String Quartet No. 2

Laure M. Hiendl

Notes

The string quartet is for 4 electric string instruments, video and electronics. Each string instrument **controls a sampler via its pitch**: a pitch tracker in the patch analyses the current pitch and maps it onto the **playback speed** of the samplers. Sometimes, the instrument (mostly the viola) is also controlling a **filter** that filters the whole (or parts of the) string quartet.

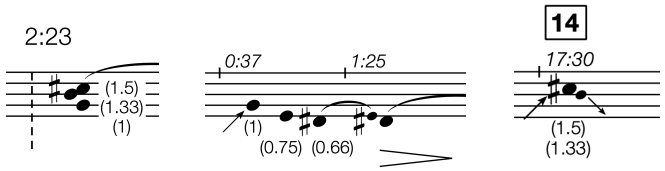
No string sound should be audible during the performance—the instruments are merely highly sensitive interfaces that control 4 independent samplers. Each notated pitch is therefore equivalent to a specific playback speed, which are given below the pitch in parentheses for reference. Normal playback equals playback speed 1, half the speed is 0.5, double speed is 2, and so on.

The **volume** of the samplers is controlled by the dynamics of the instruments via an envelope follower: the louder the instruments, the louder the samplers.
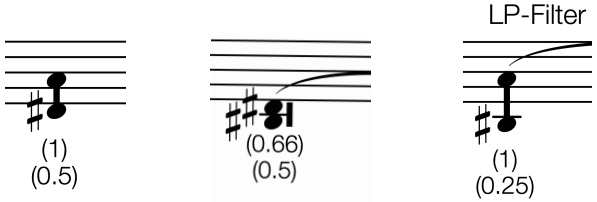
The time of the piece is organized in a simple **timecode** (min:sec).
Cues are given in boxed system text above the timecode.

Pitches should be held throughout their notated duration. If multiple pitches are given as **chords**, performers may play any or all of the pitches repeatedly for as long as they are notated, moving in short (~ 1s) glissandi between the pitches. If they are notated **consecutively** performers should play them one after another, also moving in short glissandi.

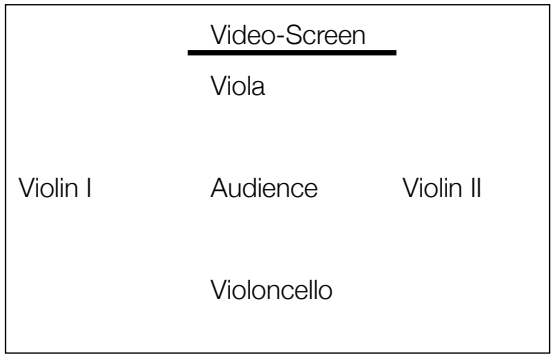
Short arrows to and from pitches indicate that the performers should **slide in and out** of the note, from the bottom of their respective range. The slide should be short (~1s). Sliding in happens on the downbeat of the each timecode, sliding out should end before the downbeat, i.e. begin 1s before the downbeat.



If clusters are given, performers may choose any pitches/frequencies within the range of the **cluster** and glissando between them. This is used mostly for when the instrument is acting as a filter.



The setup requires at least 4, better 8 channels of surround sound. The performers sit in a cross, with the audience in the middle.

