

KUG *Dastgāhi* Corpus

An Open Corpus for Computational Research of *Dastgāhi* Music

Iranian *Dastgāhi* Music

guše: modal entities defined by a model melody built on a specific intervallic structure, a series of characteristic melodic patterns, and a modal centre known as *šāhed*.

dastgāh and **āwāz:** specific collections of *guše*s.

šāhed: modal center of a *guše*.

ist: end pitch for most phrases in a *guše*.

radif: a canonical version of the *dastgāhs* and *āwāzes* fixed by a particular master (*ostād*).

		Performance		<i>Šāhed</i>	<i>Ist</i>	Pitch Set	<i>Radif</i>	
<i>Dastgāh</i>	<i>Čāhārgāh</i>	7	9:02	5	3	2	5	5:21
	<i>Homāyun</i>	5	7:35	5	4	2	3	3:50
	<i>Māhur</i>	6	8:37	5	2	2	3	2:03
	<i>Navā</i>	6	9:19	5	4	2	3	4:01
	<i>Rāst-Panjgāh</i>	4	5:56	4	3	2	2	2:15
	<i>Segāh</i>	5	8:57	5	2	2	3	2:12
	<i>Šur</i>	7	9:55	5	2	2	3	2:12
<i>Āvāz</i>	<i>Abuatā</i>	5	6:47	5	3	1	2	2:01
	<i>Afšāri</i>	5	9:36	5	4	1	2	1:56
	<i>Bayāt-e Tork</i>	5	8:03	5	3	1	2	1:47
	<i>Dašti</i>	5	6:53	5	4	1	2	2:10
	<i>Esfahān</i>	5	9:21	5	3	2	2	2:40
Total		65	100:01	59	38	20	31	31:40



