

## Deep Learning for Content-Based Image Retrieval in Biomedical applications

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**Faculté :** Faculté des Sciences appliquées

**Diplôme :** Master en ingénieur civil en informatique, à finalité spécialisée en "intelligent systems"

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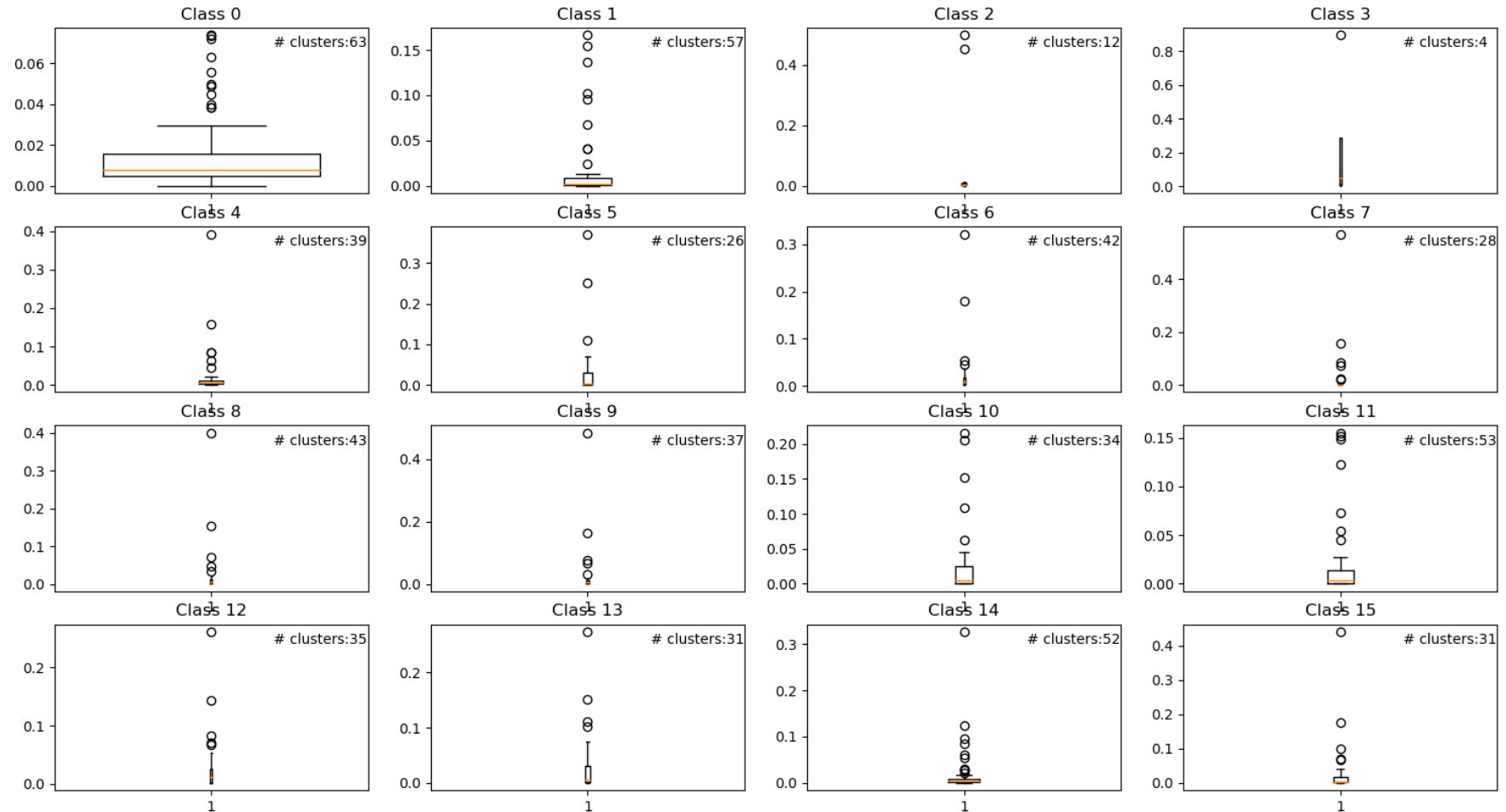
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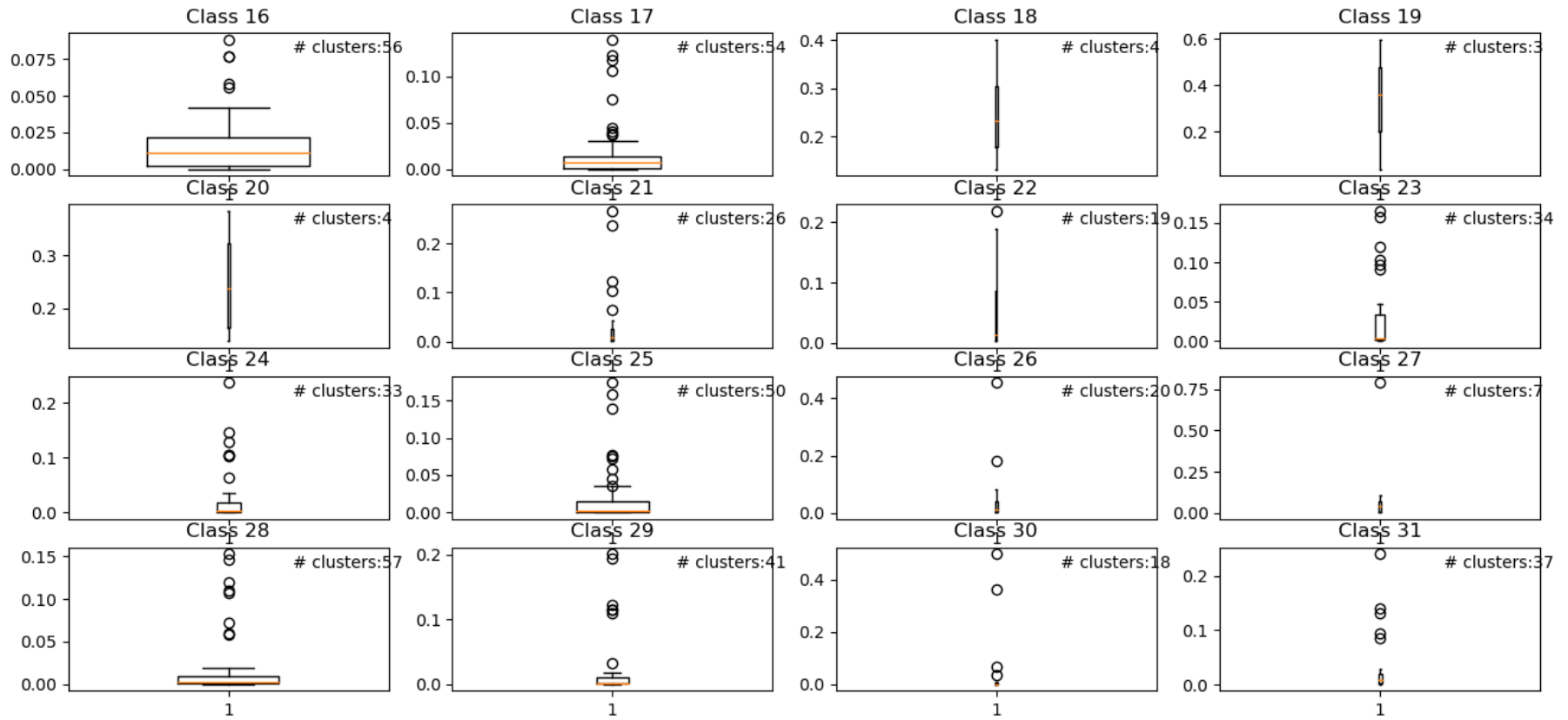
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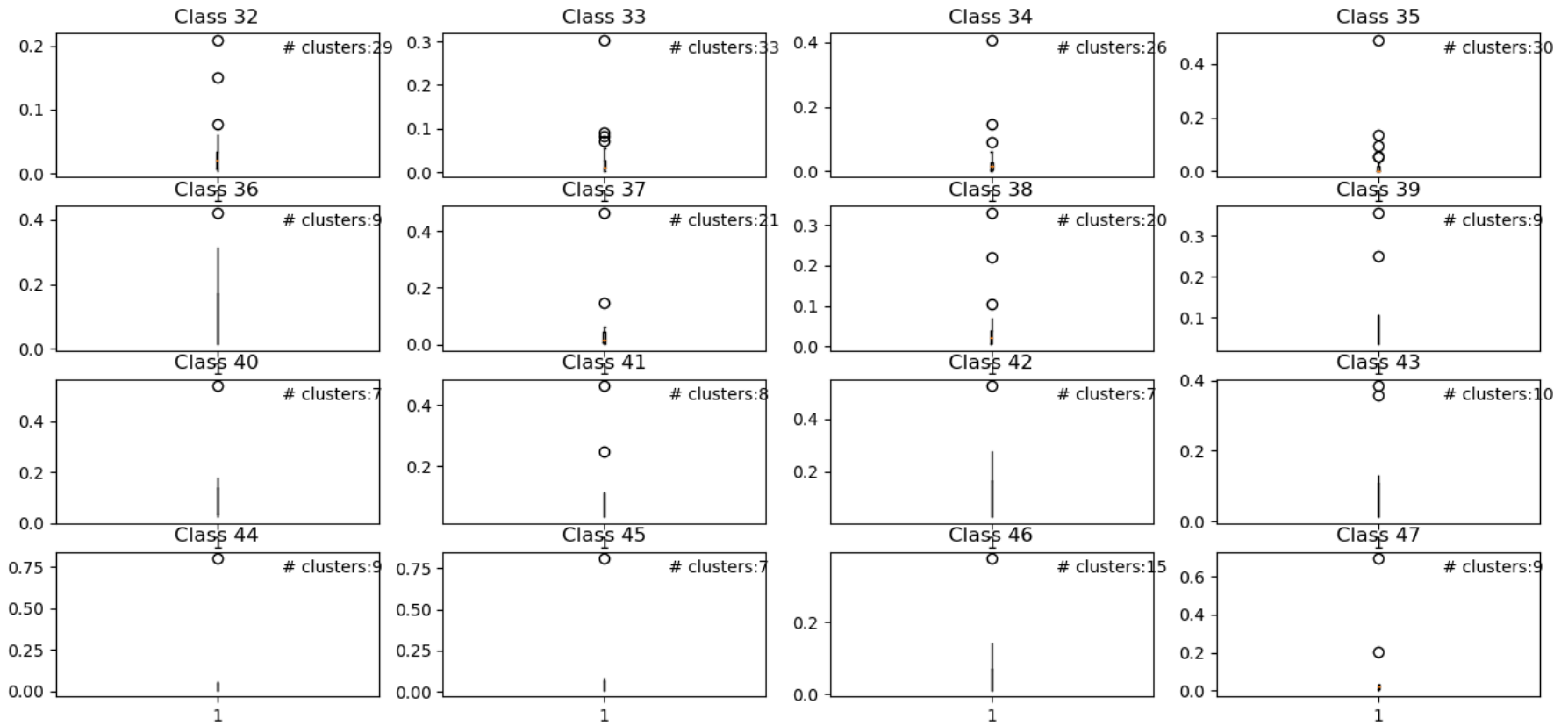
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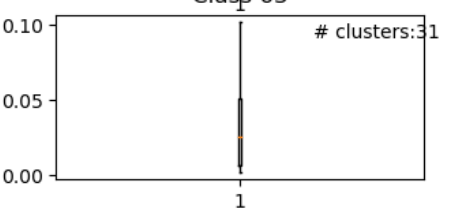
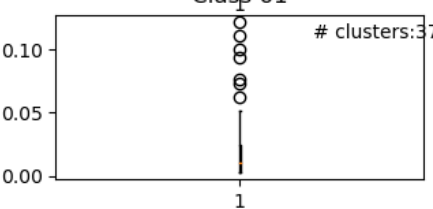
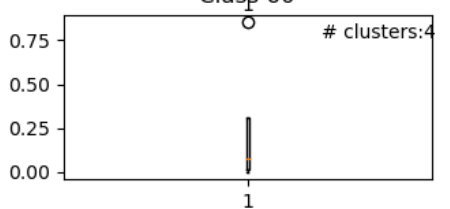
