReLU
Round 1	0.6077	0.7404	0.8062	0.8099	0.766	0.9474	0.8	0.8889	0.3837	0.7814
Round 2	0.5886	0.5419	0.9322	0.9483	1	0.973	0.8889	0.8889	0.3353	0.6483
Round 3	0.5067	0.6422	0.6322	0.9322	0.8	1	0.8	1	0.381	0.6723
Round 4	0.5736	0.5816	0.7971	0.9016	0.7059	0.9474	0.8	0.8889	0.3117	0.7194
Round 5	0.4195	0.6148	0.5869	0.9091	0.8292	0.878	0.7272	0.8	0.3729	0.5397
Round 6	0.2822	0.6667	0.7353	0.9016	0.5667	0.973	0.6153	0.8889	0.6098	0.7417
Round 7	0.24	0.6087	0.6101	0.871	0.2963	0.9231	0.5714	1	0.4093	0.7166
Round 8	0.2873	0.7404	0.5901	0.8099	0.5582	0.9474	0.8889	0.8889	0.5855	0.7814
Round 9	0.5477	0.5909	0.5373	0.7536	0.75	0.9444	1	1	0.4923	0.6481
Round 10	0.5126	0.6831	0.7068	0.9044	0.7118	0.8696	0.7272	0.8	0.3291	0.6786
AVG.	0.4566	0.6411	0.6934	0.8742	0.6984	0.9403	0.7819	0.9045	0.4211	0.6928

Precision / Each Class

	Anhedonic Tanh	Anhedonic ReLU	Suicidal Ideation Tanh	Suicidal Ideation ReLU	Guilty feeling Tanh	Guilty feeling ReLU	Sleep problems Tanh	Sleep problems ReLU	Other Tanh	Other ReLU
Round 1	0.5940	0.8056	0.7027	0.7424	0.6207	0.9000	0.6667	0.8000	0.4925	0.7636
Round 2	0.5355	0.7237	0.8730	0.9016	1.0000	0.9474	0.8000	0.8000	0.4265	0.5541
Round 3	0.5957	0.7692	0.4622	0.8730	0.6667	1.0000	0.6667	1.0000	0.5079	0.6015
Round 4	0.5507	0.8261	0.6627	0.8209	0.5455	0.9000	0.6667	0.8000	0.4898	0.6149
Round 5	0.5513	0.6077	0.4186	0.8333	0.7391	0.7826	0.5714	0.6667	0.4583	0.6071
Round 6	0.6389	0.8434	0.6173	0.8209	0.4048	0.9474	0.4444	0.8000	0.5319	0.6593
Round 7	0.4375	0.7875	0.4426	0.7826	0.1905	0.8571	0.4000	1.0000	0.5303	0.6370
Round 8	0.4815	0.8056	0.5373	0.7424	0.4800	0.9000	0.8000	0.8000	0.4873	0.7636
Round 9	0.5789	0.6989	0.4557	0.6265	0.6818	0.9444	1.0000	1.0000	0.5333	0.6306
Round 10	0.4863	0.7411	0.6104	0.8814	0.5833	0.8696	0.5714	0.6667	0.4906	0.6387
AVG.	0.5450	0.7609	0.5783	0.8025	0.5912	0.9049	0.6587	0.8333	0.4948	0.6470

Recall / Each Class

	Anhedonic Tanh	Anhedonic ReLU	Suicidal Ideation Tanh	Suicidal Ideation ReLU	Guilty feeling Tanh	Guilty feeling ReLU	Sleep problems Tanh	Sleep problems ReLU	Other Tanh	Other ReLU
Round 1	0.622	0.685	0.9455	0.8909	1	1	1	1	0.3143	0.8
Round 2	0.6535	0.4331	1	1	1	1	1	1	0.2762	0.781
Round 3	0.4409	0.5512	1	1	1	1	1	1	0.3048	0.7619
Round 4	0.5984	0.4488	1	1	1	1	1	1	0.2286	0.8667
Round 5	0.3386	0.622	0.9818	1	0.9444	1	1	1	0.3143	0.4857
Round 6	0.1811	0.5512	0.9091	1	0.9444	1	1	1	0.7143	0.8476
Round 7	0.1654	0.4961	0.9818	0.9818	0.6667	1	1	1	0.3333	0.819
Round 8	0.2047	0.685	0.6545	0.8909	0.6667	1	1	1	0.7333	0.8
Round 9	0.5197	0.5118	0.6545	0.9455	0.8333	0.9444	1	1	0.4571	0.6667
Round 10	0.542	0.6336	0.8393	0.9286	0.913	0.8696	1	1	0.2476	0.7238
AVG.	0.4266	0.5618	0.8967	0.9638	0.8969	0.9814	1.0000	1.0000	0.3924	0.7552

Accuracy / Each Class

	Anhedonic Tanh	Anhedonic ReLU	Suicidal Ideation Tanh	Suicidal Ideation ReLU	Guilty feeling Tanh	Guilty feeling ReLU	Sleep problems Tanh	Sleep problems ReLU	Other Tanh	Other ReLU
Round 1	0.6699	0.8026	0.9191	0.9256	0.9644	0.9935	0.9935	0.9968	0.657	0.8479
Round 2	0.6246	0.699	0.9741	0.9806	1	0.9968	0.9968	0.9968	0.6278	0.712
Round 3	0.6472	0.7476	0.7929	0.9741	0.9709	1	0.9935	1	0.6634	0.7476
Round 4	0.6343	0.7346	0.9094	0.9612	0.9515	0.9935	0.9935	0.9968	0.657	0.7702
Round 5	0.6149	0.6796	0.754	0.9644	0.9773	0.9838	0.9903	0.9935	0.6408	0.7184
Round 6	0.6214	0.7735	0.8835	0.9612	0.9159	0.9968	0.9838	0.9968	0.6893	0.7994
Round 7	0.5696	0.7379	0.7767	0.9482	0.8155	0.9903	0.9806	1	0.6731	0.7799
Round 8	0.5825	0.8026	0.8382	0.9256	0.9385	0.9935	0.9968	0.9968	0.6472	0.8479
Round 9	0.6472	0.7087	0.7994	0.89	0.9676	0.9935	1	1	0.6796	0.754
Round 10	0.5768	0.7586	0.8777	0.9655	0.9467	0.9812	0.9906	0.9937	0.6677	0.7743
AVG.	0.6188	0.7445	0.8525	0.9496	0.9448	0.9923	0.9919	0.9971	0.6603	0.7752

Round 10 — Predicted - Tanh

	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other		Total		TP		FN		FP		TN		precision		recall		F1-Score		Accuracy
Actual	Anhedonic	71	22	12	0	26		131	TP	71	FN	60	FP	75	TN	113	precision	0.4863	recall	0.542	F1-Score	0.5126	Accuracy	0.5768
	Suicidal Ideation	7	47	2	0	0		56	TP	47	FN	9	FP	30	TN	233	precision	0.6104	recall	0.8393	F1-Score	0.7068	Accuracy	0.8777
	Guilty feeling	1	0	21	0	1		23	TP	21	FN	2	FP	15	TN	281	precision	0.5833	recall	0.913	F1-Score	0.7118	Accuracy	0.9467
	Sleep problems	0	0	0	4	0		4	TP	4	FN	0	FP	3	TN	312	precision	0.5714	recall	1	F1-Score	0.7272	Accuracy	0.9906
	Other	67	8	1	3	26		105	TP	26	FN	79	FP	27	TN	187	precision	0.4906	recall	0.2476	F1-Score	0.3291	Accuracy	0.6677
	Total	146	77	36	7	53		319		169		150		150		1126								

