

WETC_AUC_comparison_report

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For all models, higher AUC value denotes higher WETC coherence score.

Aspect	ABAE	Kmeans	AE-SA	AE-CSA	NMF	ABAE_SH	Sum of AUC
10	9.535	9.264	11.133	11.816	15.700	16.022	73.470
20	13.414	8.753	15.550	13.230	11.642	14.673	77.262
30	13.467	9.488	14.483	12.832	12.242	11.639	74.151
40	13.553	9.252	15.332	13.073	10.342	9.770	71.322
50	12.394	9.583	14.565	11.503	10.087	7.968	66.100
60	12.493	9.596	14.580	11.797	9.203	7.589	65.258
70	12.822	9.794	14.698	12.566	9.132	7.742	66.754
80	12.573	9.456	14.434	12.590	8.651	6.978	64.682
90	12.483	10.325	14.599	11.089	8.820	6.598	63.914
100	11.490	9.752	14.546	10.821	9.136	6.619	62.364
Sum of AUC	124.224	95.263	143.920	121.317	104.955	95.598	

Rank of models:

1. AE-SA
2. ABAE
3. AE-CSA
4. NMF
5. ABAE_SH
6. KMeans