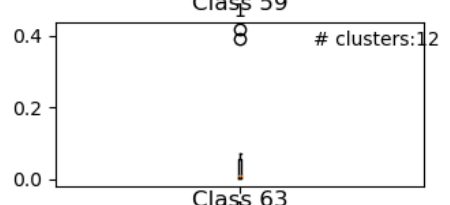
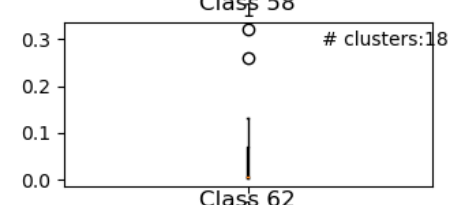
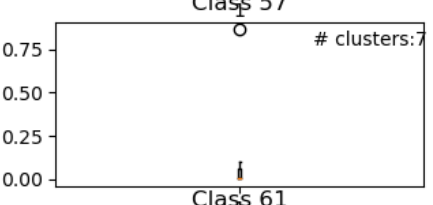
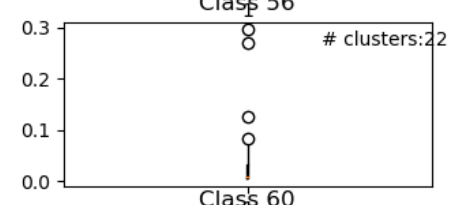
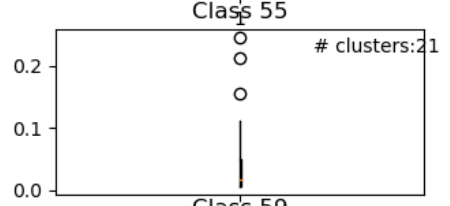
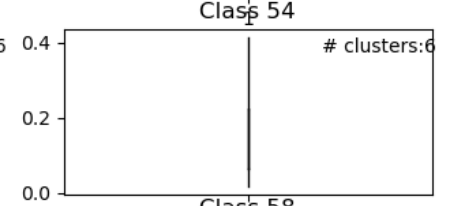
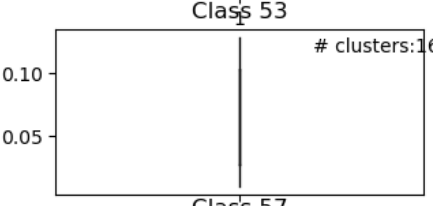
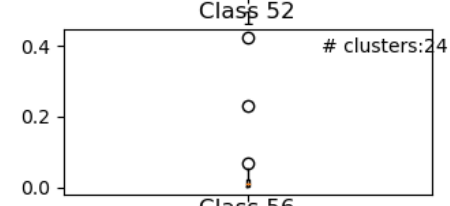
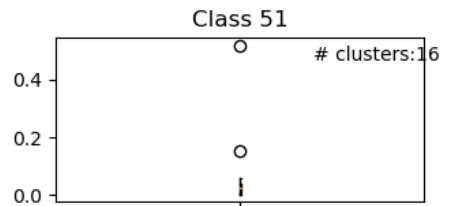
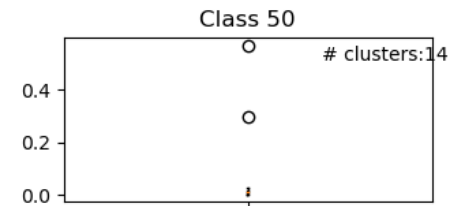
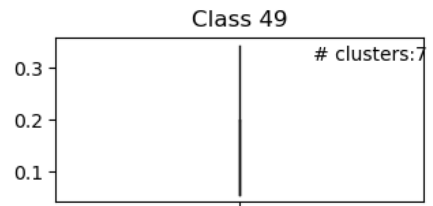
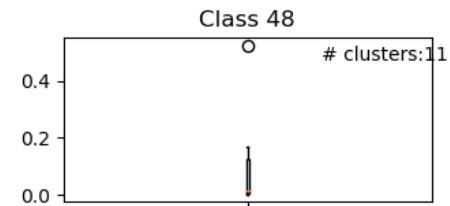
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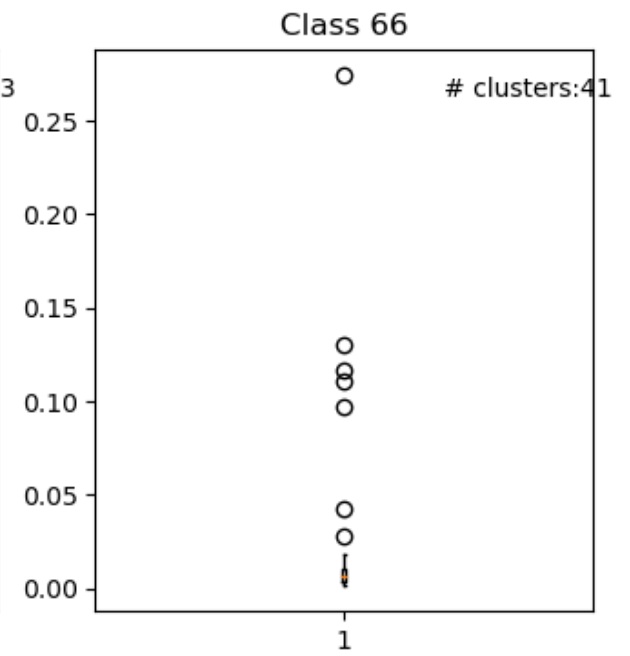
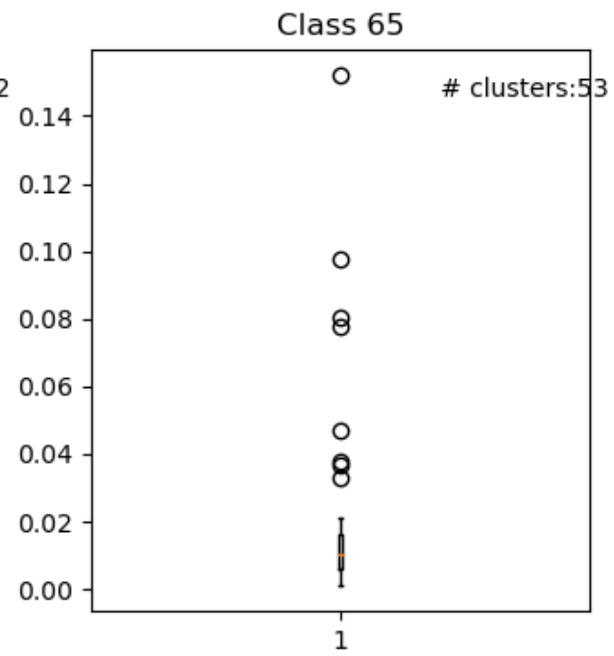
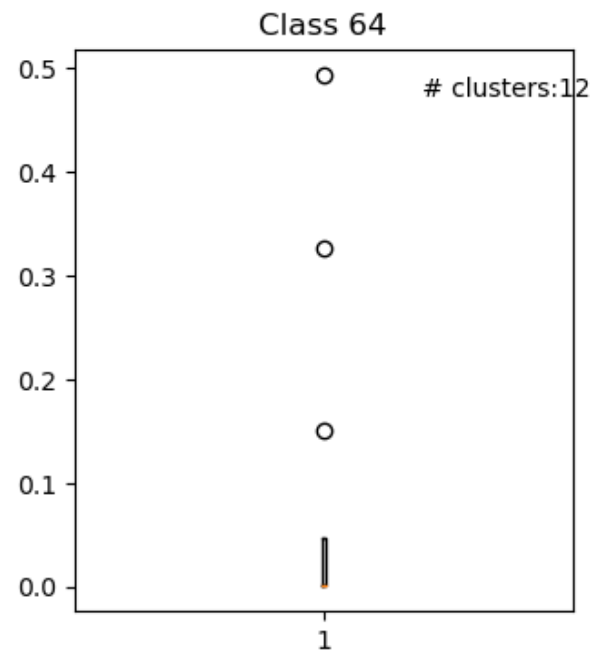
## Box plots per class of the importance of the clusters into which it has been split