							Macro AVG Precision	0.5484	Macro AVG Recall	0.70838	Macro AVG F1	0.5975	Macro AVG acc	0.8119
							Macro F1-Score	0.6182						

LSTM - ReLU

Round 1 — Predicted - ReLu

	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other		Total		TP		FN		FP		TN		precision		recall		F1-Score		Accuracy
Actual	Anhedonic	87	13	1	1	25		127	TP	87	FN	40	FP	21	TN	161	precision	0.8056	recall	0.685	F1-Score	0.7404	Accuracy	0.8026
	Suicidal Ideation	5	49	0	0	1		55	TP	49	FN	6	FP	17	TN	237	precision	0.7424	recall	0.8909	F1-Score	0.8099	Accuracy	0.9256
	Guilty feeling	0	0	18	0	0		18	TP	18	FN	0	FP	2	TN	289	precision	0.9000	recall	1	F1-Score	0.9474	Accuracy	0.9935
	Sleep problems	0	0	0	4	0		4	TP	4	FN	0	FP	1	TN	304	precision	0.8000	recall	1	F1-Score	0.8889	Accuracy	0.9968
	Other	16	4	1	0	84		105	TP	84	FN	21	FP	26	TN	178	precision	0.7636	recall	0.8	F1-Score	0.7814	Accuracy	0.8479
	Total	108	66	20	5	110		309		242		67		67		1169								

							Macro AVG Precision	0.8023	Macro AVG Recall	0.87518	Macro AVG F1	0.8336	Macro AVG acc	0.9133
							Macro F1-Score	0.8372						

Round 2 — Predicted - ReLu

	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other		Total		TP		FN		FP		TN		precision		recall		F1-Score		Accuracy
Actual	Anhedonic	55	4	1	1	66		127	TP	55	FN	72	FP	21	TN	161	precision	0.7237	recall	0.4331	F1-Score	0.5419	Accuracy	0.699
	Suicidal Ideation	0	55	0	0	0		55	TP	55	FN	0	FP	6	TN	248	precision	0.9016	recall	1	F1-Score	0.9483	Accuracy	0.9806
	Guilty feeling	0	0	18	0	0		18	TP	18	FN	0	FP	1	TN	290	precision	0.9474	recall	1	F1-Score	0.973	Accuracy	0.9968
	Sleep problems	0	0	0	4	0		4	TP	4	FN	0	FP	1	TN	304	precision	0.8000	recall	1	F1-Score	0.8889	Accuracy	0.9968
	Other	21	2	0	0	82		105	TP	82	FN	23	FP	66	TN	138	precision	0.5541	recall	0.781	F1-Score	0.6483	Accuracy	0.712
	Total	76	61	19	5	148		309		214		95		95		1141								

							Macro AVG Precision	0.7854	Macro AVG Recall	0.84282	Macro AVG F1	0.8001	Macro AVG acc	0.877
							Macro F1-Score	0.8131						

Round 3 — Predicted - ReLu

	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other		Total		TP		FN		FP		TN		precision		recall		F1-Score		Accuracy
Actual	Anhedonic	70	4	0	0	53		127	TP	70	FN	57	FP	21	TN	161	precision	0.7692	recall	0.5512	F1-Score	0.6422	Accuracy	0.7476
	Suicidal Ideation	0	55	0	0	0		55	TP	55	FN	0	FP	8	TN	246	precision	0.8730	recall	1	F1-Score	0.9322	Accuracy	0.9741
	Guilty feeling	0	0	18	0	0		18	TP	18	FN	0	FP	0	TN	291	precision	1.0000	recall	1	F1-Score	1	Accuracy	1
	Sleep problems	0	0	0	4	0		4	TP	4	FN	0	FP	0	TN	305	precision	1.0000	recall	1	F1-Score	1	Accuracy	1
	Other	21	4	0	0	80		105	TP	80	FN	25	FP	53	TN	151	precision	0.6015	recall	0.7619	F1-Score	0.6723	Accuracy	0.7476
	Total	91	63	18	4	133		309		227		82		82		1154								

							Macro AVG Precision	0.8487	Macro AVG Recall	0.86262	Macro AVG F1	0.8493	Macro AVG acc	0.8939
							Macro F1-Score	0.8556						

Round 4 — Predicted - ReLu

	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other		Total		TP		FN		FP		TN		precision		recall		F1-Score		Accuracy
Actual	Anhedonic	57	10	2	1	57		127	TP	57	FN	70	FP	12	TN	170	precision	0.8261	recall	0.4488	F1-Score	0.5816	Accuracy	0.7346
	Suicidal Ideation	0	55	0	0	0		55	TP	55	FN	0	FP	12	TN	242	precision	0.8209	recall	1	F1-Score	0.9016	Accuracy	0.9612
	Guilty feeling	0	0	18	0	0		18	TP	18	FN	0	FP	2	TN	289	precision	0.9000	recall	1	F1-Score	0.9474	Accuracy	0.9935
	Sleep problems	0	0	0	4	0		4	TP	4	FN	0	FP	1	TN	304	precision	0.8000	recall	1	F1-Score	0.8889	Accuracy	0.9968
	Other	12	2	0	0	91		105	TP	91	FN	14	FP	57	TN	147	precision	0.6149	recall	0.8667	F1-Score	0.7194	Accuracy	0.7702
	Total	69	67	20	5	148		309		225		84		84		1152								

							Macro AVG Precision	0.7924	Macro AVG Recall	0.8631	Macro AVG F1	0.8078	Macro AVG acc	0.8913
							Macro F1-Score	0.8262						

Round 5 — Predicted - ReLu

	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other		Total		TP		FN		FP		TN		precision		recall		F1-Score		Accuracy
Actual	Anhedonic	79	11	2	2	33		127	TP	79	FN	48	FP	51	TN	131	precision	0.6077	recall	0.622	F1-Score	0.6148	Accuracy	0.6796
	Suicidal Ideation	0	55	0	0	0		55	TP	55	FN	0	FP	11	TN	243	precision	0.8333	recall	1	F1-Score	0.9091	Accuracy	0.9644
	Guilty feeling	0	0	18	0	0		18	TP	18	FN	0	FP	5	TN	286	precision	0.7826	recall	1	F1-Score	0.878	Accuracy	0.9838
	Sleep problems	0	0	0	4	0		4	TP	4	FN	0	FP	2	TN	303	precision	0.6667	recall	1	F1-Score	0.8	Accuracy	0.9935
	Other	51	0	3	0	51		105	TP	51	FN	54	FP	33	TN	171	precision	0.6071	recall	0.4857	F1-Score	0.5397	Accuracy	0.7184
	Total	130	66	23	6	84		309		207		102		102		1134								

							Macro AVG Precision	0.6995	Macro AVG Recall	0.82154	Macro AVG F1	0.7483	Macro AVG acc	0.8679
							Macro F1-Score	0.7556						

