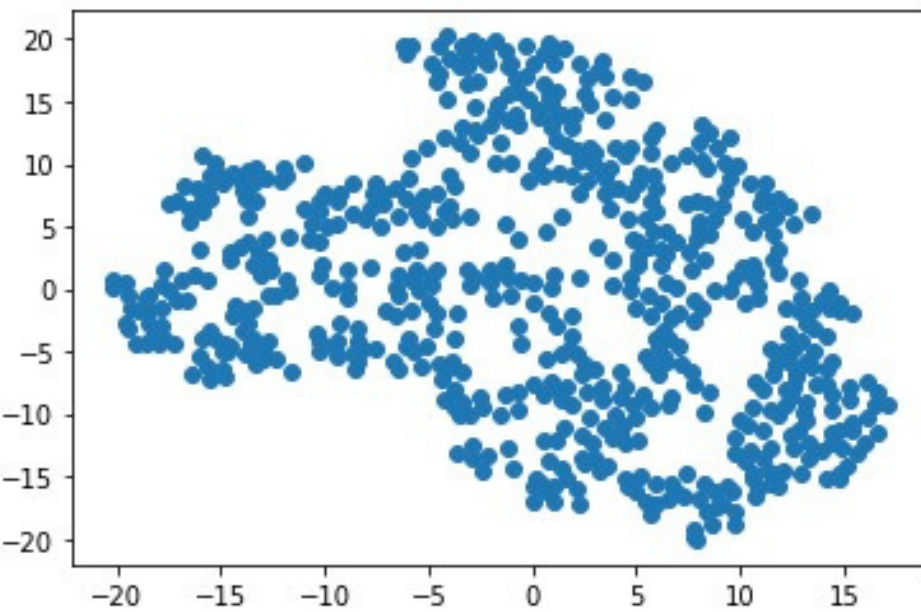
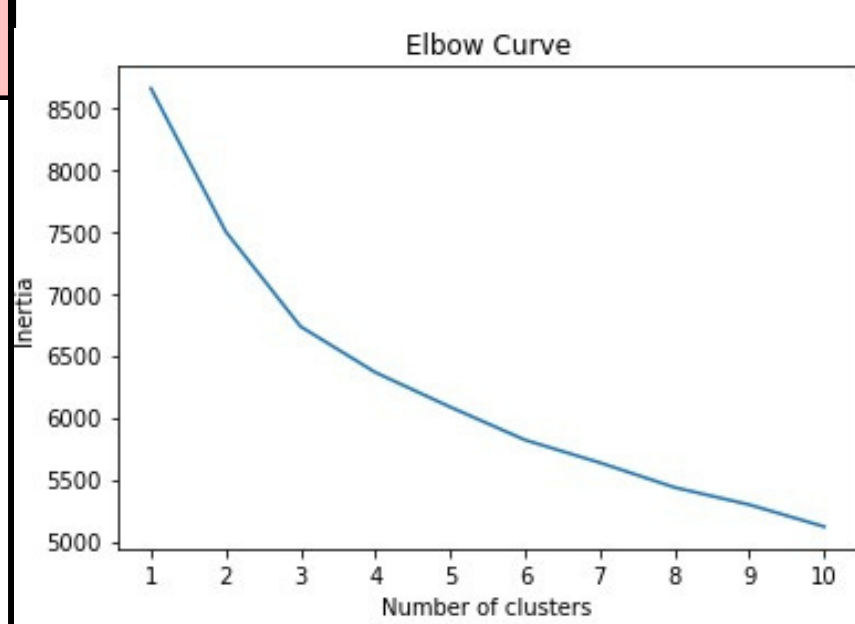