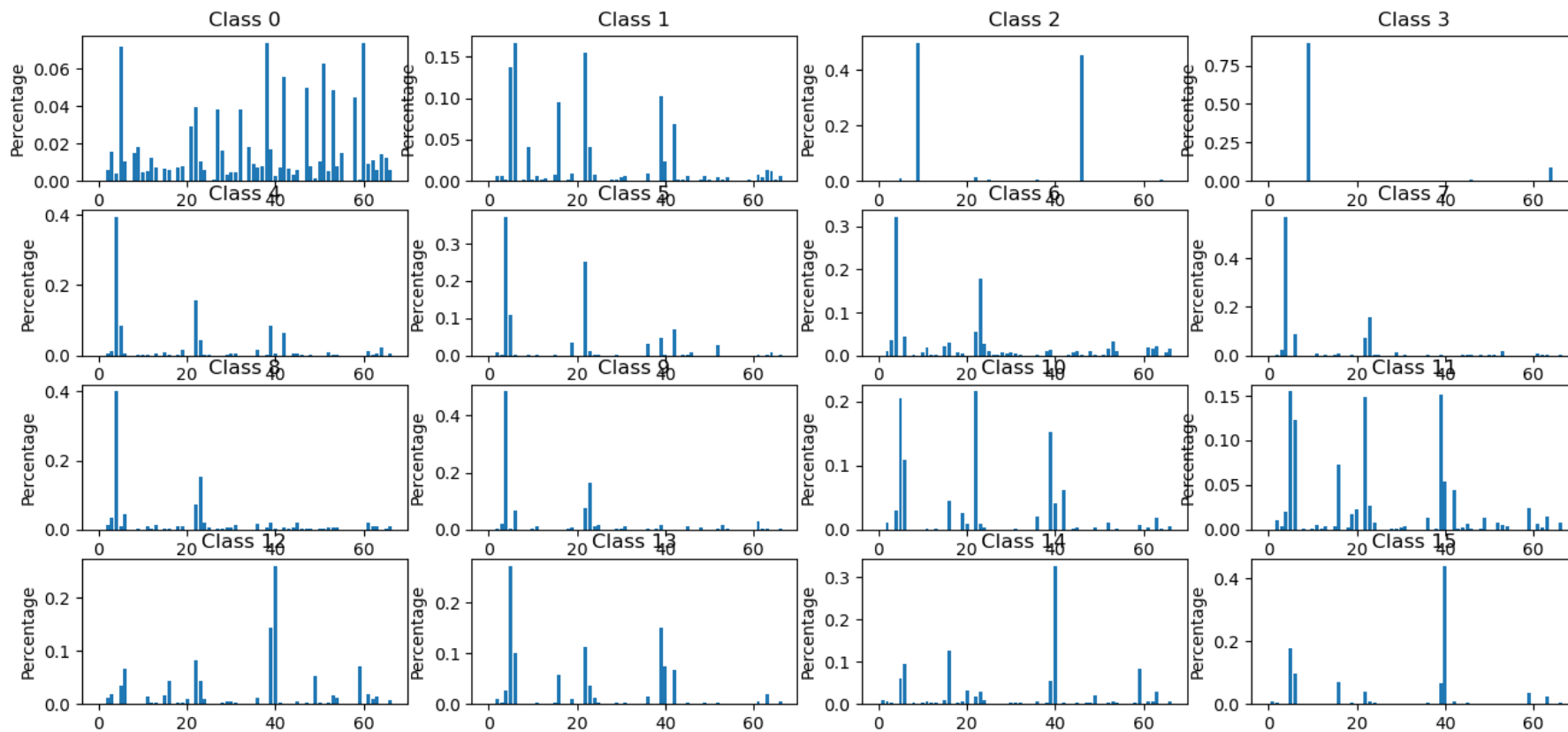


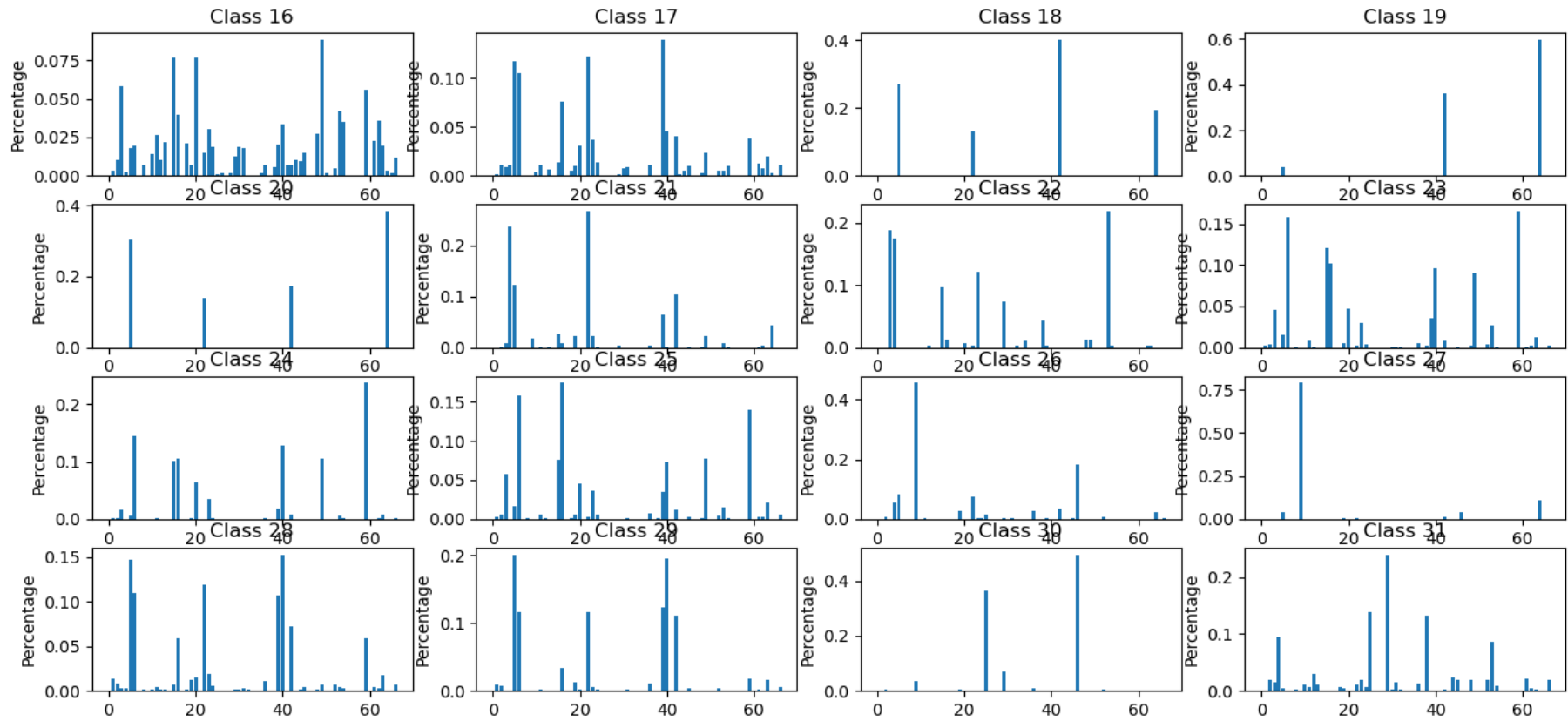




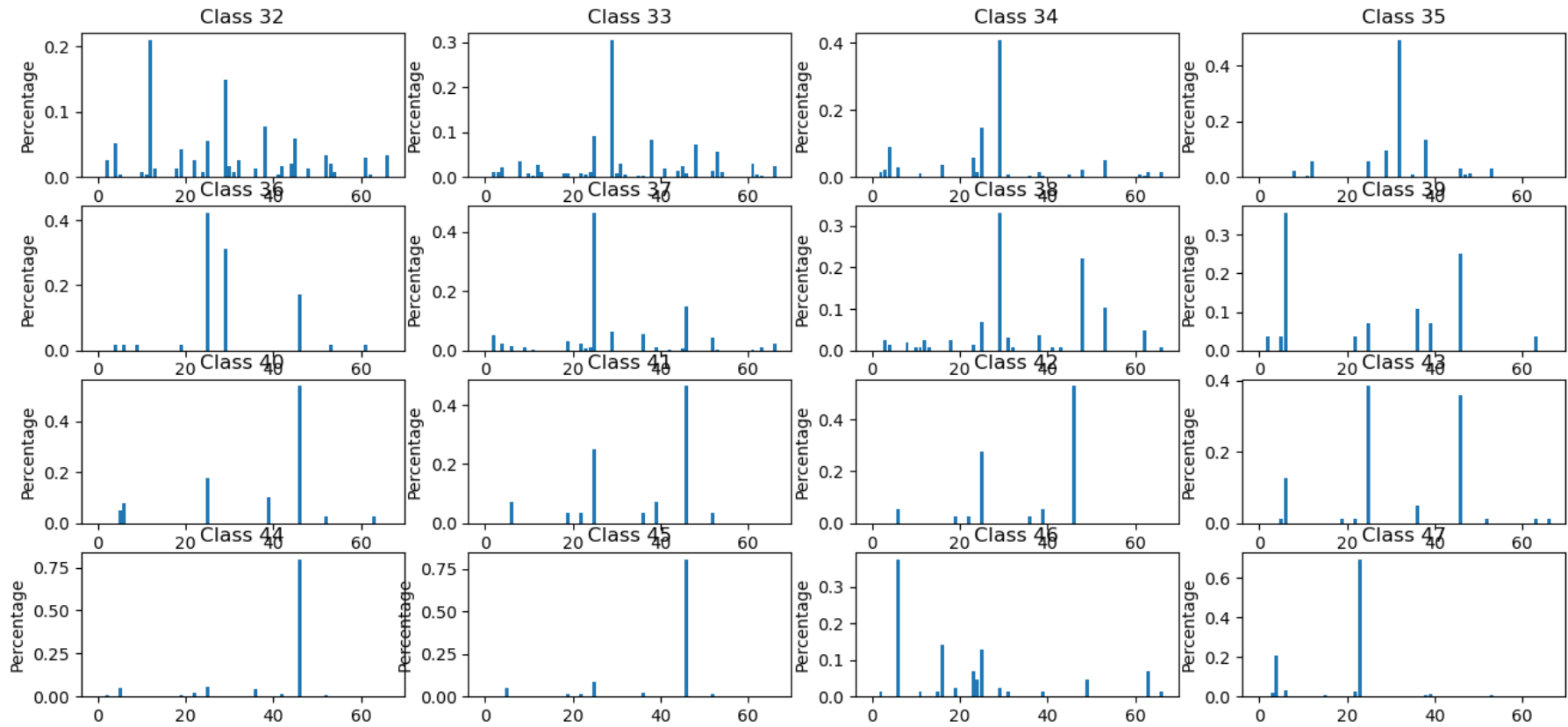


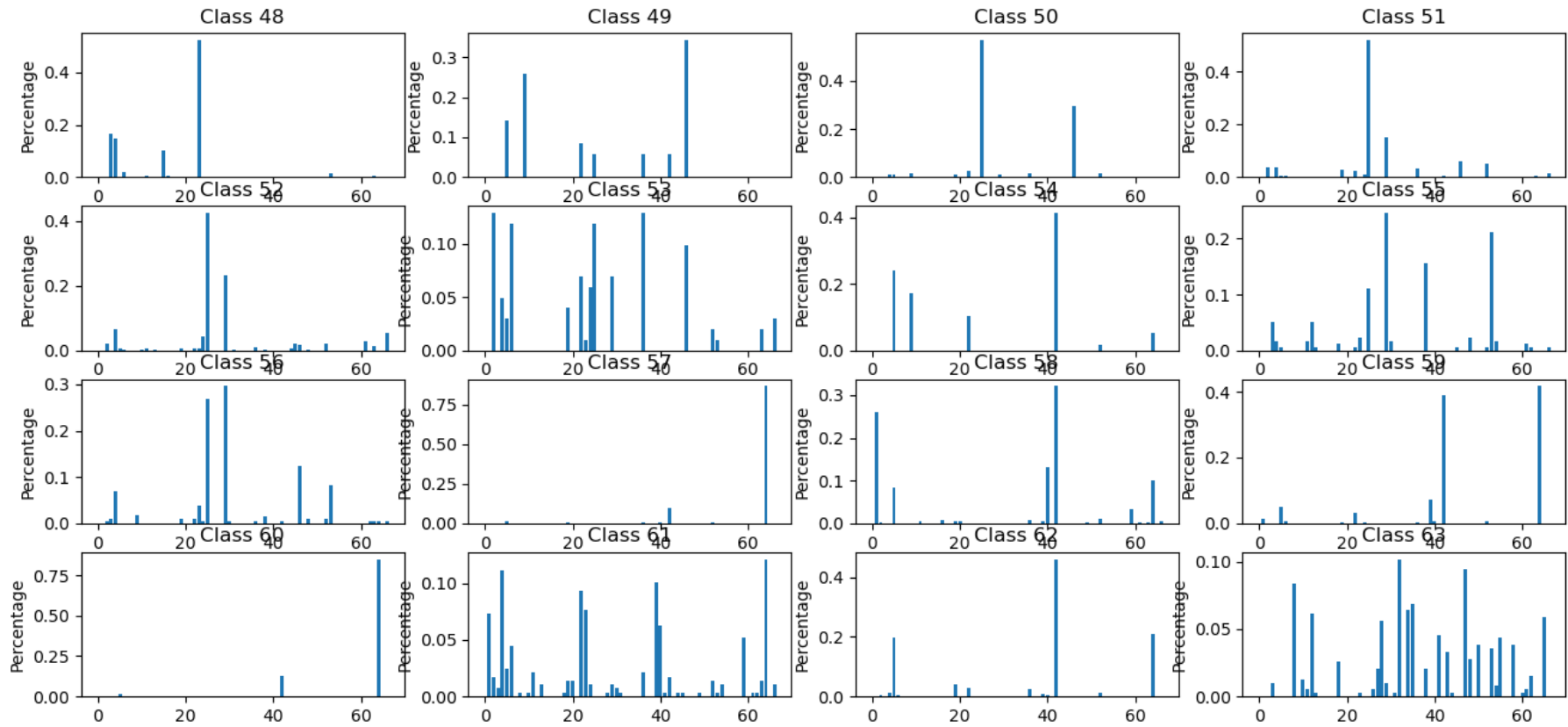
## Histograms for the repartition of the images per class in the clusters