Round 6 — Predicted - ReLu

	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other		Total		TP		FN		FP		TN		precision		recall		F1-Score		Accuracy
Actual	Anhedonic	70	10	0	1	46		127	TP	70	FN	57	FP	13	TN	169	precision	0.8434	recall	0.5512	F1-Score	0.6667	Accuracy	0.7735
	Suicidal Ideation	0	55	0	0	0		55	TP	55	FN	0	FP	12	TN	242	precision	0.8209	recall	1	F1-Score	0.9016	Accuracy	0.9612
	Guilty feeling	0	0	18	0	0		18	TP	18	FN	0	FP	1	TN	290	precision	0.9474	recall	1	F1-Score	0.973	Accuracy	0.9968
	Sleep problems	0	0	0	4	0		4	TP	4	FN	0	FP	1	TN	304	precision	0.8000	recall	1	F1-Score	0.8889	Accuracy	0.9968
	Other	13	2	1	0	89		105	TP	89	FN	16	FP	46	TN	158	precision	0.6593	recall	0.8476	F1-Score	0.7417	Accuracy	0.7994
	Total	83	67	19	5	135		309		236		73		73		1163								

							Macro AVG Precision	0.8142	Macro AVG Recall	0.87976	Macro AVG F1	0.8344	Macro AVG acc	0.9055
							Macro F1-Score	0.8457						

Round 7 — Predicted - ReLu

	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other		Total		TP		FN		FP		TN		precision		recall		F1-Score		Accuracy
Actual	Anhedonic	63	15	1	0	48		127	TP	63	FN	64	FP	17	TN	165	precision	0.7875	recall	0.4961	F1-Score	0.6087	Accuracy	0.7379
	Suicidal Ideation	0	54	0	0	1		55	TP	54	FN	1	FP	15	TN	239	precision	0.7826	recall	0.9818	F1-Score	0.871	Accuracy	0.9482
	Guilty feeling	0	0	18	0	0		18	TP	18	FN	0	FP	3	TN	288	precision	0.8571	recall	1	F1-Score	0.9231	Accuracy	0.9903
	Sleep problems	0	0	0	4	0		4	TP	4	FN	0	FP	0	TN	305	precision	1.0000	recall	1	F1-Score	1	Accuracy	1
	Other	17	0	2	0	86		105	TP	86	FN	19	FP	49	TN	155	precision	0.6370	recall	0.819	F1-Score	0.7166	Accuracy	0.7799
	Total	80	69	21	4	135		309		225		84		84		1152								

							Macro AVG Precision	0.8128	Macro AVG Recall	0.85938	Macro AVG F1	0.8239	Macro AVG acc	0.8913
							Macro F1-Score	0.8355						

Round 8 — Predicted - ReLu

	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other		Total

Actual	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP		FN		FP		TN		precision		recall		F1-Score		Accuracy	
	Anhedonic	87	13	1	1	25	127	TP	87	FN	40	FP	21	TN	161	precision	0.8056	recall	0.685	F1-Score	0.7404	Accuracy	0.8026
	Suicidal Ideation	5	49	0	0	1	55	TP	49	FN	6	FP	17	TN	237	precision	0.7424	recall	0.8909	F1-Score	0.8099	Accuracy	0.9256
	Guilty feeling	0	0	18	0	0	18	TP	18	FN	0	FP	2	TN	289	precision	0.9000	recall	1	F1-Score	0.9474	Accuracy	0.9935
	Sleep problems	0	0	0	4	0	4	TP	4	FN	0	FP	1	TN	304	precision	0.8000	recall	1	F1-Score	0.8889	Accuracy	0.9968
	Other	16	4	1	0	84	105	TP	84	FN	21	FP	26	TN	178	precision	0.7636	recall	0.8	F1-Score	0.7814	Accuracy	0.8479
	Total	108	66	20	5	110	309		242		67		67		1169								

Macro AVG Precision 0.8023 Macro AVG Recall 0.87518 Macro AVG F1 0.8336 Macro AVG acc 0.9133
Macro F1-Score 0.8372

Round 9				Predicted	- ReLu																		
Actual	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total																
	Anhedonic	65	21	1	0	40	127	TP	65	FN	62	FP	28	TN	154	precision	0.6989	recall	0.5118	F1-Score	0.5909	Accuracy	0.7087
	Suicidal Ideation	2	52	0	0	1	55	TP	52	FN	3	FP	31	TN	223	precision	0.6265	recall	0.9455	F1-Score	0.7536	Accuracy	0.89
	Guilty feeling	1	0	17	0	0	18	TP	17	FN	1	FP	1	TN	290	precision	0.9444	recall	0.9444	F1-Score	0.9444	Accuracy	0.9935
	Sleep problems	0	0	0	4	0	4	TP	4	FN	0	FP	0	TN	305	precision	1.0000	recall	1	F1-Score	1	Accuracy	1
	Other	25	10	0	0	70	105	TP	70	FN	35	FP	41	TN	163	precision	0.6306	recall	0.6667	F1-Score	0.6481	Accuracy	0.754
	Total	93	83	18	4	111	309		208		101		101		1135								

Macro AVG Precision 0.7801 Macro AVG Recall 0.81368 Macro AVG F1 0.7874 Macro AVG acc 0.8692
Macro F1-Score 0.7965

Round 10				Predicted	- ReLu																		
Actual	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total																
	Anhedonic	83	5	3	0	40	131	TP	83	FN	48	FP	29	TN	159	precision	0.7411	recall	0.6336	F1-Score	0.6831	Accuracy	0.7586
	Suicidal Ideation	4	52	0	0	0	56	TP	52	FN	4	FP	7	TN	256	precision	0.8814	recall	0.9286	F1-Score	0.9044	Accuracy	0.9655
	Guilty feeling	0	0	20	0	3	23	TP	20	FN	3	FP	3	TN	293	precision	0.8696	recall	0.8696	F1-Score	0.8696	Accuracy	0.9812
	Sleep problems	0	0	0	4	0	4	TP	4	FN	0	FP	2	TN	313	precision	0.6667	recall	1	F1-Score	0.8	Accuracy	0.9937
	Other	25	2	0	2	76	105	TP	76	FN	29	FP	43	TN	171	precision	0.6387	recall	0.7238	F1-Score	0.6786	Accuracy	0.7743
	Total	112	59	23	6	119	319		235		84		84		1192								

Macro AVG Precision 0.7595 Macro AVG Recall 0.83112 Macro AVG F1 0.7871 Macro AVG acc 0.8947
Macro F1-Score 0.7937

GRU - Tanh

Round 1 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	96	5	6	0	20	127	96	31	49	133	0.6621	0.7559	0.7059	0.7411
Suicidal Ideation	13	31	0	0	11	55	31	24	9	245	0.7750	0.5636	0.6526	0.8932
Guilty feeling	2	0	16	0	0	18	16	2	15	276	0.5161	0.8889	0.653	0.945
Sleep problems	0	0	0	2	2	4	2	2	1	304	0.6667	0.5	0.5714	0.9903
Other	34	4	9	1	57	105	57	48	33	171	0.6333	0.5429	0.5846	0.7379
Total	145	40	31	3	90	309	202	107	107	1129				

Macro AVG Precision 0.6506   Macro AVG Recall 0.6503   Macro AVG F1 0.6335   Macro AVG acc 0.8615
Macro F1-Score 0.6505

Round 2 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	91	8	0	0	28	127	91	36	55	127	0.6233	0.7165	0.6667	0.7055
Suicidal Ideation	6	49	0	0	0	55	49	6	31	223	0.6125	0.8909	0.7259	0.8803
Guilty feeling	0	0	18	0	0	18	18	0	2	289	0.9000	1	0.9474	0.9935
Sleep problems	0	0	0	4	0	4	4	0	4	301	0.5000	1	0.6667	0.9871
Other	49	23	2	4	27	105	27	78	28	176	0.4909	0.2571	0.3375	0.657
Total	146	80	20	8	55	309	189	120	120	1116				

Macro AVG Precision 0.6253   Macro AVG Recall 0.7729   Macro AVG F1 0.6688   Macro AVG acc 0.8447
Macro F1-Score 0.6913