Massoud Shaari



Farahnaz Sahebghalam



Reza Zalpour

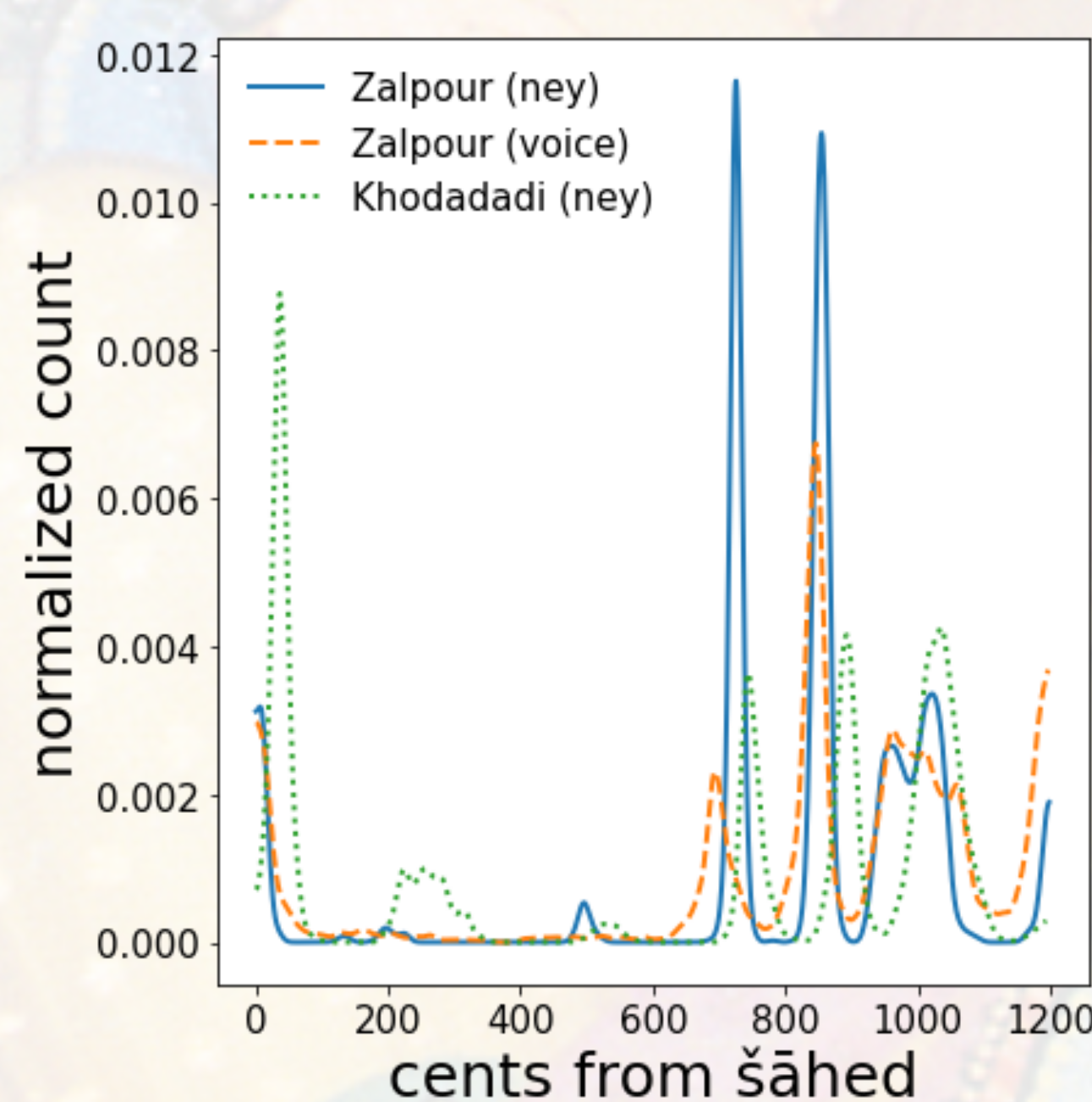


Mohammad Khodadadi

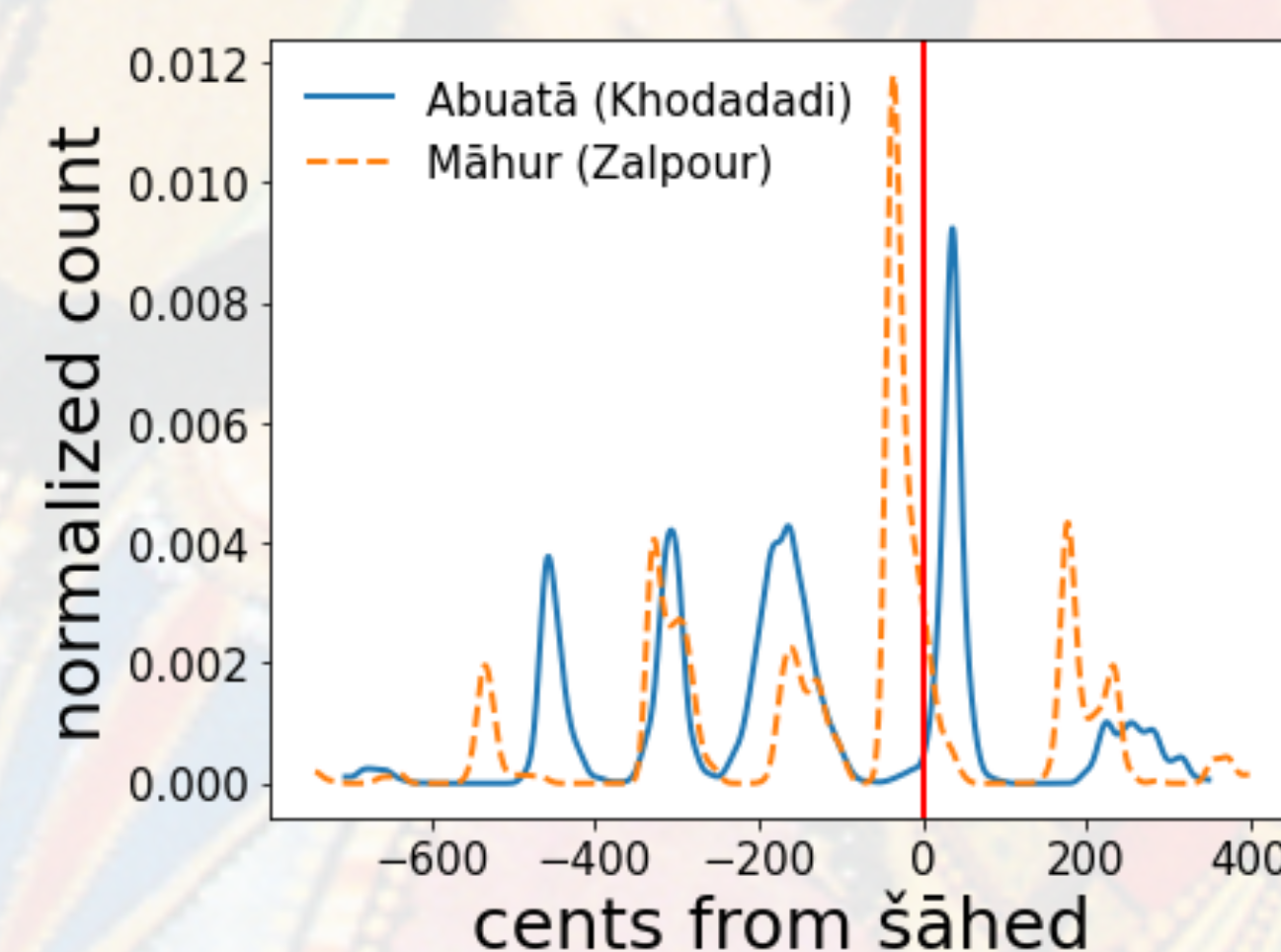


