

1 Hierarchical results

Our unsupervised clustering algorithm had reasonable but unpromising results. However, using a supervised implementation which guides the clustering using the correct labels produced quite promising results, summarized in table 1.

Figure 1: Supervised hierarchy results (accuracy measured in bullseye metric)

	SHREC11	MPEG7	BROWN
Without hierarchy	20.7%	75.3%	51.8%
With hierarchy	99.7%	99.3%	83.0%