Round 3 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	94	8	1	1	23	127	94	33	36	146	0.7231	0.7402	0.7316	0.7767
Suicidal Ideation	0	55	0	0	0	55	55	0	21	233	0.7237	1	0.8397	0.932
Guilty feeling	0	0	18	0	0	18	18	0	5	286	0.7826	1	0.878	0.9838
Sleep problems	0	0	0	4	0	4	4	0	1	304	0.8000	1	0.8889	0.9968
Other	36	13	4	0	52	105	52	53	23	181	0.6933	0.4952	0.5777	0.754
Total	130	76	23	5	75	309	223	86	86	1150				

Macro AVG Precision 0.7445   Macro AVG Recall 0.84708   Macro AVG F1 0.7832   Macro AVG acc 0.8887
Macro F1-Score 0.7925

Round 4 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	91	13	6	1	16	127	91	36	89	93	0.5056	0.7165	0.5929	0.5955
Suicidal Ideation	26	18	0	0	11	55	18	37	26	228	0.4091	0.3273	0.3637	0.7961
Guilty feeling	2	3	9	0	4	18	9	9	7	284	0.5625	0.5	0.5294	0.9482
Sleep problems	2	0	0	1	1	4	1	3	2	303	0.3333	0.25	0.2857	0.9838
Other	59	10	1	1	34	105	34	71	32	172	0.5152	0.3238	0.3977	0.6667
Total	180	44	16	3	66	309	153	156	156	1080				

Macro AVG Precision 0.4651   Macro AVG Recall 0.42352   Macro AVG F1 0.4339   Macro AVG acc 0.7981
Macro F1-Score 0.4434

Round 5 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	78	32	1	1	15	127	78	49	76	106	0.5065	0.6142	0.5552	0.5955
Suicidal Ideation	2	52	1	0	1	55	52	3	55	199	0.4860	0.9455	0.642	0.8123
Guilty feeling	9	0	9	0	0	18	9	9	7	284	0.5625	0.5	0.5294	0.9482
Sleep problems	0	0	0	4	0	4	4	0	1	304	0.8000	1	0.8889	0.9968
Other	65	23	6	0	11	105	11	94	16	188	0.4074	0.1048	0.1667	0.644
Total	154	107	16	5	27	309	154	155	155	1081				

Macro AVG Precision 0.5525   Macro AVG Recall 0.6329   Macro AVG F1 0.5564   Macro AVG acc 0.7994
Macro F1-Score 0.59

Round 6 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	50	34	6	0	37	127	50	77	34	148	0.5952	0.3937	0.4739	0.6408
Suicidal Ideation	6	38	1	0	10	55	38	17	55	199	0.4086	0.6909	0.5135	0.767
Guilty feeling	2	6	5	0	5	18	5	13	20	271	0.2000	0.2778	0.2326	0.8932
Sleep problems	0	0	2	1	1	4	1	3	1	304	0.5000	0.25	0.3333	0.9871
Other	26	15	11	1	52	105	52	53	53	151	0.4952	0.4952	0.4952	0.657
Total	84	93	25	2	105	309	146	163	163	1073				

Macro AVG Precision 0.4398   Macro AVG Recall 0.42152   Macro AVG F1 0.4097   Macro AVG acc 0.789
Macro F1-Score 0.4305

Round 7 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	66	30	5	0	26	127	66	61	50	132	0.5690	0.5197	0.5432	0.6408
Suicidal Ideation	1	53	0	0	1	55	53	2	39	215	0.5761	0.9636	0.7211	0.8673
Guilty feeling	6	0	7	0	5	18	7	11	14	277	0.3333	0.3889	0.359	0.9191
Sleep problems	0	0	0	4	0	4	4	0	1	304	0.8000	1	0.8889	0.9968
Other	43	9	9	1	43	105	43	62	32	172	0.5733	0.4095	0.4778	0.6958
Total	116	92	21	5	75	309	173	136	136	1100				

Macro AVG Precision 0.5703   Macro AVG Recall 0.65634   Macro AVG F1 0.598   Macro AVG acc 0.824
Macro F1-Score 0.6103

Round 8 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	71	15	2	1	38	127	71	56	50	132	0.5868	0.5591	0.5726	0.657
Suicidal Ideation	8	31	0	0	16	55	31	24	21	233	0.5962	0.5636	0.5794	0.8544
Guilty feeling	6	0	5	0	7	18	5	13	8	283	0.3846	0.2778	0.3226	0.932
Sleep problems	0	0	0	4	0	4	4	0	1	304	0.8000	1	0.8889	0.9968
Other	36	6	6	0	57	105	57	48	61	143	0.4831	0.5429	0.5113	0.6472
Total	121	52	13	5	118	309	168	141	141	1095				

Macro AVG Precision 0.5701   Macro AVG Recall 0.58868   Macro AVG F1 0.575   Macro AVG acc 0.8175
Macro F1-Score 0.5793

Round 9 — Predicted - Tanh

Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	101	3	3	1	19	127	101	26	76	106	0.5706	0.7953	0.6645	0.6699
Suicidal Ideation	28	22	0	0	5	55	22	33	13	241	0.6286	0.4	0.4889	0.8511
Guilty feeling	8	0	6	0	4	18	6	12	6	285	0.5000	0.3333	0.4	0.9417
Sleep problems	0	0	0	1	3	4	1	3	2	303	0.3333	0.25	0.2857	0.9838
Other	40	10	3	1	51	105	51	54	31	173	0.6220	0.4857	0.5455	0.7249
Total	177	35	12	3	82	309	181	128	128	1108				

Summary Tables

Macro Averages

	Macro AVG F1		Macro AVG Precision		Macro AVG Recall		Macro AVG Accuracy	
	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU
Round 1	0.6335	0.6135	0.6506	0.7337	0.6503	0.6053	0.8615	0.8615
Round 2	0.6688	0.6329	0.6253	0.5815	0.7729	0.74512	0.8447	0.8149
Round 3	0.7832	0.7260	0.7445	0.6782	0.84708	0.81216	0.8887	0.8654
Round 4	0.4339	0.3547	0.4651	0.3512	0.42352	0.36166	0.7981	0.7993
Round 5	0.5564	0.5221	0.5525	0.4777	0.6329	0.60656	0.7994	0.7851
Round 6	0.4097	0.4199	0.4398	0.4246	0.42152	0.4364	0.789	0.789
Round 7	0.598	0.5708	0.5703	0.5559	0.65634	0.6176	0.824	0.8084
Round 8	0.575	0.5288	0.5701	0.5217	0.58868	0.56098	0.8175	0.7903
Round 9	0.4769	0.4035	0.5309	0.4026	0.45286	0.40762	0.8343	0.7929
Round 10	0.5184	0.4779	0.5413	0.4685	0.51264	0.49444	0.8107	0.7918
AVG.	0.5654	0.5250	0.5691	0.5196	0.5959	0.5648	0.8268	0.8099