Šāhed

darāmad abuatā



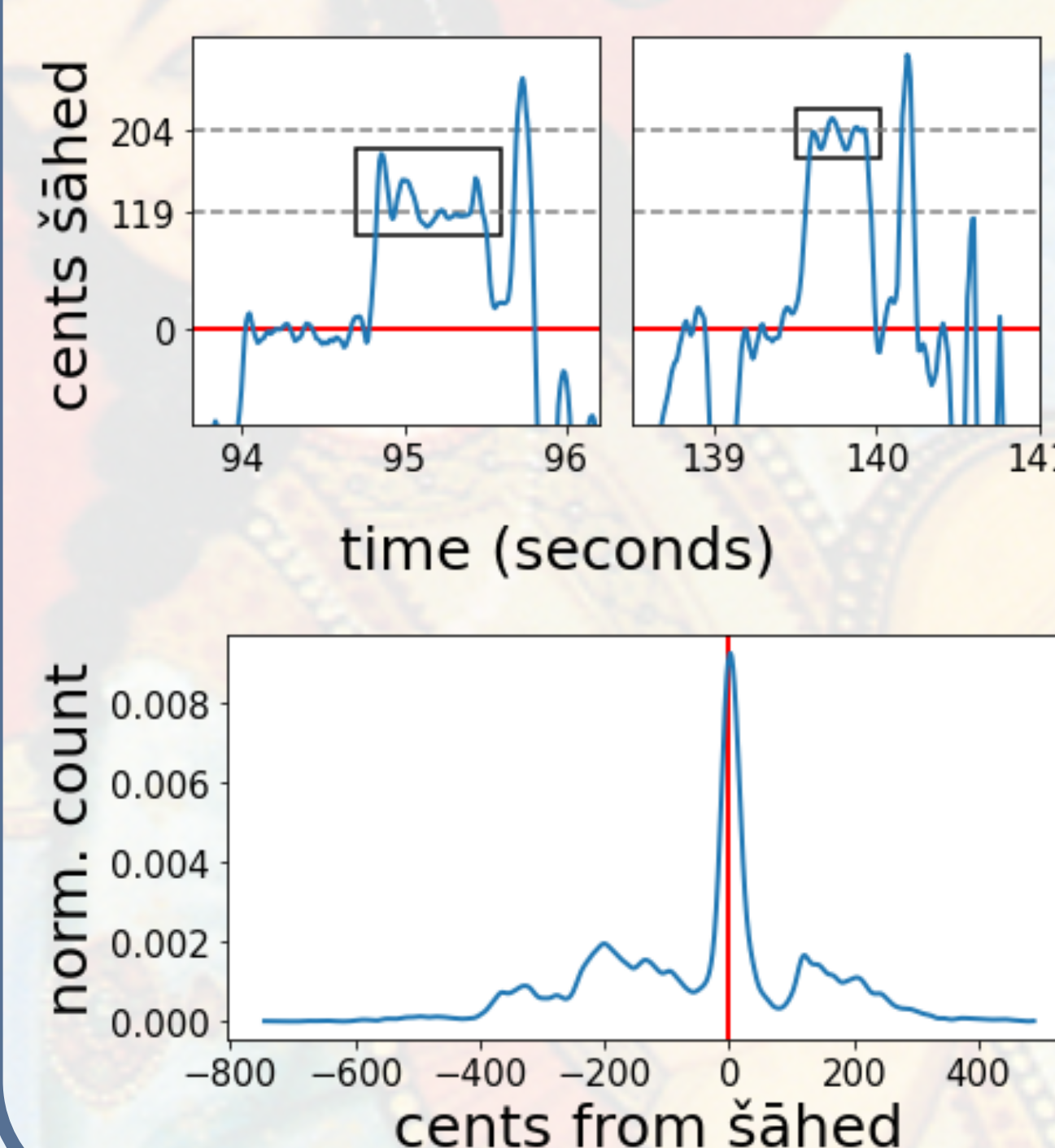
Intonation



Mus. (inst.)	Mean	SD	Lowest	Highest
Saheb. (voice)	4.19	10.28	-10.11	28.10
Zalp. (voice)	6.92	7.26	-5.02	16.46
Zalp. (ney)	-3.19	16.87	-35.43	23.99
Khod. (ney)	13.95	13.70	-7.69	37.07

