

	Turkish			Greek	Carnatic				Recall
	Aksak	Düyek	Curcuna	Cretan	Ādi	Rūpaka	M.chāpu	K.chāpu	
Aksak	21	7	2	2					66
Düyek		23	2	5					77
Curcuna	1	3	13	2				1	65
Cretan	3	5		29	3	2			69
Ādi					14	8	1	7	47
Rūpaka					3	19	1	7	63
M.chāpu					2	1	16	11	53
K.chāpu						4	1	23	82
Precision	84	61	76	76	64	56	84	47	

Table 2: Confusion matrix of the style classification of the large HMM (Ex-2). The rows refer to the true style and the columns to the predicted style. The empty blocks are zeros (omitted for clarity of presentation).

amount of model parameters. In the context of the HMM inference scheme applied in this paper this implies an increasingly large hidden-parameter state-space. However, we believe that this large parameter space can be handled by using more efficient inference schemes such as Monte Carlo methods.

Finally, we believe that the adaptability of a music processing system to new, unseen material is an important design aspect. Our results imply that in order to extend meter inference to new styles, at least some amount of human annotation is needed. If there exist music styles where adaptation can be achieved without human input remains an important point for future discussions.

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7. REFERENCES

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