F1 Score / Each Class

	Anhedonic		Suicidal Ideation		Guilty feeling		Sleep problems		Other	
	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU
Round 1	0.7059	0.7004	0.6526	0.6947	0.653	0.7111	0.5714	0.4	0.5846	0.5612
Round 2	0.6667	0.4796	0.7259	0.7083	0.9474	0.6667	0.6667	0.8889	0.3375	0.4211
Round 3	0.7316	0.5812	0.8397	0.9483	0.878	0.8718	0.8889	0.6667	0.5777	0.5622
Round 4	0.5929	0.609	0.3637	0.4182	0.5294	0.2927	0.2857	0	0.3977	0.4536
Round 5	0.5552	0.4909	0.642	0.6963	0.5294	0.4286	0.8889	0.8	0.1667	0.1948
Round 6	0.4739	0.4225	0.5135	0.6731	0.2326	0.2745	0.3333	0.25	0.4952	0.4794
Round 7	0.5432	0.5625	0.7211	0.7879	0.359	0.3871	0.8889	0.8889	0.4778	0.2278
Round 8	0.5726	0.5302	0.5794	0.5577	0.3226	0.3256	0.8889	0.8889	0.5113	0.3415
Round 9	0.6645	0.473	0.4889	0.5333	0.4	0.2778	0.2857	0.2222	0.5455	0.511
Round 10	0.5809	0.4359	0.6471	0.661	0.55	0.4	0.4444	0.4444	0.3696	0.4482
AVG.	0.6087	0.5285	0.6174	0.6679	0.5401	0.4636	0.6143	0.5450	0.4464	0.4201

Precision / Each Class

	Anhedonic		Suicidal Ideation		Guilty feeling		Sleep problems		Other	
	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU
Round 1	0.6621	0.6467	0.7750	0.8250	0.5161	0.5926	0.6667	1.0000	0.6333	0.6044
Round 2	0.6233	0.5638	0.6125	0.5730	0.9000	0.5000	0.5000	0.8000	0.4909	0.4706
Round 3	0.7231	0.6355	0.7237	0.9016	0.7826	0.8095	0.8000	0.5000	0.6933	0.5446
Round 4	0.5056	0.5827	0.4091	0.4182	0.5625	0.2609	0.3333	0.0000	0.5152	0.4944
Round 5	0.5065	0.4533	0.4860	0.5875	0.5625	0.3750	0.8000	0.6667	0.4074	0.3061
Round 6	0.5952	0.5233	0.4086	0.7143	0.2000	0.2121	0.5000	0.2500	0.4952	0.4234
Round 7	0.5690	0.5031	0.5761	0.6753	0.3333	0.4615	0.8000	0.8000	0.5733	0.3396
Round 8	0.5868	0.4620	0.5962	0.5918	0.3846	0.2800	0.8000	0.8000	0.4831	0.4746
Round 9	0.5706	0.5000	0.6286	0.5600	0.5000	0.2778	0.3333	0.2000	0.6220	0.4754
Round 10	0.5116	0.4951	0.7174	0.6290	0.6471	0.4091	0.4000	0.4000	0.4304	0.4094
AVG.	0.5854	0.5366	0.5933	0.6476		0.4179	0.5933	0.5417	0.5344	0.4543

Recall / Each Class

	Anhedonic		Suicidal Ideation		Guilty feeling		Sleep problems		Other	
	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU
Round 1	0.7559	0.7638	0.5636	0.6	0.8889	0.8889	0.5	0.25	0.5429	0.5238
Round 2	0.7165	0.4173	0.8909	0.9273	1	1	1	1	0.2571	0.381
Round 3	0.7402	0.5354	1	1	1	0.9444	1	1	0.4952	0.581
Round 4	0.7165	0.6378	0.3273	0.4182	0.5	0.3333	0.25	0	0.3238	0.419
Round 5	0.6142	0.5354	0.9455	0.8545	0.5	0.5	1	1	0.1048	0.1429
Round 6	0.3937	0.3543	0.6909	0.6364	0.2778	0.3889	0.25	0.25	0.4952	0.5524
Round 7	0.5197	0.6378	0.9636	0.9455	0.3889	0.3333	1	1	0.4095	0.1714
Round 8	0.5591	0.622	0.5636	0.5273	0.2778	0.3889	1	1	0.5429	0.2667
Round 9	0.7953	0.4488	0.4	0.5091	0.3333	0.2778	0.25	0.25	0.4857	0.5524
Round 10	0.6718	0.3893	0.5893	0.6964	0.4783	0.3913	0.5	0.5	0.3238	0.4952
AVG.	0.6483	0.5342	0.6935	0.7115			0.6750	0.6250	0.3981	0.4086

Accuracy / Each Class

	Anhedonic		Suicidal Ideation		Guilty feeling		Sleep problems		Other	
	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU	Tanh	ReLU
Round 1	0.7411	0.7314	0.8932	0.9061	0.945	0.9579	0.9903	0.9903	0.7379	0.7217
Round 2	0.7055	0.6278	0.8803	0.8641	0.9935	0.9417	0.9871	0.9968	0.657	0.644
Round 3	0.7767	0.6828	0.932	0.9806	0.9838	0.9838	0.9968	0.9871	0.754	0.6926
Round 4	0.5955	0.6634	0.7961	0.7929	0.9482	0.9061	0.9838	0.9773	0.6667	0.657
Round 5	0.5955	0.5437	0.8123	0.8673	0.9482	0.9223	0.9968	0.9935	0.644	0.5987
Round 6	0.6408	0.6019	0.767	0.89	0.8932	0.8803	0.9871	0.9806	0.657	0.5922
Round 7	0.6408	0.5922	0.8673	0.9094	0.9191	0.9385	0.9968	0.9968	0.6958	0.6052
Round 8	0.657	0.5469	0.8544	0.8511	0.932	0.9061	0.9968	0.9968	0.6472	0.6505
Round 9	0.6699	0.589	0.8511	0.8414	0.9417	0.9159	0.9838	0.9773	0.7249	0.6408
Round 10	0.6019	0.5862	0.8871	0.8746	0.9436	0.9154	0.9843	0.9843	0.6364	0.5987
AVG.	0.6625	0.6165	0.8541	0.8778	0.9448	0.9268	0.9904	0.9881	0.6821	0.6401

Round 10 — Predicted - Tanh

Actual \ Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	88	5	4	0	34	131	88	43	84	104	0.5116	0.6718	0.5809	0.6019
Suicidal Ideation	19	33	0	1	3	56	33	23	13	250	0.7174	0.5893	0.6471	0.8871
Guilty feeling	4	0	11	0	8	23	11	12	6	290	0.6471	0.4783	0.55	0.9436
Sleep problems	2	0	0	2	0	4	2	2	3	312	0.4000	0.5	0.4444	0.9843
Other	59	8	2	2	34	105	34	71	45	169	0.4304	0.3238	0.3696	0.6364
Total	172	46	17	5	79	319	168	151	151	1125				

Macro AVG Precision	0.5413	Macro AVG Recall	0.51264	Macro AVG F1	0.5184	Macro AVG acc	0.8107
Macro F1-Score	0.5266						

GRU - ReLU

Round 1 — Predicted - ReLu

Actual \ Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	97	3	5	0	22	127	97	30	53	129	0.6467	0.7638	0.7004	0.7314
Suicidal Ideation	11	33	0	0	11	55	33	22	7	247	0.8250	0.6	0.6947	0.9061
Guilty feeling	2	0	16	0	0	18	16	2	11	280	0.5926	0.8889	0.7111	0.9579
Sleep problems	0	0	0	1	3	4	1	3	0	305	1.0000	0.25	0.4	0.9903
Other	40	4	6	0	55	105	55	50	36	168	0.6044	0.5238	0.5612	0.7217
Total	150	40	27	1	91	309	202	107	107	1129				

Macro AVG Precision	0.7337	Macro AVG Recall	0.6053	Macro AVG F1	0.6135	Macro AVG acc	0.8615
Macro F1-Score	0.6634						