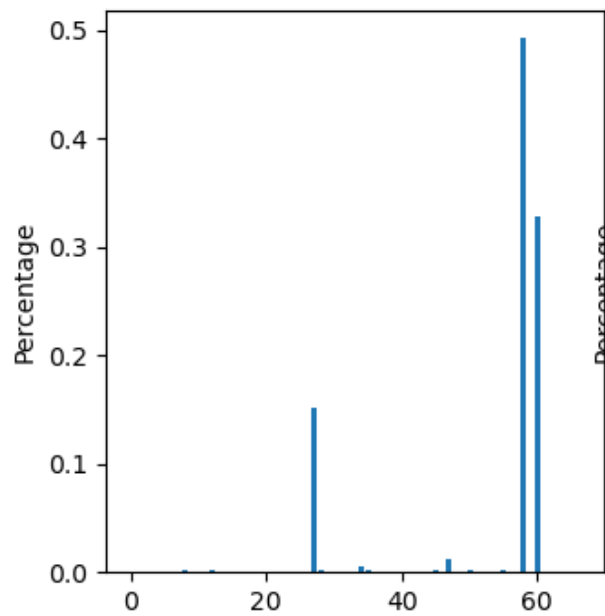




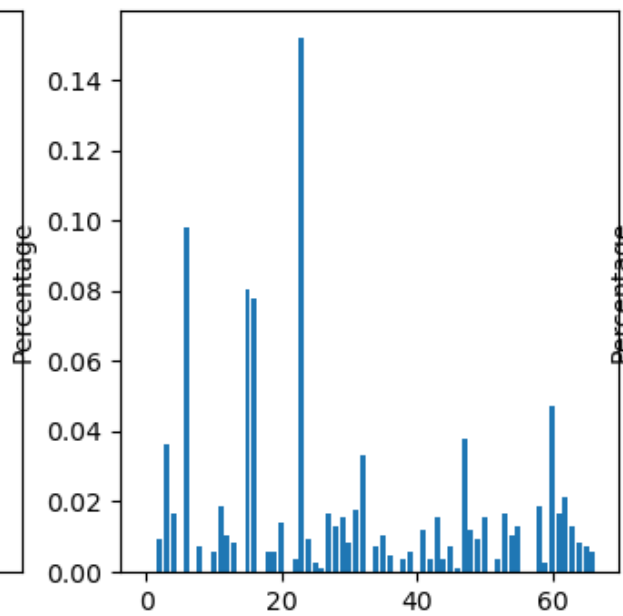




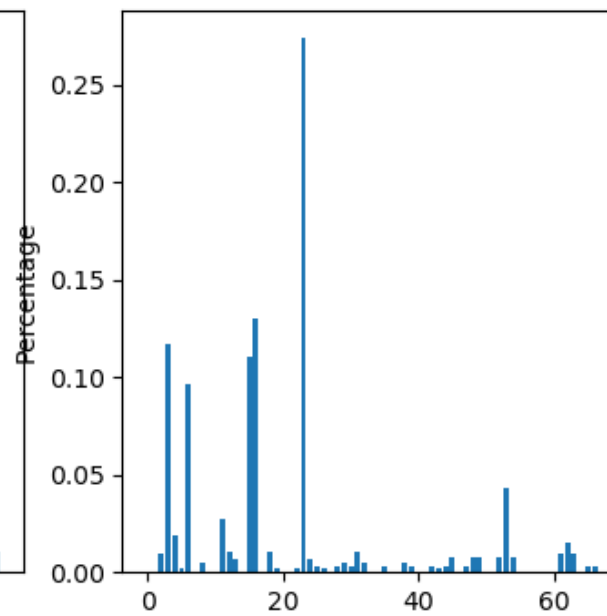
Class 64



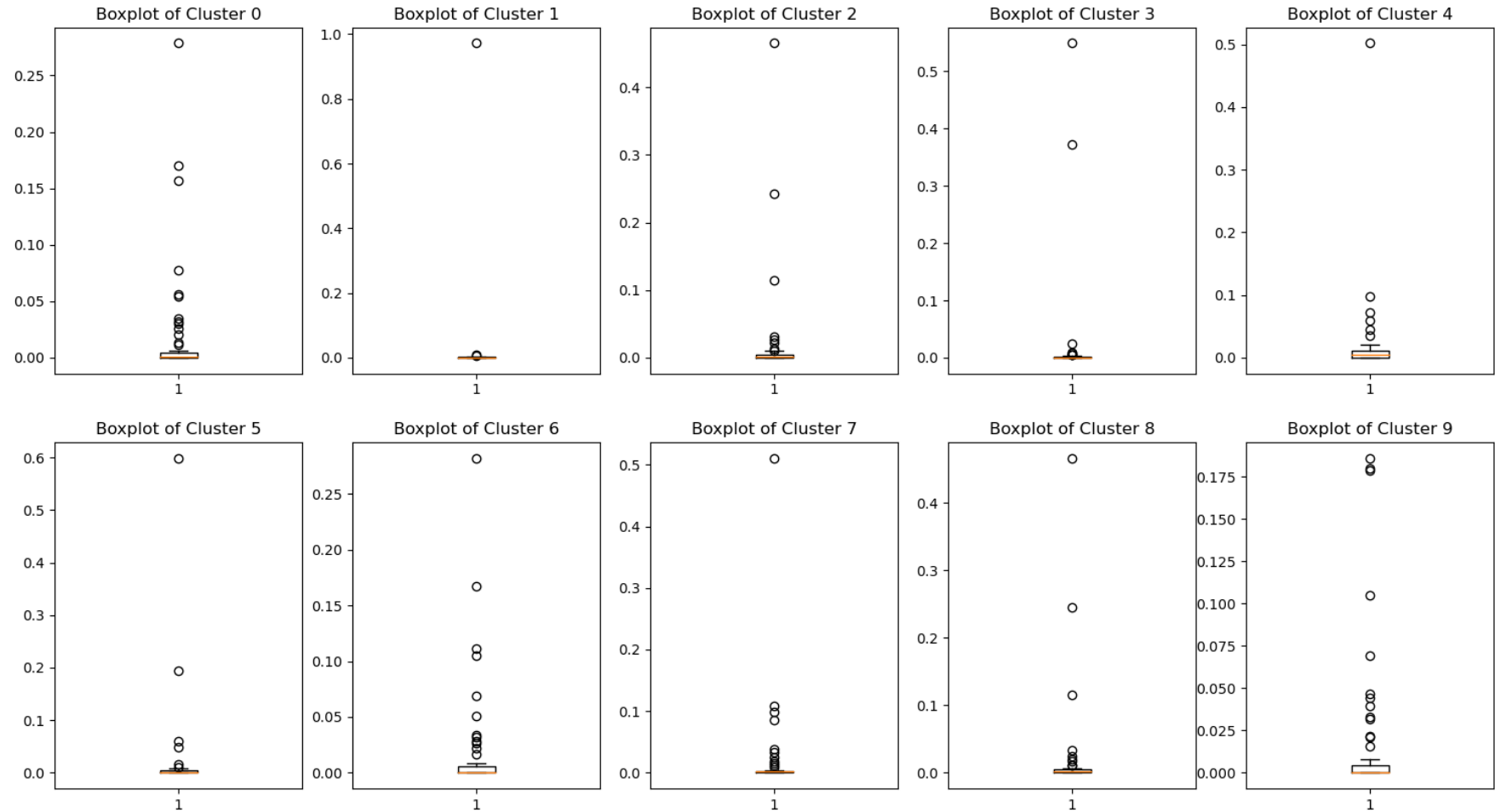
Class 65

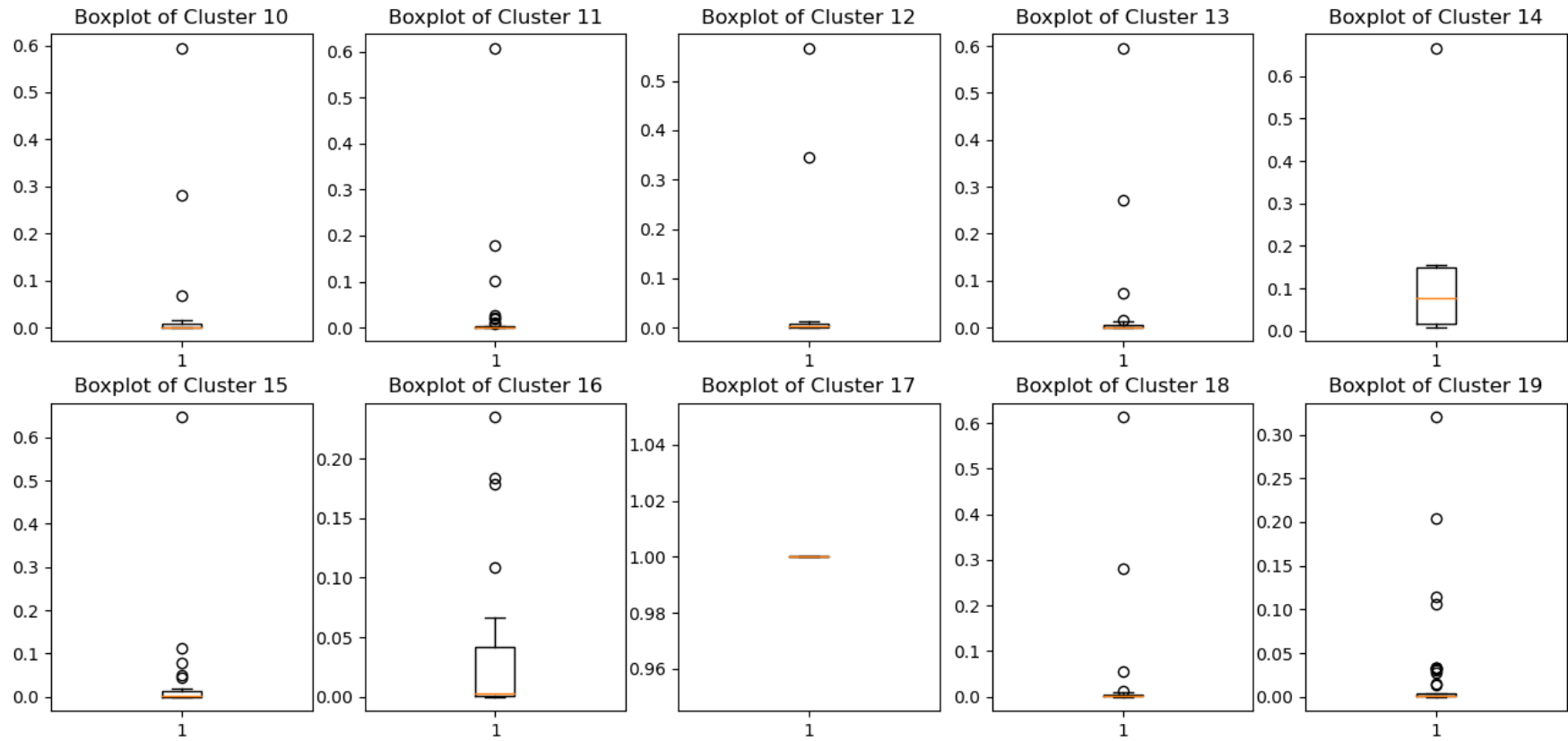