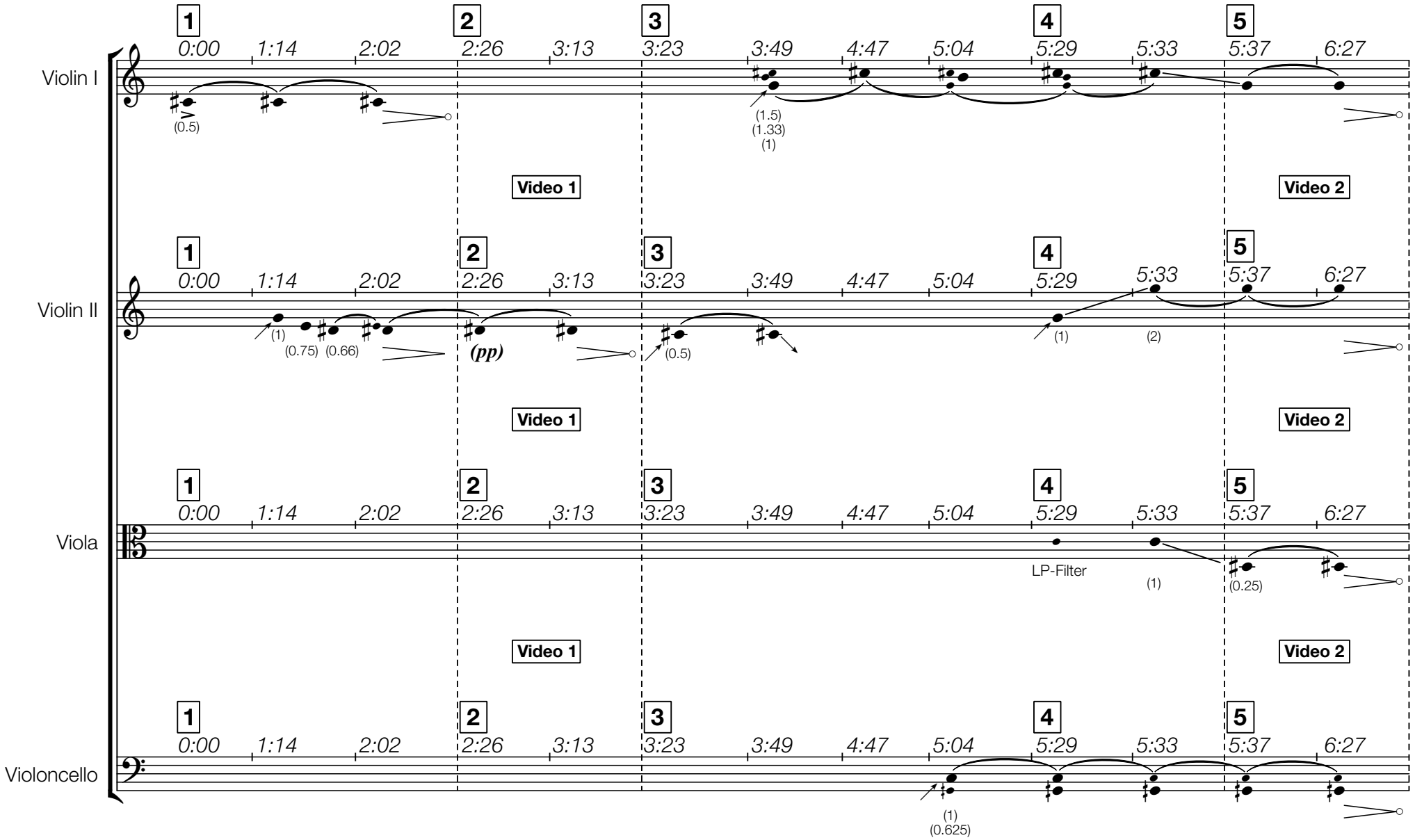


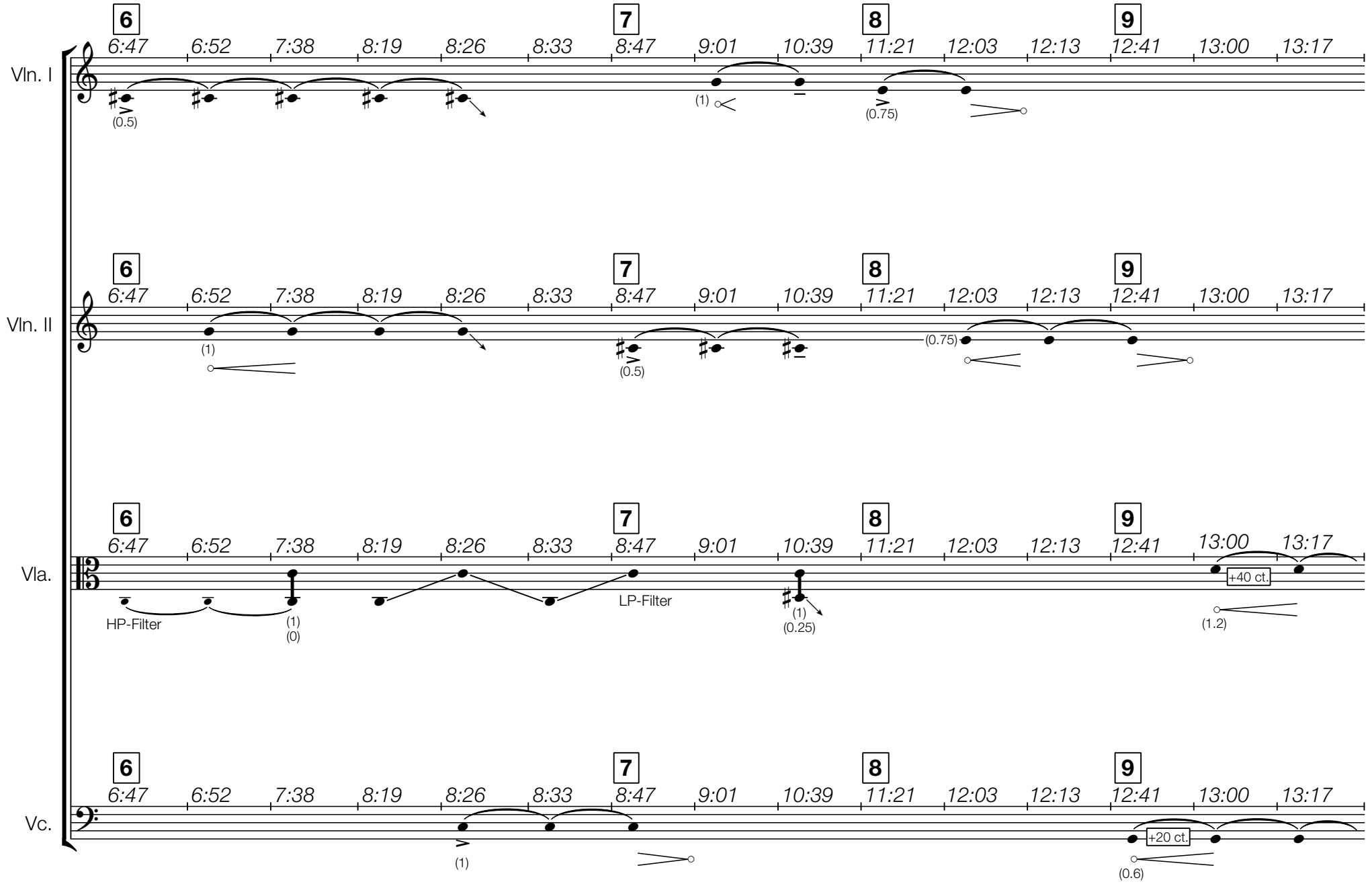
The duration of the piece is **35 minutes**. For a detailed tech rider, the video as well as the Pure Data patch please contact **laure@martinhiendl.com**.