Round 2 — Predicted - ReLu

Actual \ Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	53	20	9	0	45	127	53	74	41	141	0.5638	0.4173	0.4796	0.6278
Suicidal Ideation	4	51	0	0	0	55	51	4	38	216	0.5730	0.9273	0.7083	0.8641
Guilty feeling	0	0	18	0	0	18	18	0	18	273	0.5000	1	0.6667	0.9417
Sleep problems	0	0	0	4	0	4	4	0	1	304	0.8000	1	0.8889	0.9968
Other	37	18	9	1	40	105	40	65	45	159	0.4706	0.381	0.4211	0.644
Total	94	89	36	5	85	309	166	143	143	1093				

Macro AVG Precision	0.5815	Macro AVG Recall	0.74512	Macro AVG F1	0.6329	Macro AVG acc	0.8149
Macro F1-Score	0.6532						

Round 3 — Predicted - ReLu

Actual \ Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	68	5	1	2	51	127	68	59	39	143	0.6355	0.5354	0.5812	0.6828
Suicidal Ideation	0	55	0	0	0	55	55	0	6	248	0.9016	1	0.9483	0.9806
Guilty feeling	1	0	17	0	0	18	17	1	4	287	0.8095	0.9444	0.8718	0.9838
Sleep problems	0	0	0	4	0	4	4	0	4	301	0.5000	1	0.6667	0.9871
Other	38	1	3	2	61	105	61	44	51	153	0.5446	0.581	0.5622	0.6926
Total	107	61	21	8	112	309	205	104	104	1132				

Macro AVG Precision	0.6782	Macro AVG Recall	0.81216	Macro AVG F1	0.726	Macro AVG acc	0.8654
Macro F1-Score	0.7392						

Round 4 — Predicted - ReLu

Actual \ Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	81	13	7	2	24	127	81	46	58	124	0.5827	0.6378	0.609	0.6634
Suicidal Ideation	19	23	2	0	11	55	23	32	32	222	0.4182	0.4182	0.4182	0.7929
Guilty feeling	0	3	6	0	9	18	6	12	17	274	0.2609	0.3333	0.2927	0.9061
Sleep problems	2	0	1	0	1	4	0	4	3	302	0.0000	0	0	0.9773
Other	37	16	7	1	44	105	44	61	45	159	0.4944	0.419	0.4536	0.657
Total	139	55	23	3	89	309	154	155	155	1081				

Macro AVG Precision	0.3512	Macro AVG Recall	0.36166	Macro AVG F1	0.3547	Macro AVG acc	0.7993
Macro F1-Score	0.3564						

Round 5 — Predicted - ReLu

Actual \ Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	68	20	5	2	32	127	68	59	82	100	0.4533	0.5354	0.4909	0.5437
Suicidal Ideation	6	47	0	0	2	55	47	8	33	221	0.5875	0.8545	0.6963	0.8673
Guilty feeling	9	0	9	0	0	18	9	9	15	276	0.3750	0.5	0.4286	0.9223
Sleep problems	0	0	0	4	0	4	4	0	2	303	0.6667	1	0.8	0.9935
Other	67	13	10	0	15	105	15	90	34	170	0.3061	0.1429	0.1948	0.5987
Total	150	80	24	6	49	309	143	166	166	1070				

Macro AVG Precision	0.4777	Macro AVG Recall	0.60656	Macro AVG F1	0.5221	Macro AVG acc	0.7851
Macro F1-Score	0.5345						

Round 6 — Predicted - ReLu

Actual \ Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	45	10	13	2	57	127	45	82	41	141	0.5233	0.3543	0.4225	0.6019
Suicidal Ideation	8	35	2	0	10	55	35	20	14	240	0.7143	0.6364	0.6731	0.89
Guilty feeling	2	0	7	0	9	18	7	11	26	265	0.2121	0.3889	0.2745	0.8803
Sleep problems	0	0	0	1	3	4	1	3	3	302	0.2500	0.25	0.25	0.9806
Other	31	4	11	1	58	105	58	47	79	125	0.4234	0.5524	0.4794	0.5922
Total	86	49	33	4	137	309	146	163	163	1073				

Macro AVG Precision	0.4246	Macro AVG Recall	0.4364	Macro AVG F1	0.4199	Macro AVG acc	0.789
Macro F1-Score	0.4304						

Round 7 — Predicted - ReLu

Actual \ Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN	precision	recall	F1-Score	Accuracy
Anhedonic	81	21	1	0	24	127	81	46	80	102	0.5031	0.6378	0.5625	0.5922
Suicidal Ideation	0	52	0	0	3	55	52	3	25	229	0.6753	0.9455	0.7879	0.9094
Guilty feeling	4	0	6	0	8	18	6	12	7	284	0.4615	0.3333	0.3871	0.9385
Sleep problems	0	0	0	4	0	4	4	0	1	304	0.8000	1	0.8889	0.9968
Other	76	4	6	1	18	105	18	87	35	169	0.3396	0.1714	0.2278	0.6052
Total	161	77	13	5	53	309	161	148	148	1088				

Macro AVG Precision	0.5559	Macro AVG Recall	0.6176	Macro AVG F1	0.5708	Macro AVG acc	0.8084
Macro F1-Score	0.5851						

Round 8 — Predicted - ReLu

Actual \ Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total

Round 9 / Round 10 (continued) — Predicted - ReLu confusion matrices

Actual	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total													
Actual	Anhedonic	79	17	3	1	27	127	TP 127	FN 79	FP 48	TN 92	90	precision 0.4620	recall 0.622	F1-Score 0.5302	Accuracy 0.5469
	Suicidal Ideation	18	29	5	0	3	55	TP 55	FN 29	FP 26	TN 20	234	precision 0.5918	recall 0.5273	F1-Score 0.5577	Accuracy 0.8511
	Guilty feeling	9	1	7	0	1	18	TP 18	FN 7	FP 11	TN 18	273	precision 0.2800	recall 0.3889	F1-Score 0.3256	Accuracy 0.9061
	Sleep problems	0	0	0	4	0	4	TP 4	FN 4	FP 0	TN 1	304	precision 0.8000	recall 1	F1-Score 0.8889	Accuracy 0.9968
	Other	65	2	10	0	28	105	TP 105	FN 28	FP 77	TN 31	173	precision 0.4746	recall 0.2667	F1-Score 0.3415	Accuracy 0.6505
	Total	171	49	25	5	59	309	147	162	162	1074					

Macro AVG Precision 0.5217   Macro AVG Recall 0.56098   Macro AVG F1 0.5288   Macro AVG acc 0.7903
Macro F1-Score 0.5406

Round 9 — Predicted - ReLu

Actual	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total									
Actual	Anhedonic	57	9	9	1	51	127	TP 57	FN 70	FP 57	TN 125	precision 0.5000	recall 0.4488	F1-Score 0.473	Accuracy 0.589
	Suicidal Ideation	16	28	2	0	9	55	TP 28	FN 27	FP 22	TN 232	precision 0.5600	recall 0.5091	F1-Score 0.5333	Accuracy 0.8414
	Guilty feeling	6	1	5	2	4	18	TP 5	FN 13	FP 13	TN 278	precision 0.2778	recall 0.2778	F1-Score 0.2778	Accuracy 0.9159
	Sleep problems	3	0	0	1	0	4	TP 1	FN 3	FP 4	TN 301	precision 0.2000	recall 0.25	F1-Score 0.2222	Accuracy 0.9773
	Other	32	12	2	1	58	105	TP 58	FN 47	FP 64	TN 140	precision 0.4754	recall 0.5524	F1-Score 0.511	Accuracy 0.6408
	Total	114	50	18	5	122	309	149	160	160	1076				