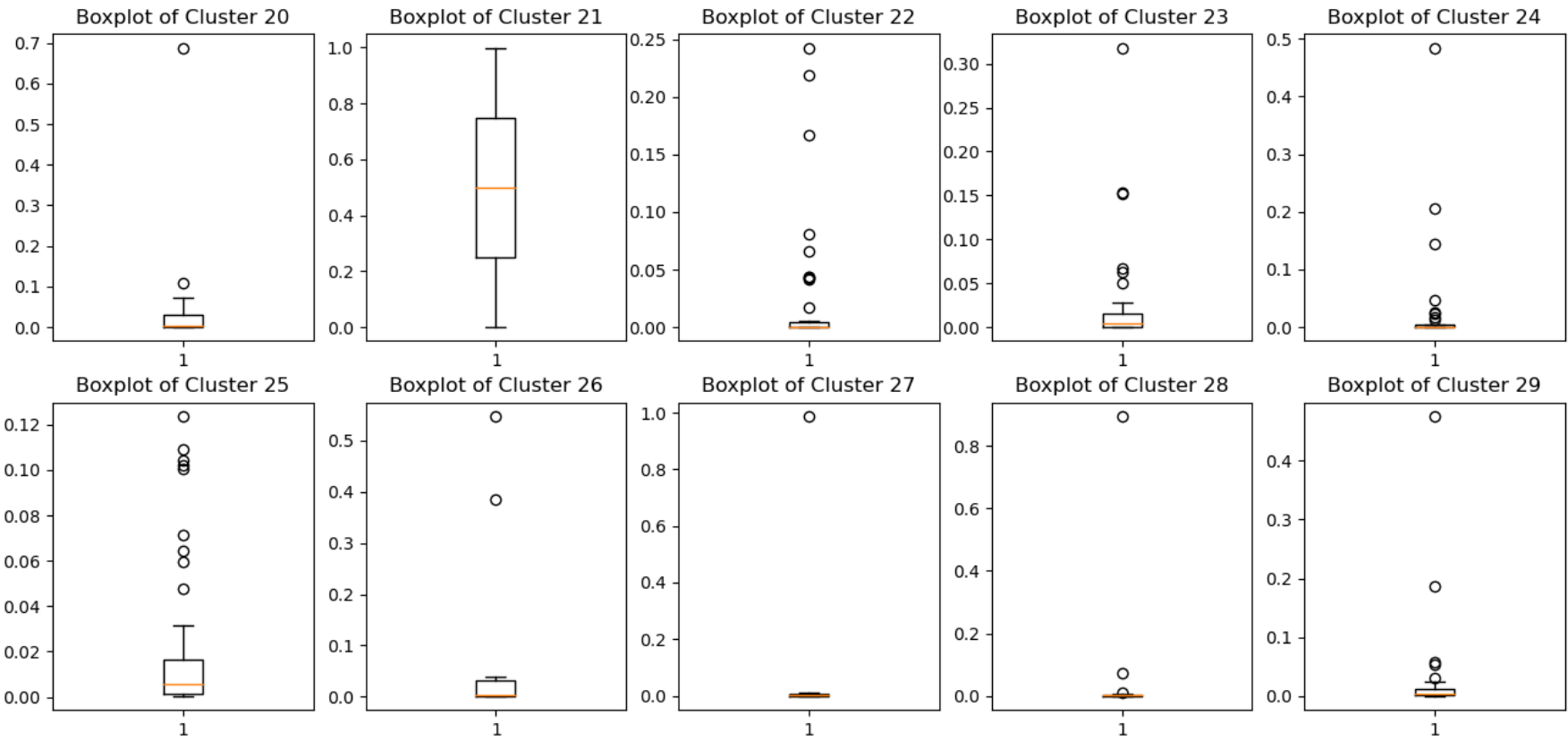
Class 66

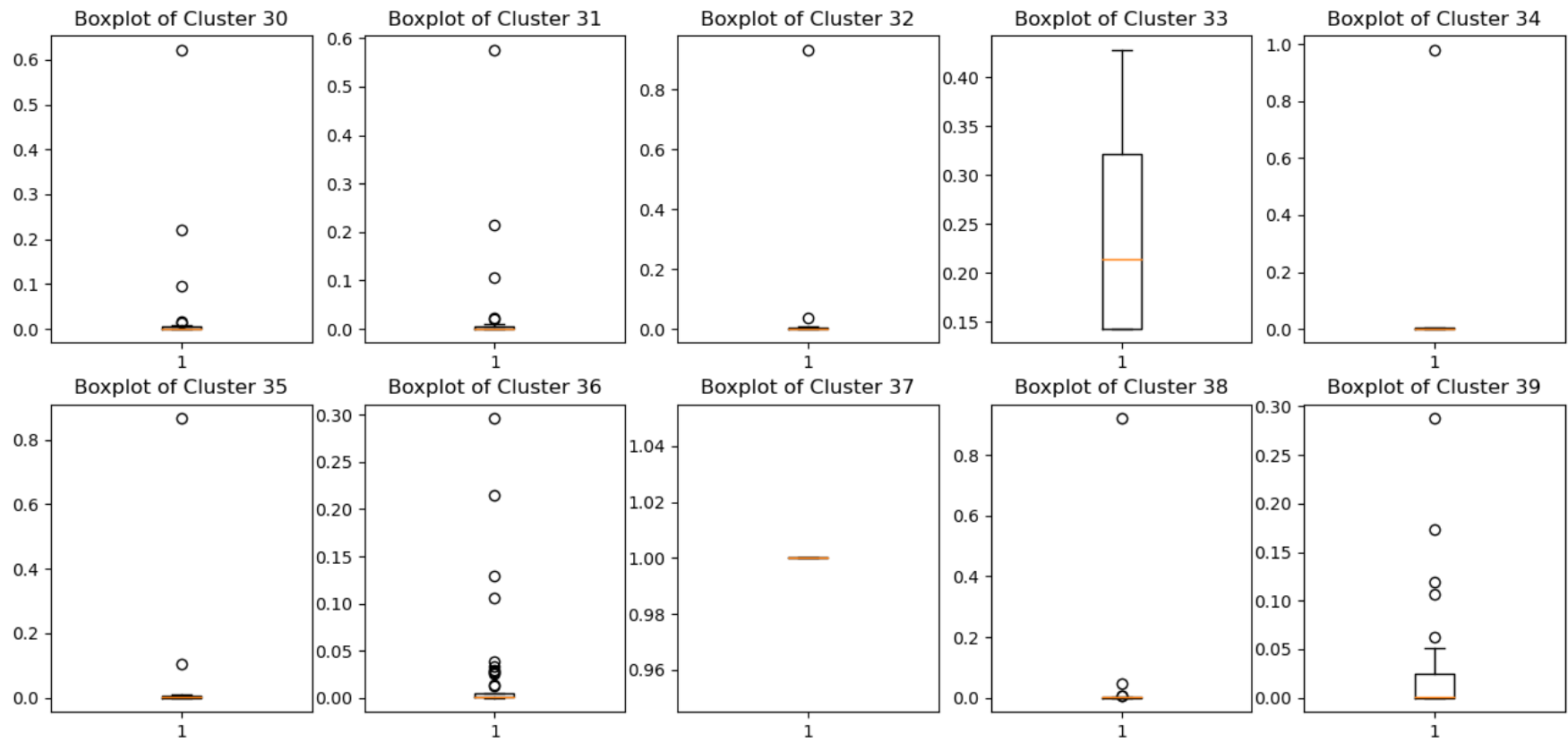


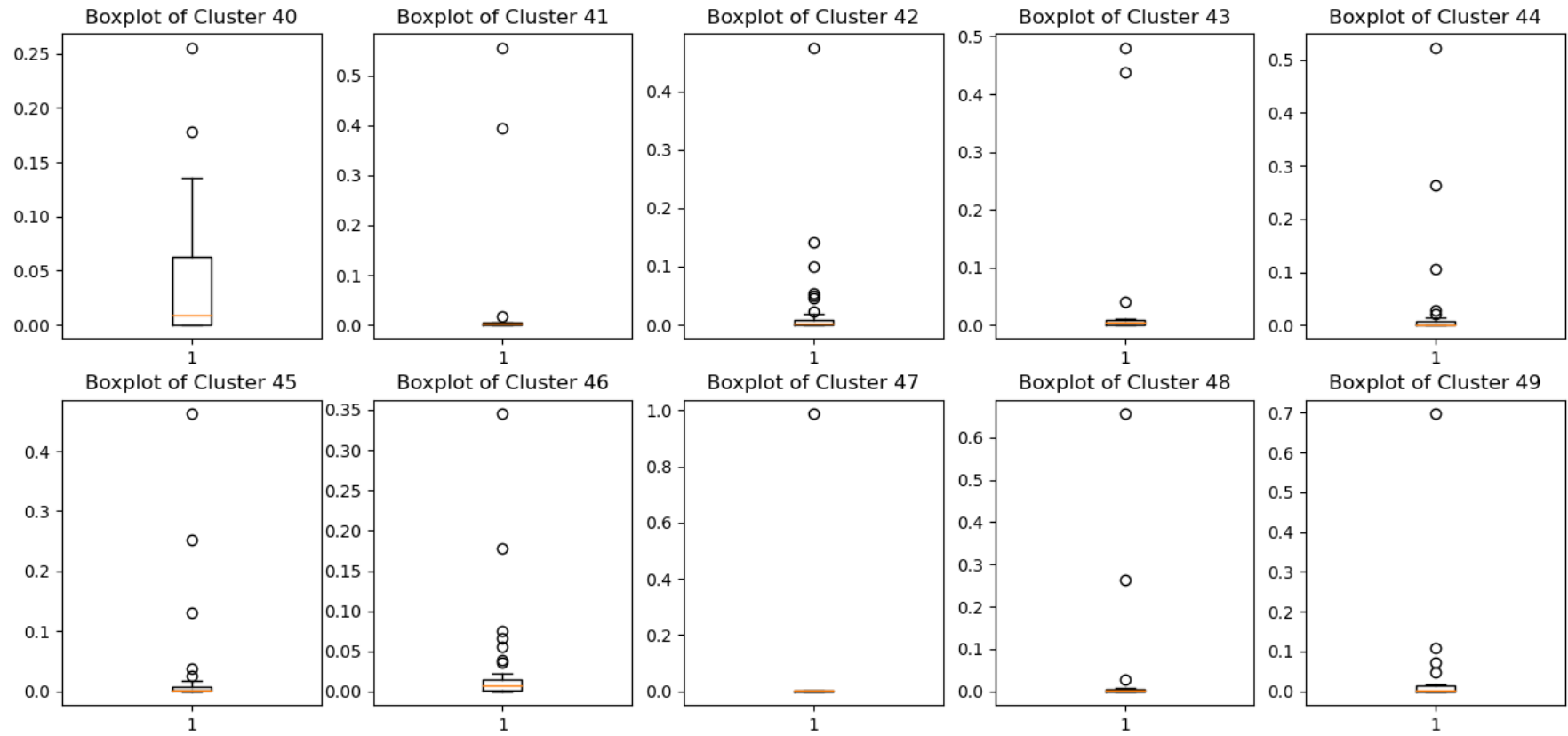
# Box plots per cluster of the importance of the classes it contains



