

Figure 20. The distance matrix obtained from the listening tests for the Middle Eastern and Mediterranean *dum-tak* rhythms

	Baladii	Darb-as-sarl	Dawr-hindii	Grantchasko	Laz	Maqsum	Samaaii	Sayyidii	Sombati
Baladii	0	3.36	3.84	7.40	7.36	2.60	6.28	2.56	5.88
Darb-as-sarl	3.36	0	4.00	6.56	7.56	3.52	5.84	3.04	3.96
Dawr-hindii	3.84	4.00	0	6.80	6.80	3.64	3.52	5.48	3.56
Grantchasko	7.40	6.56	6.80	0	6.32	6.52	6.80	7.04	7.40
Laz	7.36	7.56	6.80	6.32	0	6.60	5.88	7.32	6.96
Maqsum	2.60	3.52	3.64	6.52	6.60	0	5.64	1.88	3.40
Samaaii	6.28	5.84	3.52	6.80	5.88	5.64	0	6.48	6.04
Sayyidii	2.56	3.04	5.48	7.04	7.32	1.88	6.48	0	3.04
Sombati	5.88	3.96	3.56	7.40	6.96	3.40	6.04	3.04	0
TOTAL	39.28	37.84	37.64	54.84	54.8	33.8	46.48	36.84	40.24