Macro AVG Precision 0.4026   Macro AVG Recall 0.40762   Macro AVG F1 0.4035   Macro AVG acc 0.7929
Macro F1-Score 0.4051

Round 10 — Predicted - ReLu

Actual	Class	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total									
Actual	Anhedonic	51	14	8	1	57	131	TP 51	FN 80	FP 52	TN 136	precision 0.4951	recall 0.3893	F1-Score 0.4359	Accuracy 0.5862
	Suicidal Ideation	11	39	0	0	6	56	TP 39	FN 17	FP 23	TN 240	precision 0.6290	recall 0.6964	F1-Score 0.661	Accuracy 0.8746
	Guilty feeling	2	0	9	0	12	23	TP 9	FN 14	FP 13	TN 283	precision 0.4091	recall 0.3913	F1-Score 0.4	Accuracy 0.9154
	Sleep problems	2	0	0	2	0	4	TP 2	FN 2	FP 3	TN 312	precision 0.4000	recall 0.5	F1-Score 0.4444	Accuracy 0.9843
	Other	37	9	5	2	52	105	TP 52	FN 53	FP 75	TN 139	precision 0.4094	recall 0.4952	F1-Score 0.4482	Accuracy 0.5987
	Total	103	62	22	5	127	319	153	166	166	1110				

Macro AVG Precision 0.4685   Macro AVG Recall 0.49444   Macro AVG F1 0.4779   Macro AVG acc 0.7918
Macro F1-Score 0.4811

SVM

Round 1

Actual \ Predicted	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN		precision	recall	F1-Score	Accuracy
Anhedonic	67	4	36	0	20	127	67	60	51	131		0.5678	0.5276	0.547	0.6408
uicidal Ideation	12	31	1	0	11	55	31	24	14	240		0.6889	0.5636	0.62	0.877
Guilty feeling	2	0	16	0	0	18	16	2	46	245		0.2581	0.8889	0.4	0.8447
Sleep problems	0	0	0	4	0	4	4	0	0	305		1.0000	1	1	1
Other	37	10	9	0	49	105	49	56	31	173		0.6125	0.4667	0.5298	0.7184
Total	118	45	62	4	80	309	167	142	142	1094					

Macro AVG Precision 0.6255 Macro AVG Recall 0.68936 Macro AVG F1 0.6194 Macro AVG acc 0.8162
Macro F1-Score 0.6559

Round 2

Actual \ Predicted	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN		precision	recall	F1-Score	Accuracy
Anhedonic	82	11	11	0	23	127	82	45	31	151		0.7257	0.6457	0.6834	0.754
uicidal Ideation	0	37	18	0	0	55	37	18	19	235		0.6607	0.6727	0.6666	0.8803
Guilty feeling	0	0	18	0	0	18	18	0	31	260		0.3673	1	0.5373	0.8997
Sleep problems	0	0	0	4	0	4	4	0	0	305		1.0000	1	1	1
Other	31	8	2	0	64	105	64	41	23	181		0.7356	0.6095	0.6666	0.7929
Total	113	56	49	4	87	309	205	104	104	1132					

Macro AVG Precision 0.6979 Macro AVG Recall 0.78558 Macro AVG F1 0.7108 Macro AVG acc 0.8654
Macro F1-Score 0.7391

Round 3

Actual \ Predicted	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN		precision	recall	F1-Score	Accuracy
Anhedonic	96	7	13	0	11	127	96	31	34	148		0.7385	0.7559	0.7471	0.7896
uicidal Ideation	0	55	0	0	0	55	55	0	16	238		0.7746	1	0.873	0.9482
Guilty feeling	0	0	18	0	0	18	18	0	18	273		0.5000	1	0.6667	0.9417
Sleep problems	0	0	0	4	0	4	4	0	2	303		0.6667	1	0.8	0.9935
Other	34	9	5	2	55	105	55	50	11	193		0.8333	0.5238	0.6433	0.8026
Total	130	71	36	6	66	309	228	81	81	1155					

Macro AVG Precision 0.7026 Macro AVG Recall 0.85594 Macro AVG F1 0.746 Macro AVG acc 0.8951
Macro F1-Score 0.7717

Round 4

Actual \ Predicted	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN		precision	recall	F1-Score	Accuracy
Anhedonic	74	17	12	4	20	127	74	53	33	149		0.6916	0.5827	0.6325	0.7217
uicidal Ideation	0	45	0	0	10	55	45	10	30	224		0.6000	0.8182	0.6923	0.8706
Guilty feeling	0	3	11	0	4	18	11	7	17	274		0.3929	0.6111	0.4783	0.9223
Sleep problems	2	0	0	2	0	4	2	2	7	298		0.2222	0.5	0.3077	0.9709
Other	31	10	5	3	56	105	56	49	34	170		0.6222	0.5333	0.5743	0.7314
Total	107	75	28	9	90	309	188	121	121	1115					

Macro AVG Precision 0.5058 Macro AVG Recall 0.60906 Macro AVG F1 0.537 Macro AVG acc 0.8434
Macro F1-Score 0.5526

Round 5

Actual \ Predicted	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN		precision	recall	F1-Score	Accuracy
Anhedonic	83	15	7	3	19	127	83	44	73	109		0.5321	0.6535	0.5866	0.6214
uicidal Ideation	3	45	2	0	5	55	45	10	19	235		0.7031	0.8182	0.7563	0.9061
Guilty feeling	7	0	11	0	0	18	11	7	15	276		0.4231	0.6111	0.5	0.9288
Sleep problems	0	0	0	4	0	4	4	0	4	301		0.5000	1	0.6667	0.9871
Other	63	4	6	1	31	105	31	74	24	180		0.5636	0.2952	0.3875	0.6828
Total	156	64	26	8	55	309	174	135	135	1101					

Macro AVG Precision 0.5444 Macro AVG Recall 0.6756 Macro AVG F1 0.5794 Macro AVG acc 0.8252
Macro F1-Score 0.6029

Round 6

Actual \ Predicted	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN		precision	recall	F1-Score	Accuracy
Anhedonic	81	16	6	1	23	127	81	46	49	133		0.6231	0.6378	0.6304	0.6926
uicidal Ideation	8	41	0	0	6	55	41	14	26	228		0.6119	0.7455	0.6721	0.8706
Guilty feeling	5	7	6	0	0	18	6	12	14	277		0.3000	0.3333	0.3158	0.9159
Sleep problems	0	0	1	2	1	4	2	2	2	303		0.5000	0.5	0.5	0.9871
Other	36	3	7	1	58	105	58	47	30	174		0.6591	0.5524	0.6011	0.7508
Total	130	67	20	4	88	309	188	121	121	1115					

Macro AVG Precision 0.5388 Macro AVG Recall 0.5538 Macro AVG F1 0.5439 Macro AVG acc 0.8434
Macro F1-Score 0.5462

Round 7

Actual \ Predicted	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN		precision	recall	F1-Score	Accuracy
Anhedonic	70	37	6	0	14	127	70	57	57	125		0.5512	0.5512	0.5512	0.6311
uicidal Ideation	1	53	0	0	1	55	53	2	43	211		0.5521	0.9636	0.702	0.8544
Guilty feeling	3	0	10	0	5	18	10	8	15	276		0.4000	0.5556	0.4651	0.9256
Sleep problems	0	0	0	4	0	4	4	0	2	303		0.6667	1	0.8	0.9935
Other	53	6	9	2	35	105	35	70	20	184		0.6364	0.3333	0.4375	0.7087
Total	127	96	25	6	55	309	172	137	137	1099					