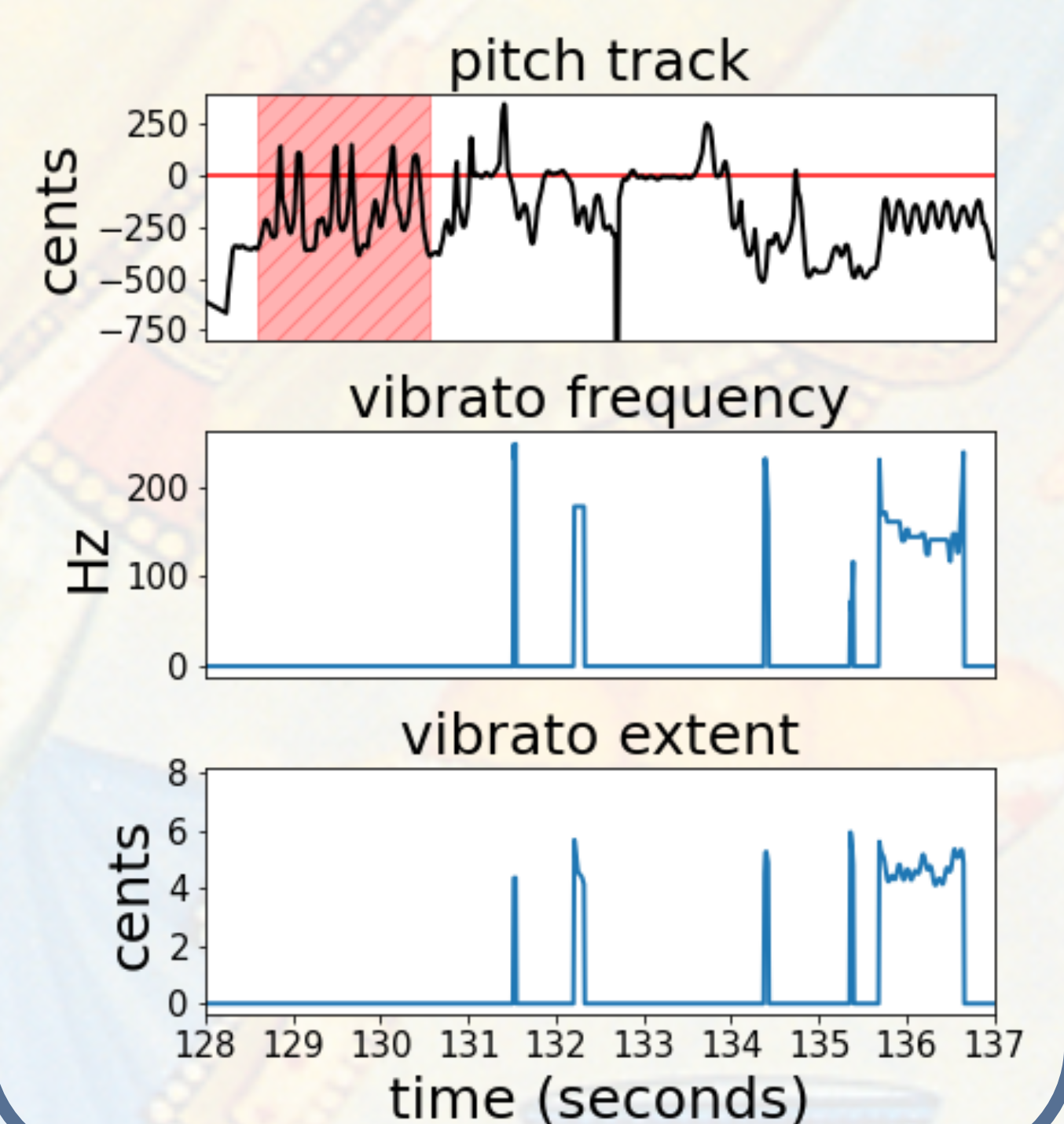
Pitch alteration

darāmad afšāri



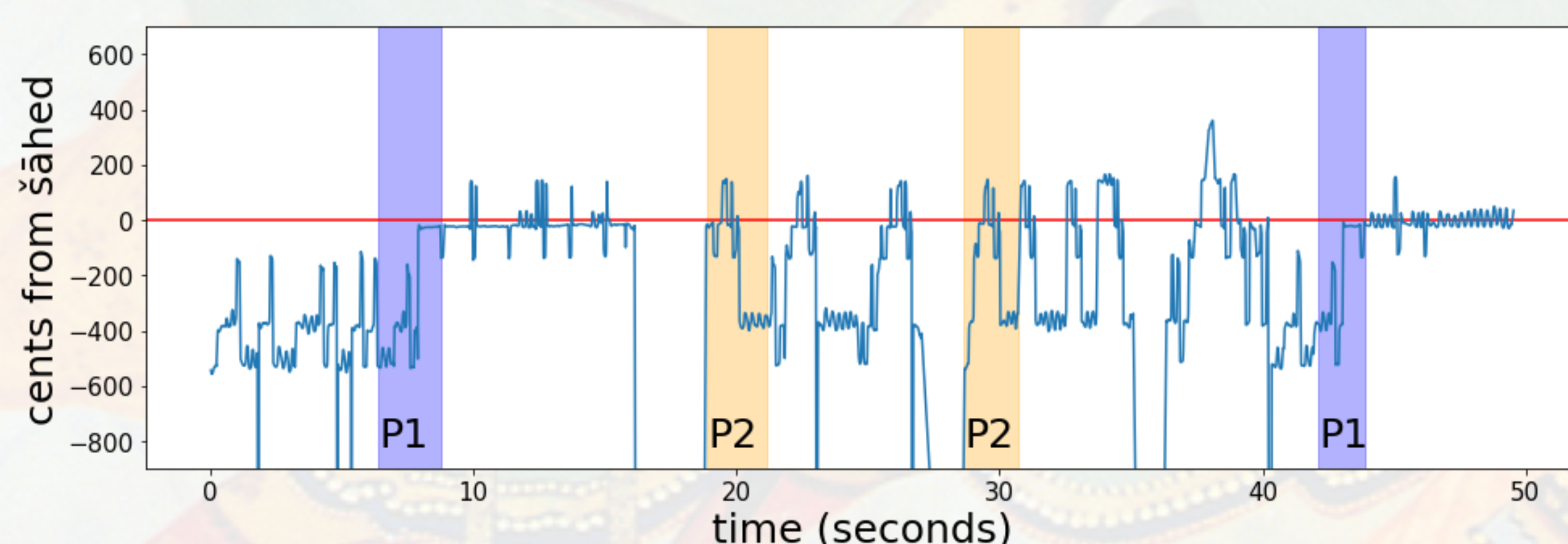
Vibrato and *tahrir*

darāmad abuatā



Manual pattern annotations

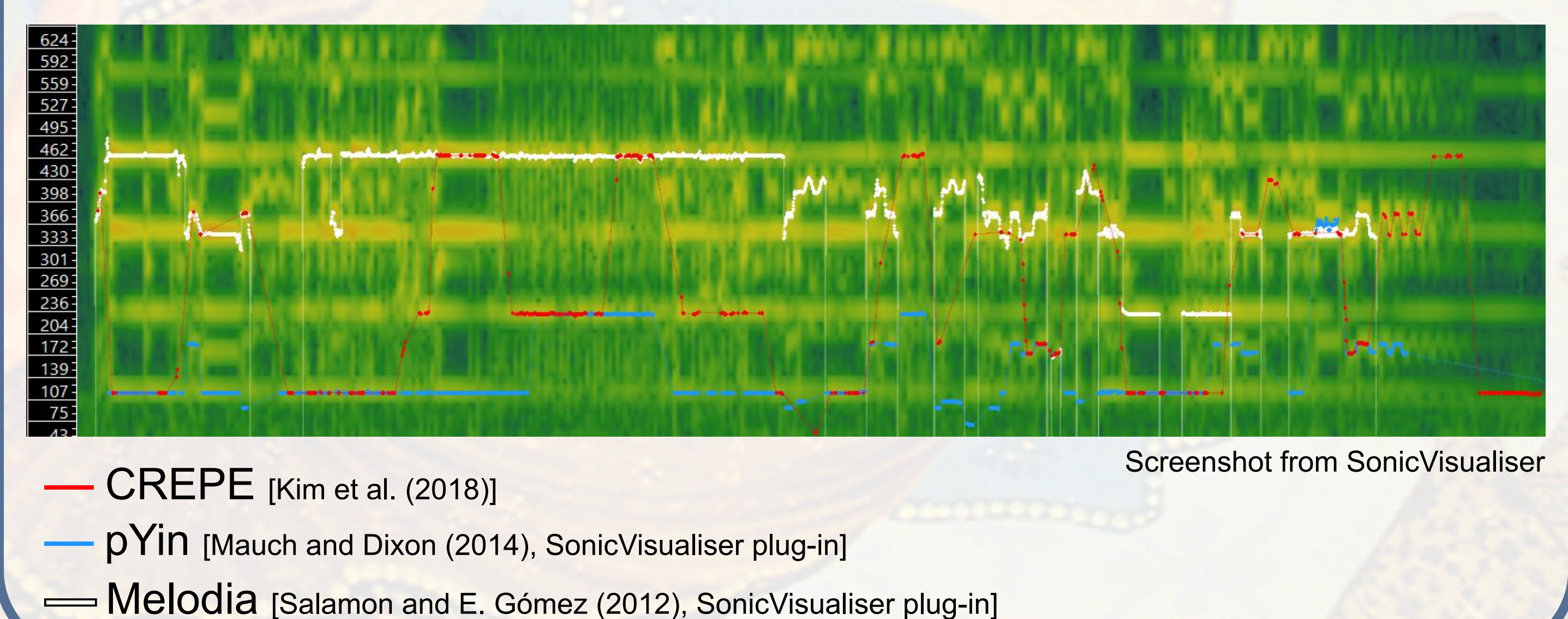
darāmad čāhārgāh (Reza Zalpour, ney)



Annotators: Reza Zalpour, Negar Bouban

Pitch track extraction for setār recordings

darāmad abuatā (Massoud Shaari)



Screenshot from SonicVisualiser