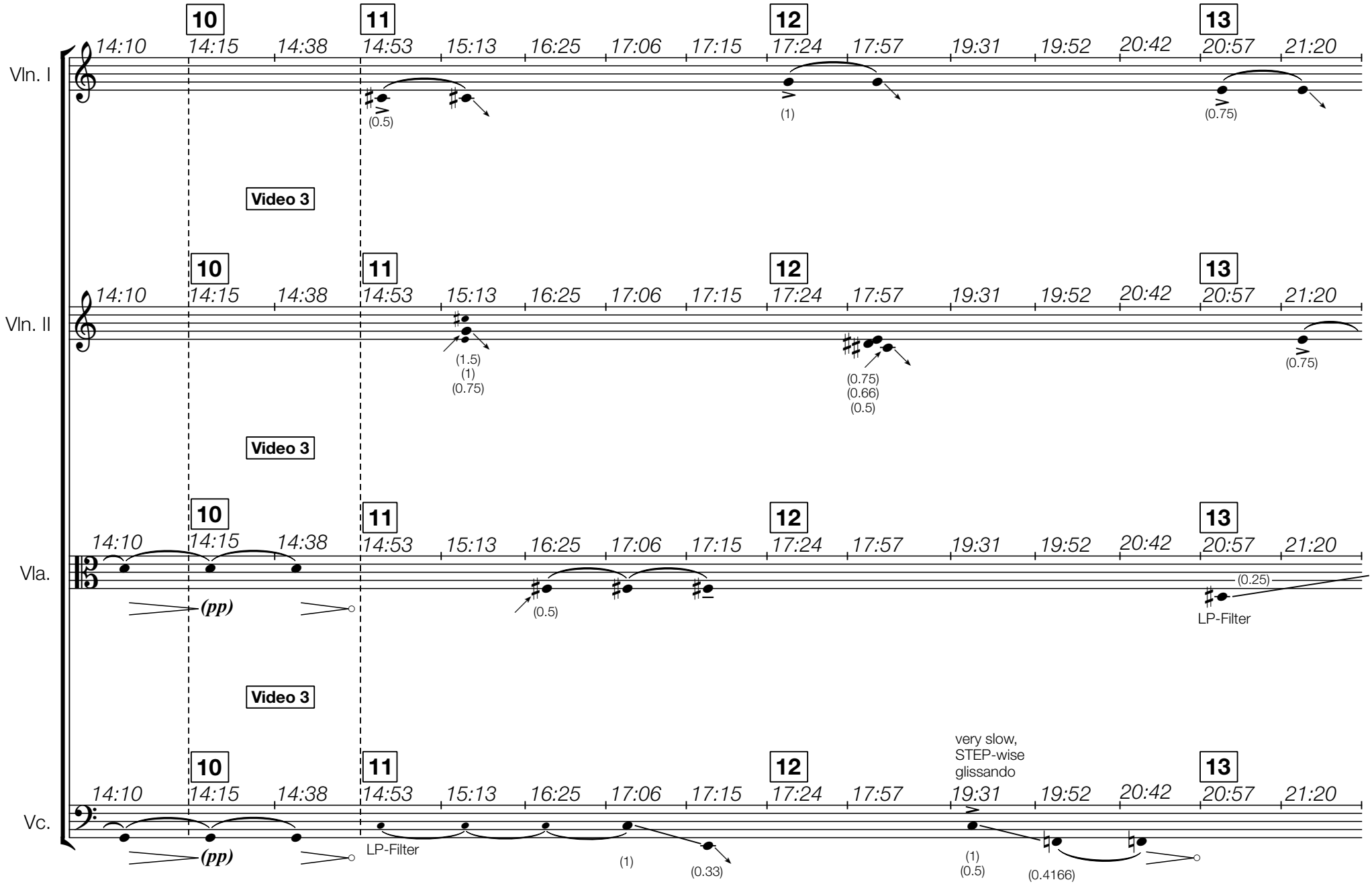
String Quartet No. 2

