

DKAP Analysis Summary

1. Descriptive Statistics

```
knowledge_score awareness_composite attitude_composite count 1385.000000 1385.000000  
1385.000000 mean 0.821712 0.716155 0.380293 std 0.207772 0.163556 0.177779 min 0.071429  
0.125000 0.027778 25% 0.785714 0.625000 0.250000 50% 0.857143 0.750000 0.355556 75%  
0.928571 0.812500 0.500000 max 1.000000 1.000000 0.933333
```

2. Correlation Matrix

```
knowledge_score awareness_composite attitude_composite knowledge_score 1.000000 0.773034  
0.004984 awareness_composite 0.773034 1.000000 0.042879 attitude_composite 0.004984  
0.042879 1.000000
```

3. Cluster Differences (ANOVA)

knowledge_score

```
sum_sq df F PR(>F) C(cluster) 2.313841 5.0 11.111487 1.633513e-10 Residual 57.432221 1379.0  
NaN NaN
```

awareness_composite

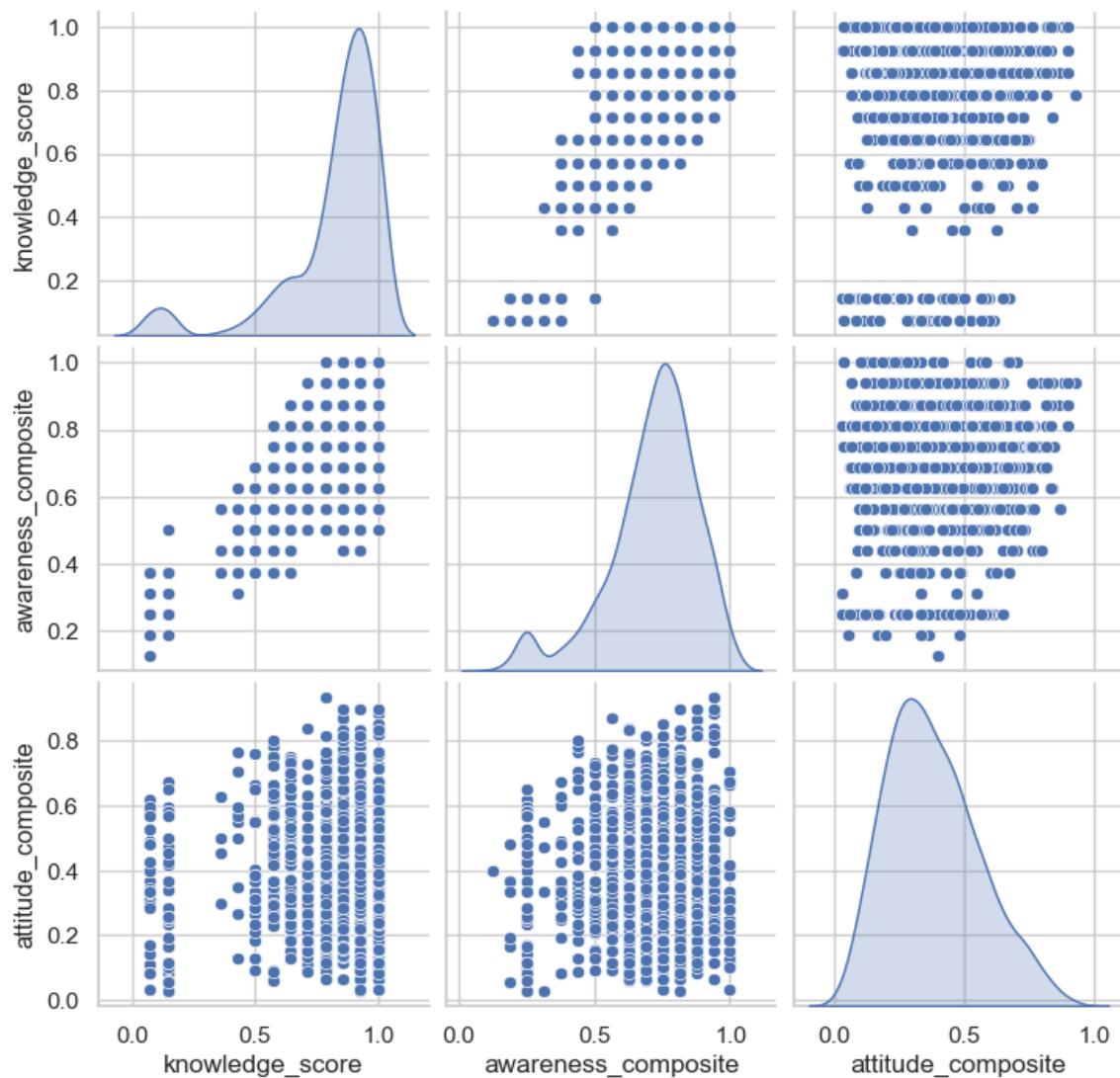
```
sum_sq df F PR(>F) C(cluster) 1.162490 5.0 8.940634 2.271629e-08 Residual 35.860411 1379.0  
NaN NaN
```