GROUPING AND FITTING EVALUATION OF VARIOUS NATIONS

ADS-1 CLUSTERING & FITTING

ABSTRACT	OBJECTIVE																																																																																																																																																																													
<p>This poster presents the findings of a comprehensive analysis that utilized clustering and fitting techniques to explore the diverse dynamics of different countries on a global scale. By grouping nations based on similarities and fitting statistical models to understand their unique trends, this study aims to provide insights into the complex interactions shaping our interconnected world.</p>	<p>The primary objectives of this analysis include clustering countries for insightful analysis and fitting statistical models to understand global dynamics. By achieving these objectives, we aim to enhance our understanding of the global landscape, inform decision-making, and contribute to the development of strategies that address global challenges.</p>																																																																																																																																																																													
INTRODUCTION	<table><tr><th>SPHEQ</th><th>AL</th><th>ACD</th><th>LT</th><th>VCD</th><th>SPORTHR</th><th>READHR</th><th>COMPHR</th><th>STUDYHR</th><th>TVHR</th><th>DIOPTRHR</th><th>MOMMY</th><th>D</th></tr><tr><td>-0.052</td><td>21.889999</td><td>3.690</td><td>3.498</td><td>14.70</td><td></td><td>45</td><td>8</td><td>0</td><td>0</td><td>10</td><td>34</td><td>1</td></tr><tr><td>0.608</td><td>22.379999</td><td>3.702</td><td>3.392</td><td>15.29</td><td></td><td>4</td><td>0</td><td>1</td><td>1</td><td>7</td><td>12</td><td>1</td></tr><tr><td>1.179</td><td>22.490000</td><td>3.462</td><td>3.514</td><td>15.52</td><td></td><td>14</td><td>0</td><td>2</td><td>0</td><td>10</td><td>14</td><td>0</td></tr><tr><td>0.525</td><td>22.200001</td><td>3.862</td><td>3.612</td><td>14.73</td><td></td><td>18</td><td>11</td><td>0</td><td>0</td><td>4</td><td>37</td><td>0</td></tr><tr><td>0.697</td><td>23.290001</td><td>3.676</td><td>3.454</td><td>16.16</td><td></td><td>14</td><td>0</td><td>0</td><td>0</td><td>4</td><td>4</td><td>1</td></tr><tr><th>AGE</th><th>SPHEQ</th><th>AL</th><th>ACD</th><th>LT</th><th>VCD</th><th>SPORTHR</th><th>READHR</th><th>COMPHR</th><th>STUDYHR</th><th>TVHR</th><th>DIOPTRHR</th><th>MOMMY</th></tr><tr><td>0</td><td>6</td><td>-0.052</td><td>21.889999</td><td>3.690</td><td>3.498</td><td>14.70</td><td>45</td><td>8</td><td>0</td><td>0</td><td>10</td><td>34</td><td>1</td></tr><tr><td>1</td><td>6</td><td>0.608</td><td>22.379999</td><td>3.702</td><td>3.392</td><td>15.29</td><td>4</td><td>0</td><td>1</td><td>1</td><td>7</td><td>12</td><td>1</td></tr><tr><td>2</td><td>6</td><td>1.179</td><td>22.490000</td><td>3.462</td><td>3.514</td><td>15.52</td><td>14</td><td>0</td><td>2</td><td>0</td><td>10</td><td>14</td><td>0</td></tr><tr><td>3</td><td>6</td><td>0.525</td><td>22.200001</td><td>3.862</td><td>3.612</td><td>14.73</td><td>18</td><td>11</td><td>0</td><td>0</td><td>4</td><td>37</td><td>0</td></tr><tr><td>4</td><td>5</td><td>0.697</td><td>23.290001</td><td>3.676</td><td>3.454</td><td>16.16</td><td>14</td><td>0</td><td>0</td><td>0</td><td>4</td><td>4</td><td>1</td></tr></table>													SPHEQ	AL	ACD	LT	VCD	SPORTHR	READHR	COMPHR	STUDYHR	TVHR	DIOPTRHR	MOMMY	D	-0.052	21.889999	3.690	3.498	14.70		45	8	0	0	10	34	1	0.608	22.379999	3.702	3.392	15.29		4	0	1	1	7	12	1	1.179	22.490000	3.462	3.514	15.52		14	0	2	0	10	14	0	0.525	22.200001	3.862	3.612	14.73		18	11	0	0	4	37	0	0.697	23.290001	3.676	3.454	16.16		14	0	0	0	4	4	1	AGE	SPHEQ	AL	ACD	LT	VCD	SPORTHR	READHR	COMPHR	STUDYHR	TVHR	DIOPTRHR	MOMMY	0	6	-0.052	21.889999	3.690	3.498	14.70	45	8	0	0	10	34	1	1	6	0.608	22.379999	3.702	3.392	15.29	4	0	1	1	7	12	1	2	6	1.179	22.490000	3.462	3.514	15.52	14	0	2	0	10	14	0	3	6	0.525	22.200001	3.862	3.612	14.73	18	11	0	0	4	37	0	4	5	0.697	23.290001	3.676	3.454	16.16	14	0	0	0	4	4	1
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<p>The global landscape is characterized by a myriad of nations, each with its unique characteristics, challenges, and opportunities. This report introduces the methodology employed in clustering countries and fitting statistical models to uncover patterns, commonalities, and differences among them.</p> 	METHODOLOGY				CLUSTERING ANALYSIS																																																																																																																																																																									
	<p>The methodology section provides a transparent overview of the data collection process, sources, and the statistical techniques employed. The report outlines the rationale behind the chosen clustering algorithms and model fitting approaches, ensuring the reliability and credibility of the analysis.</p>					<p>This section delves into the results of grouping nations based on similarities. Visual representations, such as cluster maps, showcase the patterns and insights obtained. Additionally, the report discusses key findings related to commonalities, differences, and regional patterns emerging from the clustering analysis.</p>																																																																																																																																																																								
REGIONAL CASE STUDIES		CONCLUSION																																																																																																																																																																												
<p>This section explores specific case studies from different regions, examining how regional dynamics contribute to global patterns. Comparative analyses shed light on the similarities and differences between clusters, providing a deeper understanding of regional interactions.</p>		<p>The conclusion synthesizes the key takeaways from both clustering and fitting analyses. It underscores the significance of the combined approach in providing a holistic understanding of the complexities inherent in the global landscape</p>																																																																																																																																																																												