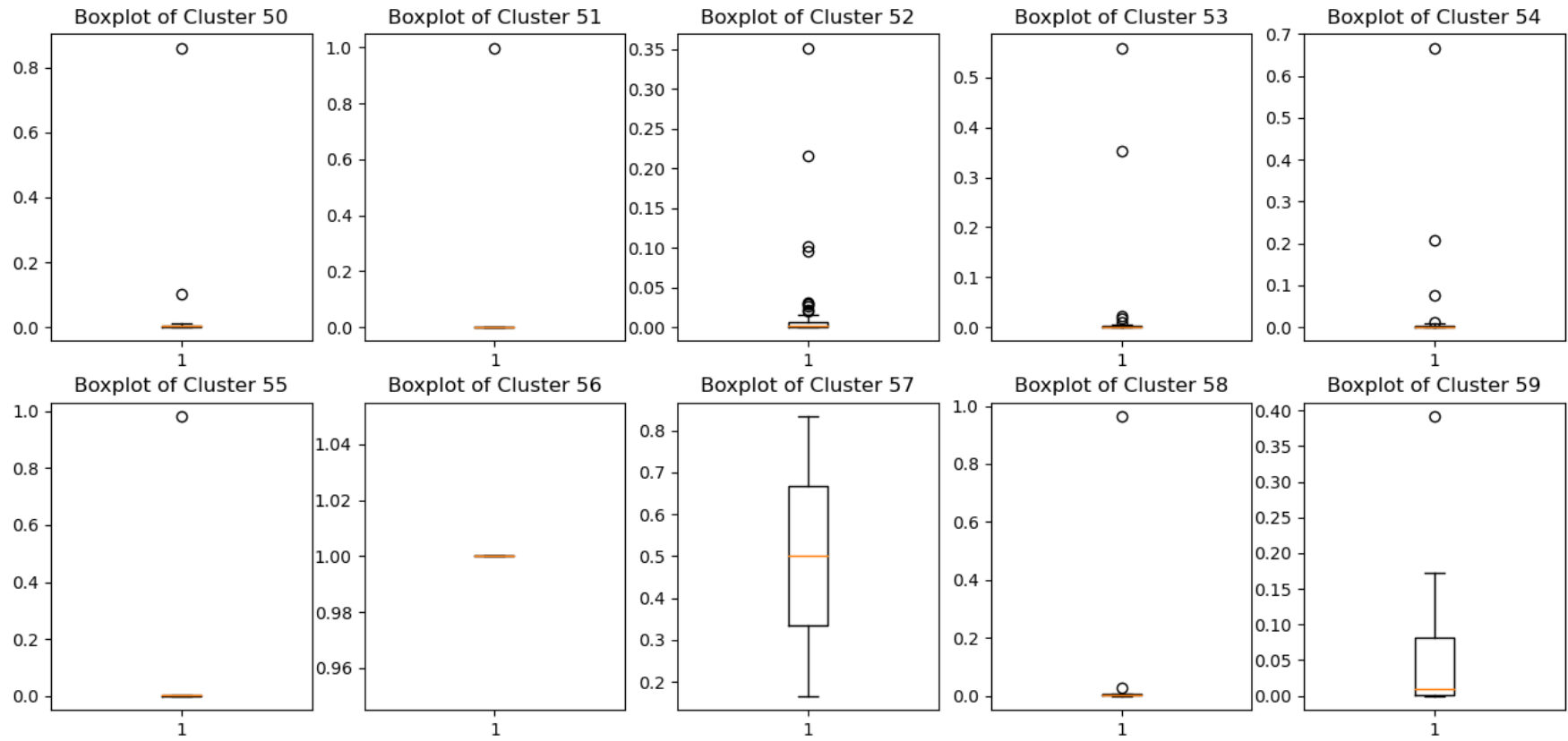


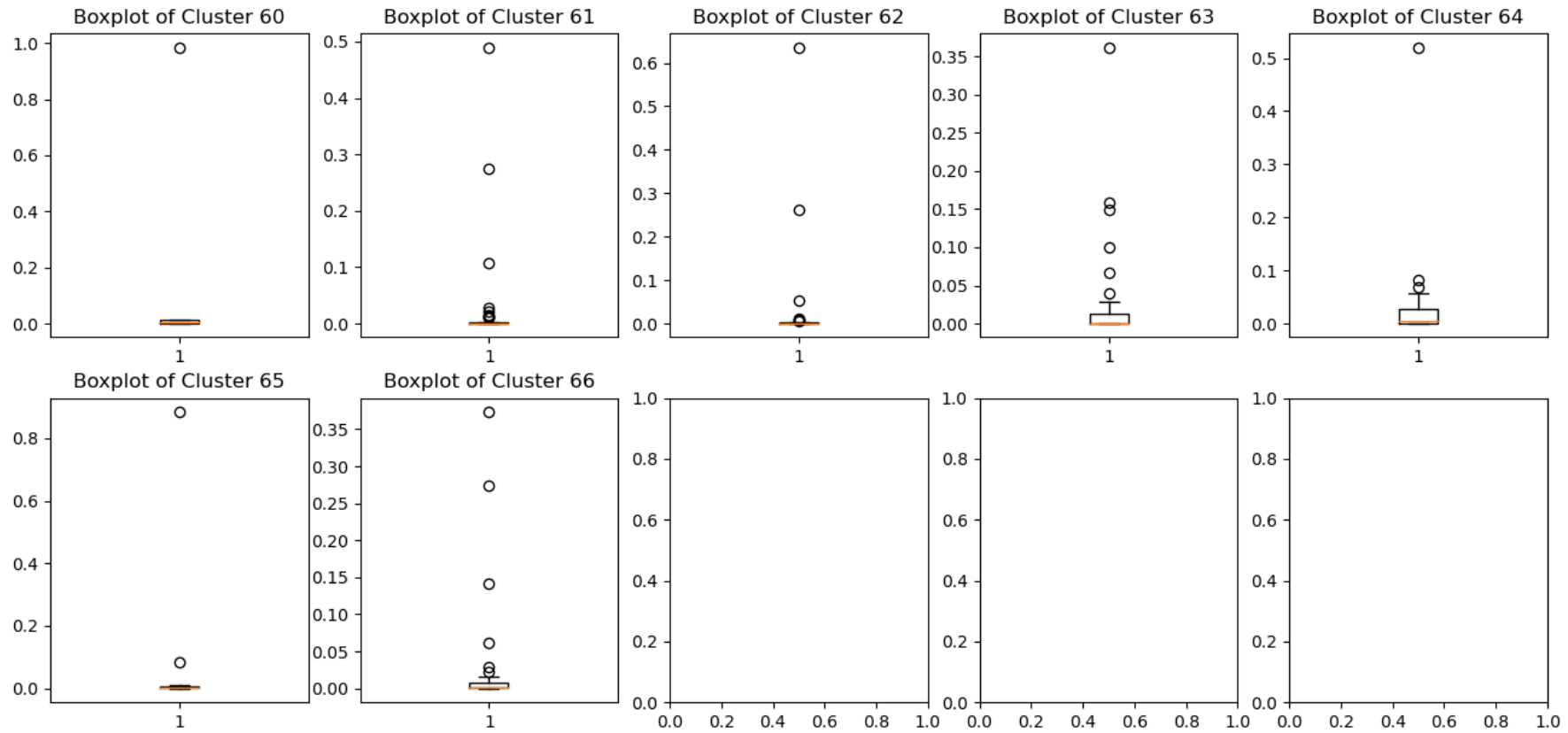




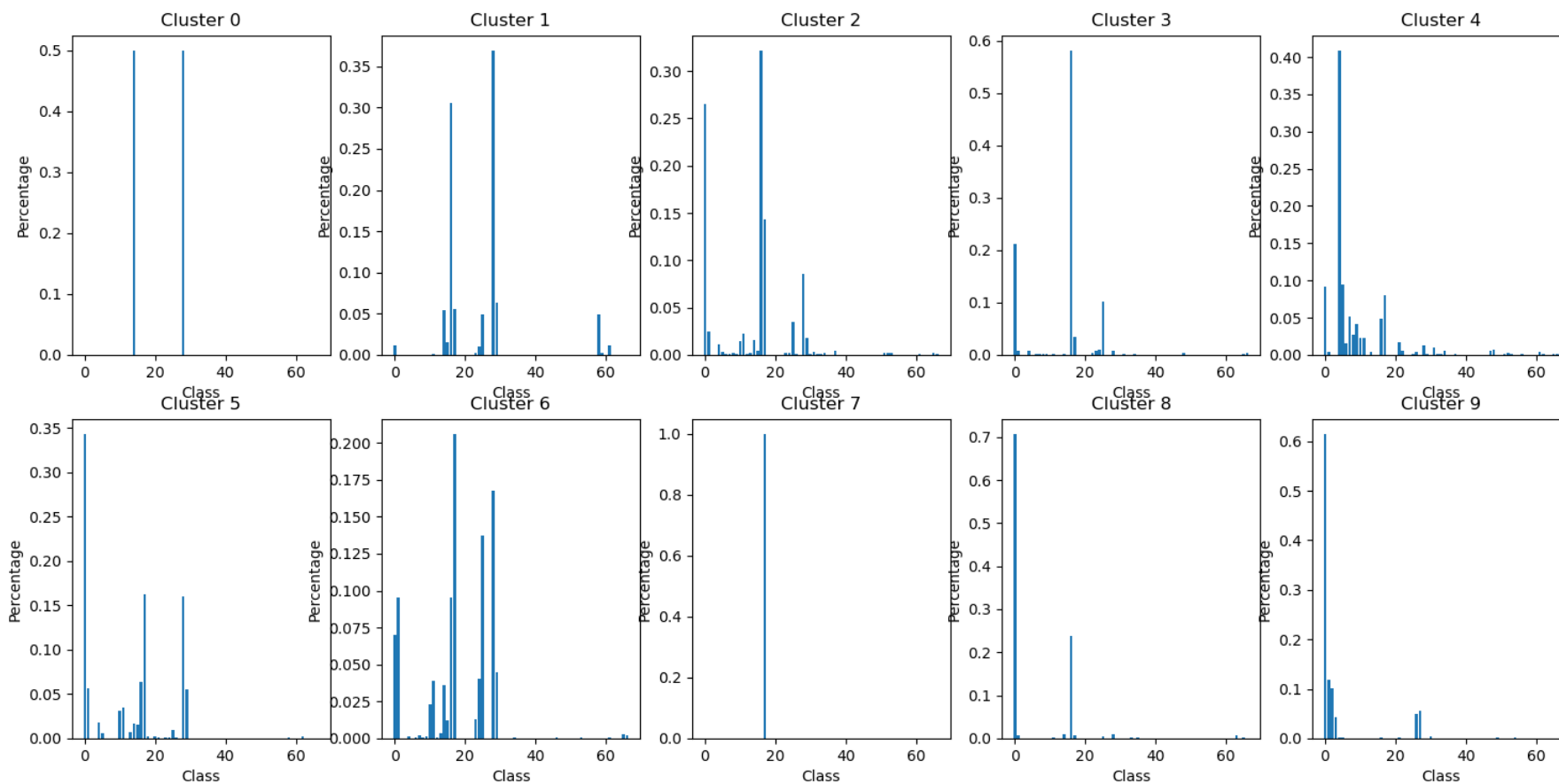


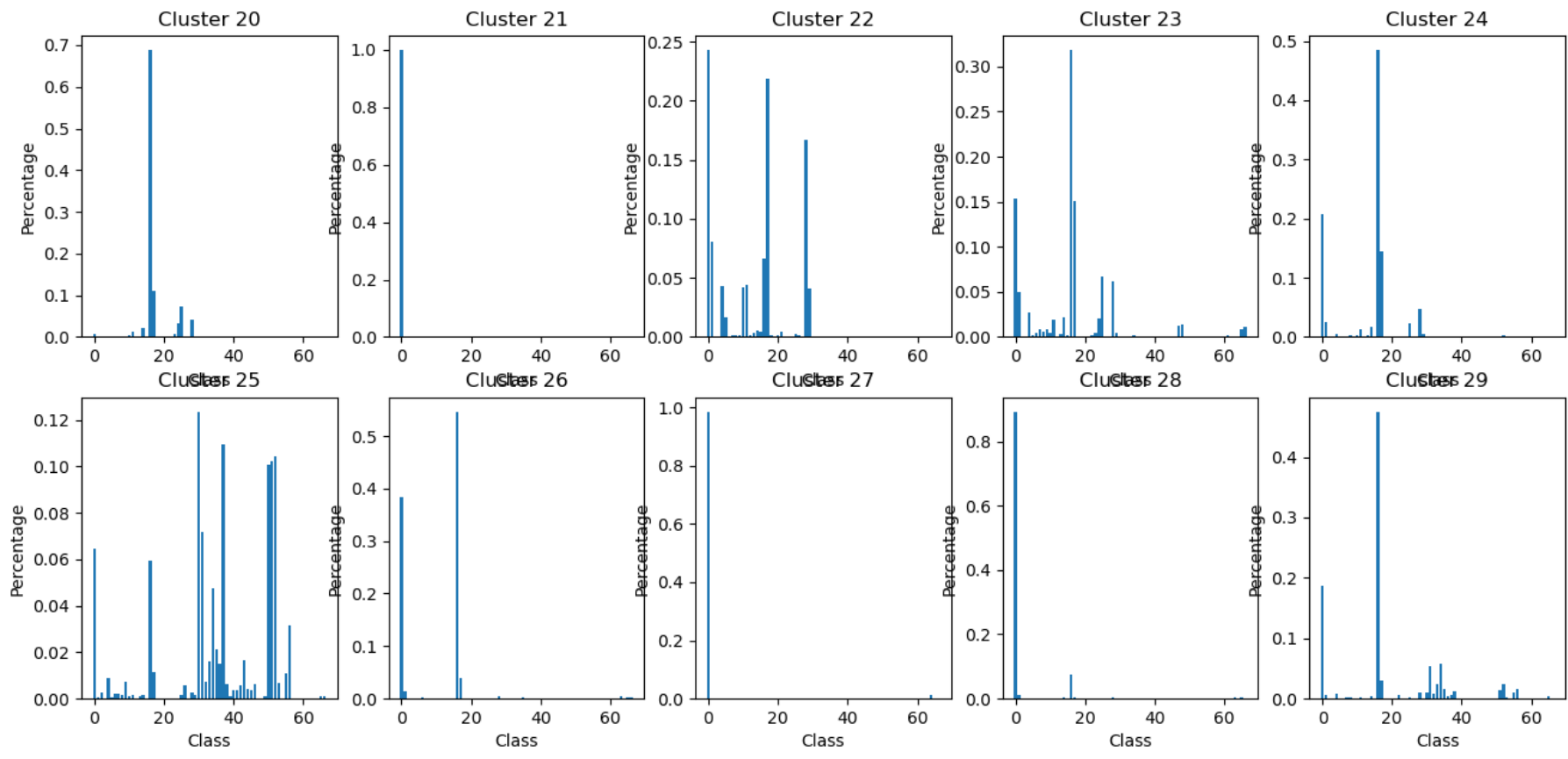