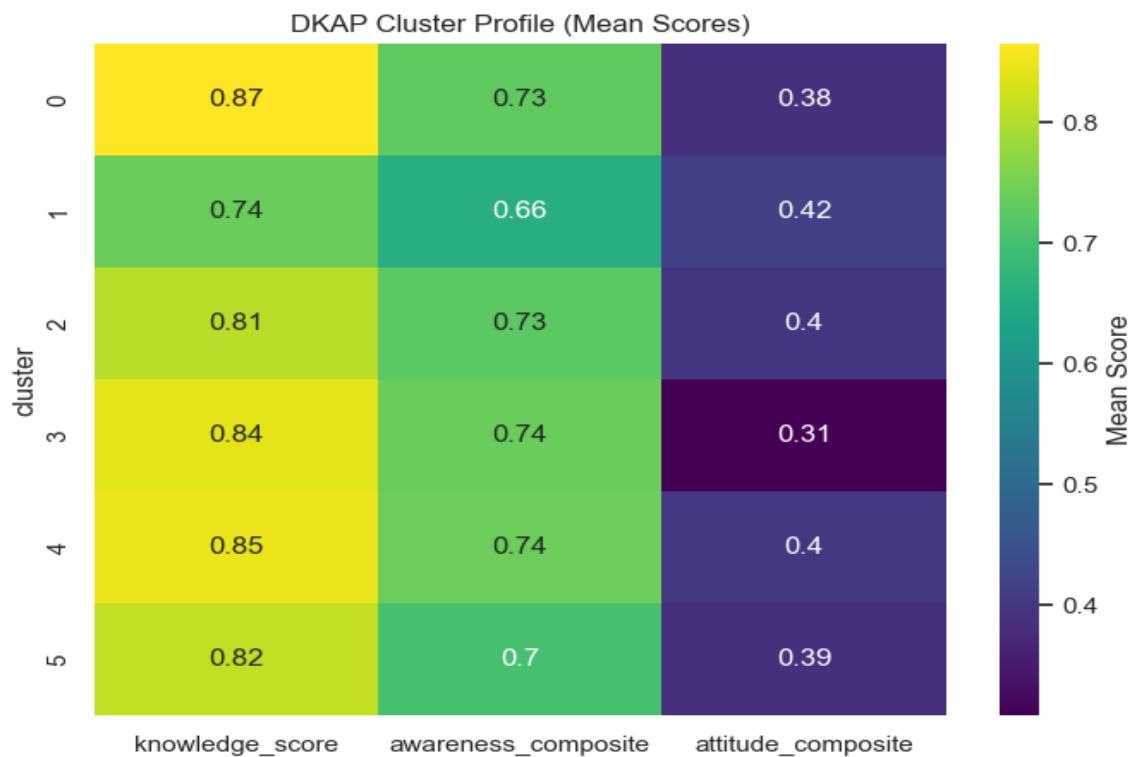
attitude_composite

```
sum_sq df F PR(>F) C(cluster) 1.707823 5.0 11.205664 1.318070e-10 Residual 42.033879 1379.0  
NaN NaN
```

4. Visualizations

Scatterplot Matrix: Knowledge, Awareness, Attitude





End of DKAP Summary Report

DKAP Publication Extension Summary

This document complements the DKAP Summary Report with visual and analytical enhancements:

1. Cluster-based DKAP radar profiles.
2. Regression summary across demographic variables.
3. Correlation heatmap connecting the main DKAP composites.