Macro AVG Precision 0.5613 Macro AVG Recall 0.68074 Macro AVG F1 0.5912 Macro AVG acc 0.8227
Macro F1-Score 0.6153

Round 8

Actual \ Predicted	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN		precision	recall	F1-Score	Accuracy
Anhedonic	78	26	5	2	16	127	78	49	49	133		0.6142	0.6142	0.6142	0.6828
uicidal Ideation	6	44	1	0	4	55	44	11	32	222		0.5789	0.8	0.6717	0.8608
Guilty feeling	6	1	7	0	4	18	7	11	14	277		0.3333	0.3889	0.359	0.9191
Sleep problems	0	0	0	4	0	4	4	0	2	303		0.6667	1	0.8	0.9935
Other	37	5	8	0	55	105	55	50	24	180		0.6962	0.5238	0.5978	0.7605
Total	127	76	21	6	79	309	188	121	121	1115					

Macro AVG Precision 0.5779 Macro AVG Recall 0.66538 Macro AVG F1 0.6085 Macro AVG acc 0.8433
Macro F1-Score 0.6185

Round 9

Actual \ Predicted	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other	Total	TP	FN	FP	TN		precision	recall	F1-Score	Accuracy
Anhedonic	103	6	3	1	14	127	103	24	67	115		0.6059	0.811	0.6936	0.7055
uicidal Ideation	25	20	3	0	7	55	20	35	11	243		0.6452	0.3636	0.4651	0.8511
Guilty feeling	2	1	12	0	3	18	12	6	7	284		0.6316	0.6667	0.6487	0.9579
Sleep problems	0	0	0	4	0	4	4	0	1	304		0.8000	1	0.8889	0.9968
Other	40	4	1	0	60	105	60	45	24	180		0.7143	0.5714	0.6349	0.7767
Total	170	31	19	5	84	309	199	110	110	1126					

Macro AVG Precision 0.6794 Macro AVG Recall 0.68254 Macro AVG F1 0.6662 Macro AVG acc 0.8576
Macro F1-Score 0.681

SVM

Round	Macro AVG F1	Macro AVG Precision	Macro AVG Recall	Macro AVG Accuracy
Round 1	0.6194	0.6255	0.68936	0.8162
Round 2	0.7108	0.6979	0.78558	0.8654
Round 3	0.746	0.7026	0.85594	0.8951
Round 4	0.537	0.5058	0.60906	0.8434
Round 5	0.5794	0.5444	0.6756	0.8252
Round 6	0.5439	0.5388	0.5538	0.8434
Round 7	0.5912	0.5613	0.68074	0.8227
Round 8	0.6085	0.5779	0.66538	0.8433
Round 9	0.6662	0.6794	0.68254	0.8576
Round 10	0.5166	0.4913	0.58112	0.8132
AVG.	0.6119	0.5925	0.6779	0.8426

F1 Score / Each Class

Round	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other
Round 1	0.547	0.62	0.4	1	0.5298
Round 2	0.6834	0.6666	0.5373	1	0.6666
Round 3	0.7471	0.873	0.6667	0.8	0.6433
Round 4	0.6325	0.6923	0.4783	0.3077	0.5743
Round 5	0.5866	0.7563	0.5	0.6667	0.3875
Round 6	0.6304	0.6721	0.3158	0.5	0.6011
Round 7	0.5512	0.702	0.4651	0.8	0.4375
Round 8	0.6142	0.6717	0.359	0.8	0.5978
Round 9	0.6936	0.4651	0.6487	0.8889	0.6349
Round 10	0.5639	0.708	0.4681	0.4286	0.4142
AVG.	0.625	0.6827	0.4839	0.7192	0.5487

Precision / Each Class

Round	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other
Round 1	0.5678	0.6889	0.2581	1.0000	0.6125
Round 2	0.7257	0.6607	0.3673	1.0000	0.7356
Round 3	0.7385	0.7746	0.5000	0.6667	0.8333
Round 4	0.6916	0.6000	0.3929	0.2222	0.6222
Round 5	0.5321	0.7031	0.4231	0.5000	0.5636
Round 6	0.6231	0.6119	0.3000	0.5000	0.6591
Round 7	0.5512	0.5521	0.4000	0.6667	0.6364
Round 8	0.6142	0.5789	0.3333	0.6667	0.6962
Round 9	0.6059	0.6452	0.6316	0.8000	0.7143
Round 10	0.5556	0.7018	0.4583	0.3000	0.4409
AVG.	0.6206	0.6517	0.4065	0.6322	0.6514

Recall / Each Class

Round	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other
Round 1	0.5276	0.5636	0.8889	1	0.4667
Round 2	0.6457	0.6727	1	1	0.6095
Round 3	0.7559	1	1	1	0.5238
Round 4	0.5827	0.8182	0.6111	0.5	0.5333
Round 5	0.6535	0.8182	0.6111	1	0.2952
Round 6	0.6378	0.7455	0.3333	0.5	0.5524
Round 7	0.5512	0.9636	0.5556	1	0.3333
Round 8	0.6142	0.8	0.3889	1	0.5238
Round 9	0.811	0.3636	0.6667	1	0.5714
Round 10	0.5725	0.7143	0.4783	0.75	0.3905
AVG.	0.6352	0.7460	0.6534	0.8750	0.4800

Accuracy / Each Class

Round	Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other
Round 1	0.6408	0.877	0.8447	1	0.7184
Round 2	0.754	0.8803	0.8997	1	0.7929
Round 3	0.7896	0.9482	0.9417	0.9935	0.8026
Round 4	0.7217	0.8706	0.9223	0.9709	0.7314
Round 5	0.6214	0.9061	0.9288	0.9871	0.6828
Round 6	0.6926	0.8706	0.9159	0.9871	0.7508
Round 7	0.6311	0.8544	0.9256	0.9935	0.7087
Round 8	0.6828	0.8608	0.9191	0.9935	0.7605
Round 9	0.7055	0.8511	0.9579	0.9968	0.7767
Round 10	0.6364	0.8966	0.9216	0.9749	0.6364
AVG.	0.6876	0.8816	0.9177	0.9897	0.7361

Round 10

	Class	Predicted					Total										
		Anhedonic	Suicidal Ideation	Guilty feeling	Sleep problems	Other											
Actual	Anhedonic	75	7	11	1	37	131	TP 75	FN 56	FP 60	TN 128	precision 0.5556	recall 0.5725	F1-Score 0.5639	Accuracy 0.6364
	Suicidal Ideation	12	40	0	1	3	56	TP 40	FN 16	FP 17	TN 246	precision 0.7018	recall 0.7143	F1-Score 0.708	Accuracy 0.8966
	Guilty feeling	0	0	11	0	12	23	TP 11	FN 12	FP 13	TN 283	precision 0.4583	recall 0.4783	F1-Score 0.4681	Accuracy 0.9216
	Sleep problems	1	0	0	3	0	4	TP 3	FN 1	FP 7	TN 308	precision 0.3000	recall 0.75	F1-Score 0.4286	Accuracy 0.9749
	Other	47	10	2	5	41	105	TP 41	FN 64	FP 52	TN 162	precision 0.4409	recall 0.3905	F1-Score 0.4142	Accuracy 0.6364
	Total	135	57	24	10	93	319	170	149	149	1127				

Macro AVG Precision 0.4913 Macro AVG Recall 0.58112 Macro AVG F1 0.5166 Macro AVG acc 0.8132
Macro F1-Score 0.5325