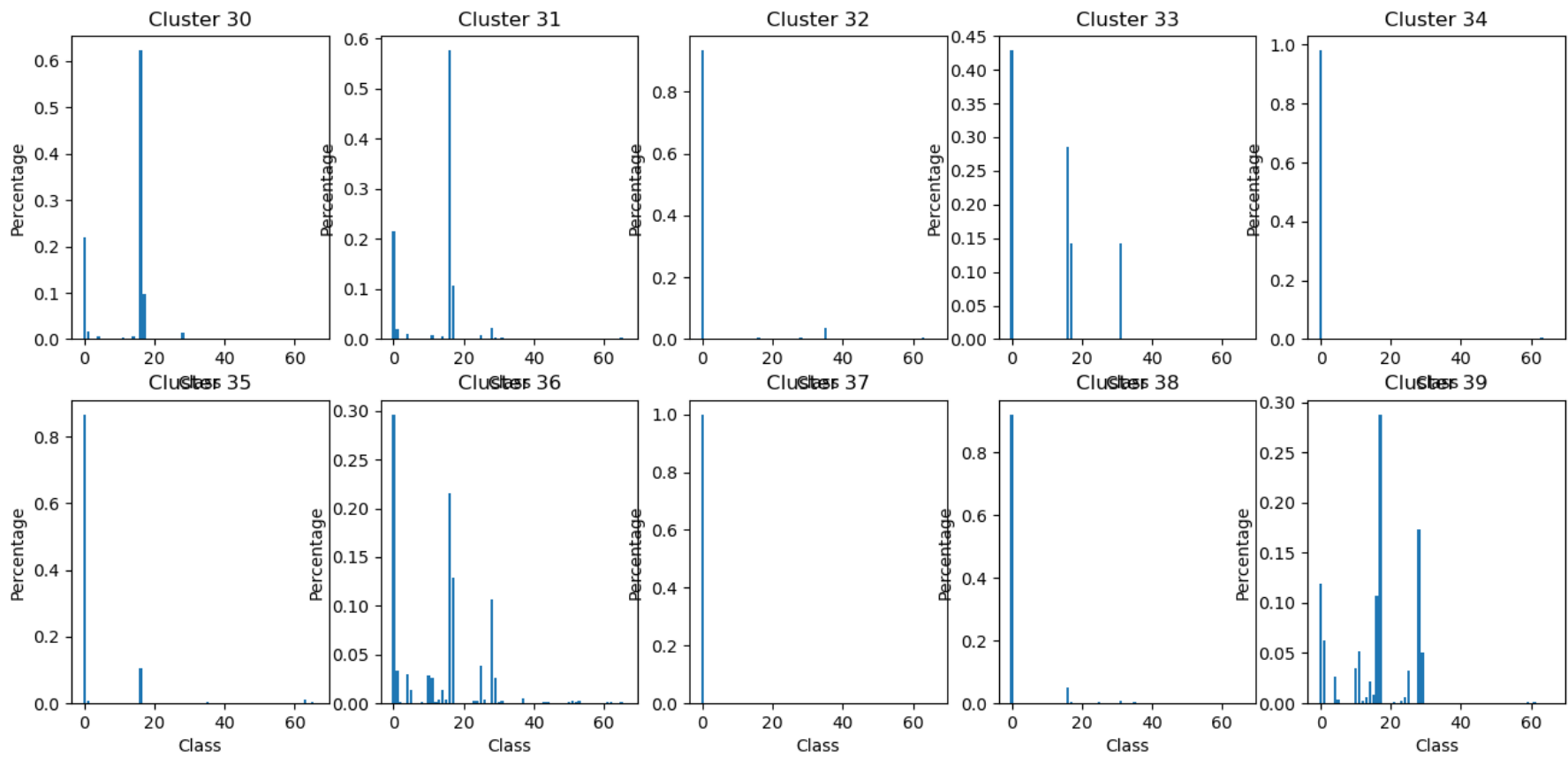


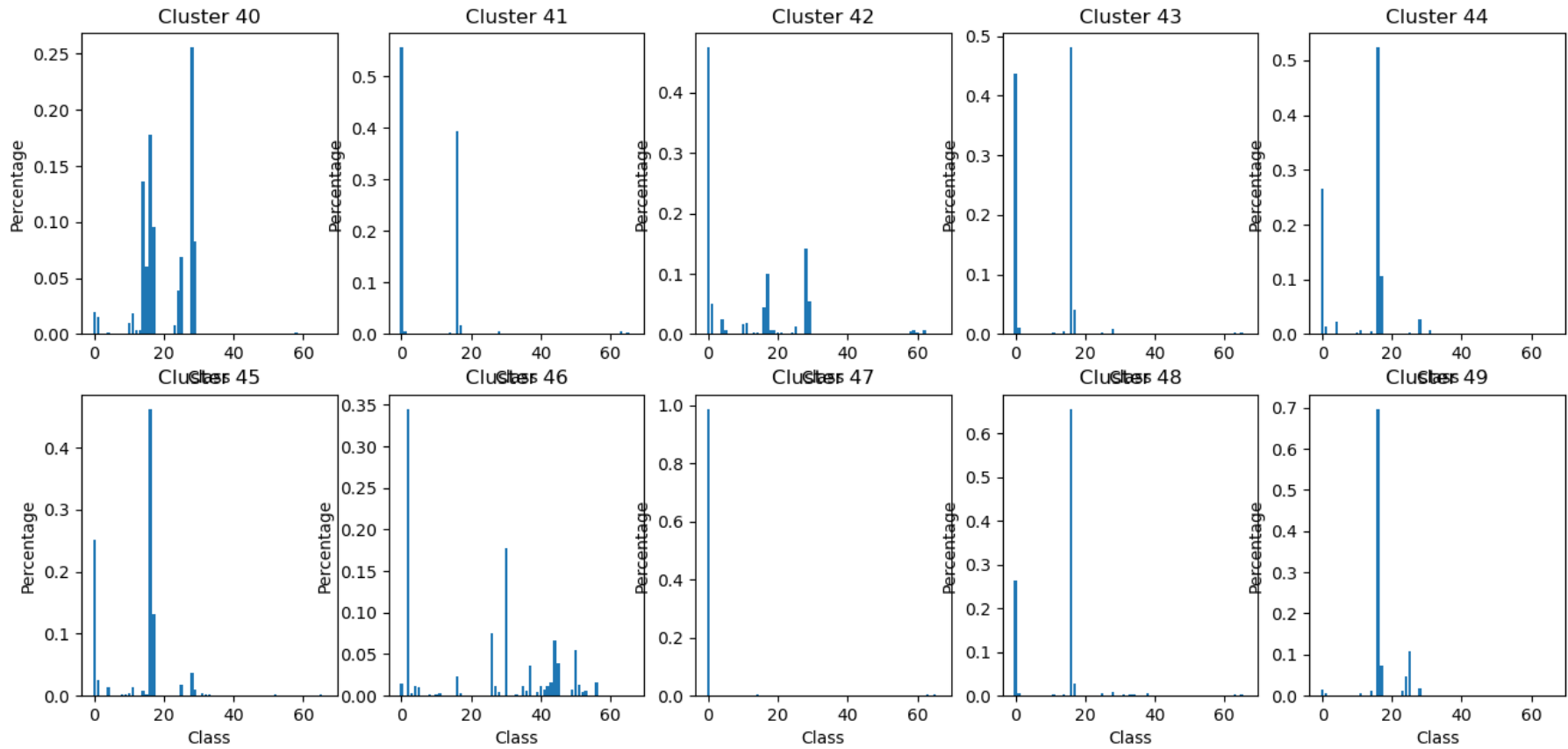


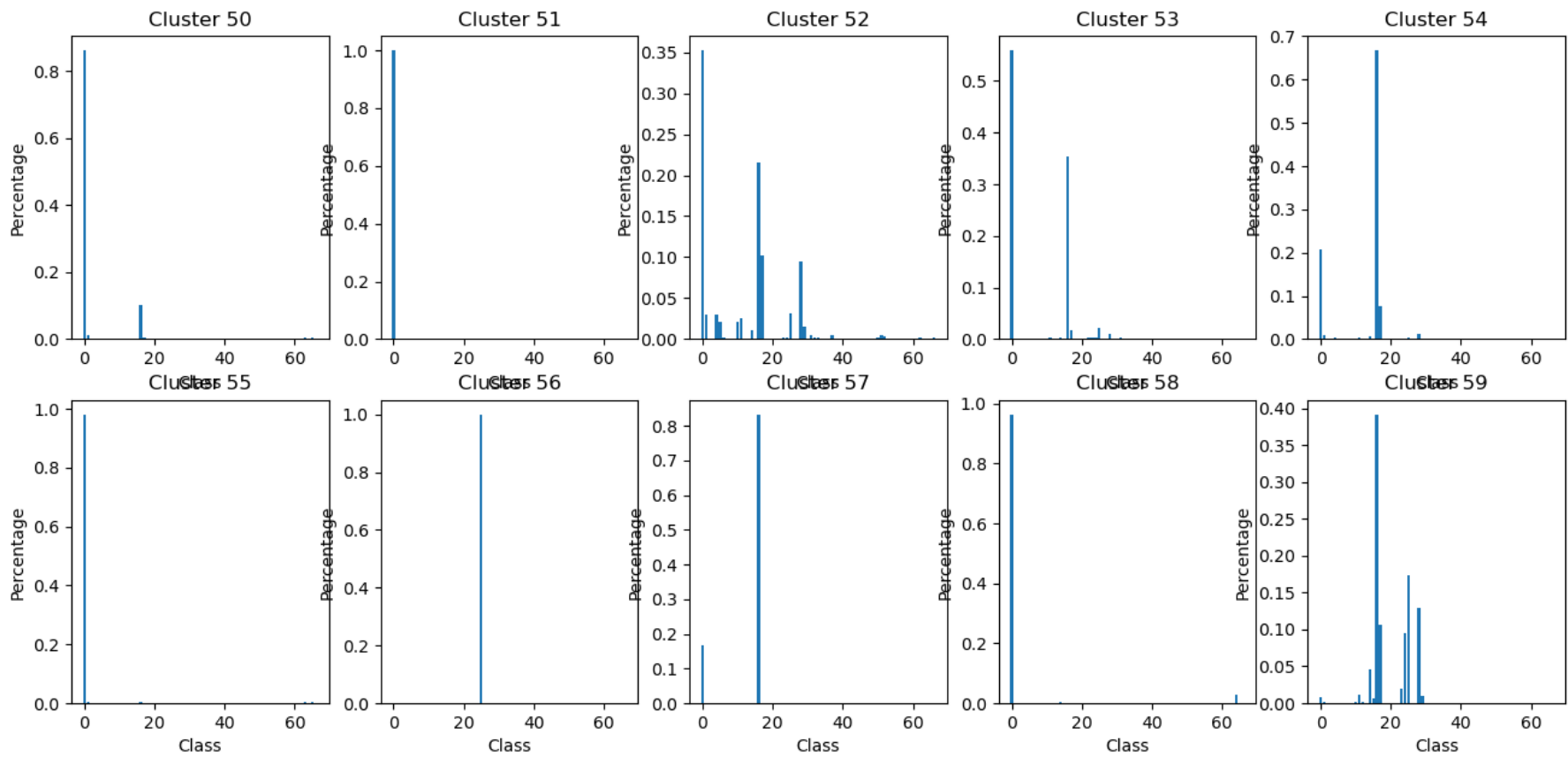
## Composition of the clusters in term of original classes







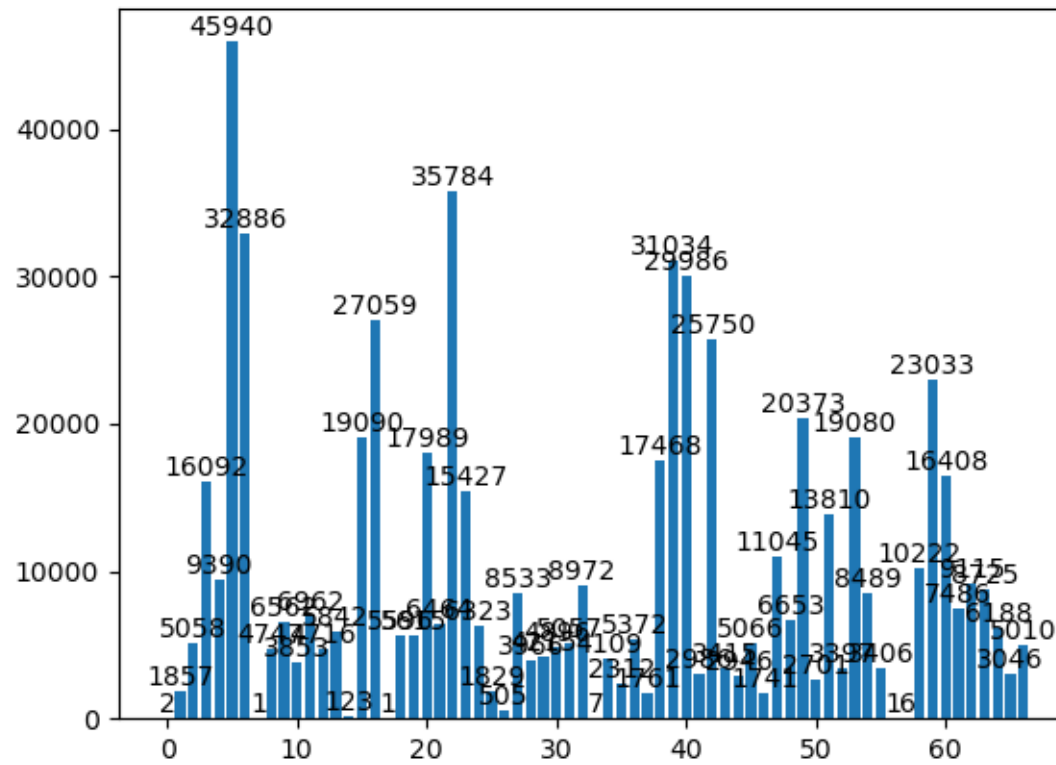








## Number of images per cluster



# Repartition of the original labels in the clusters