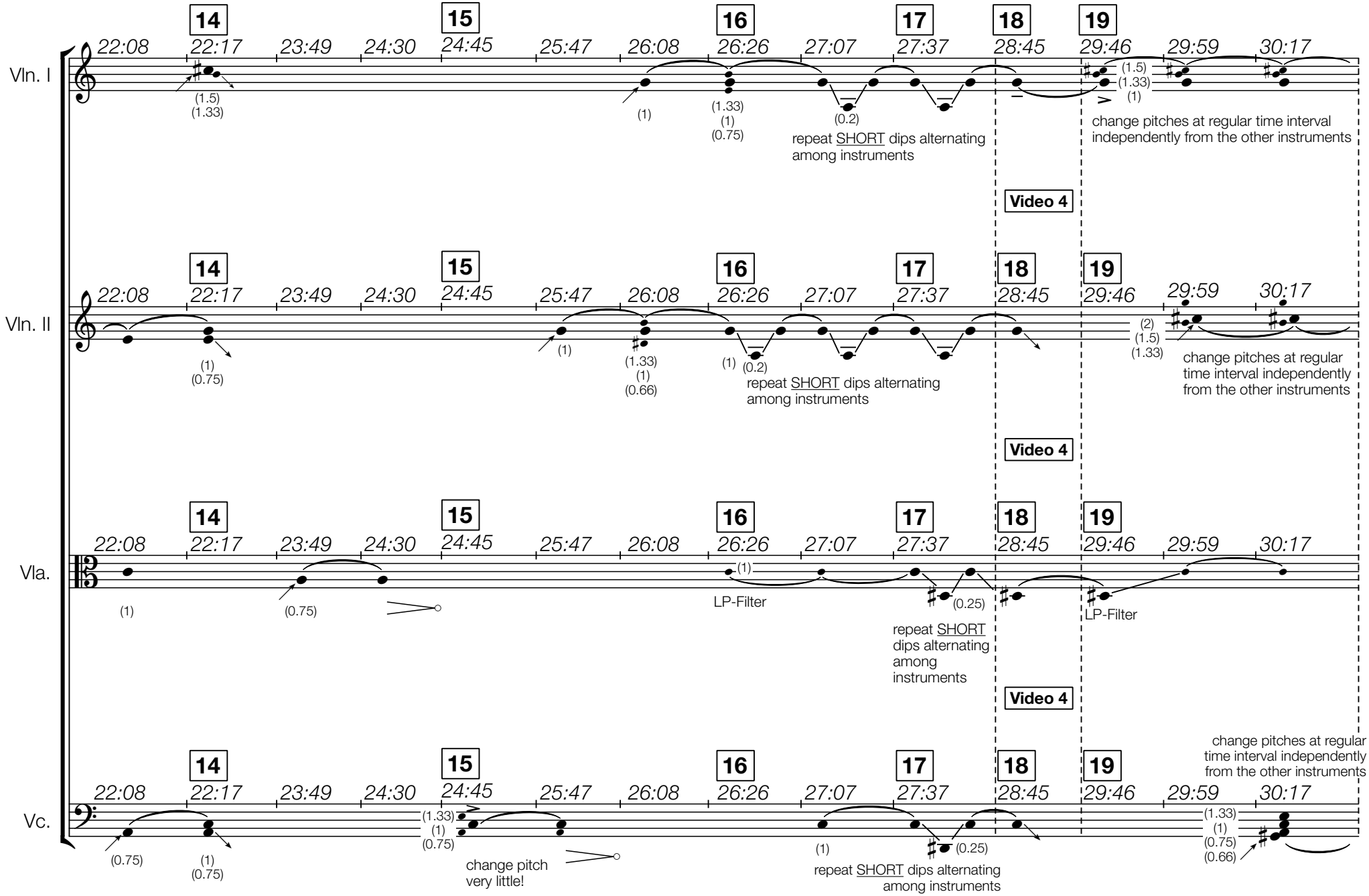
for 4 electronics string instruments, video and electronics

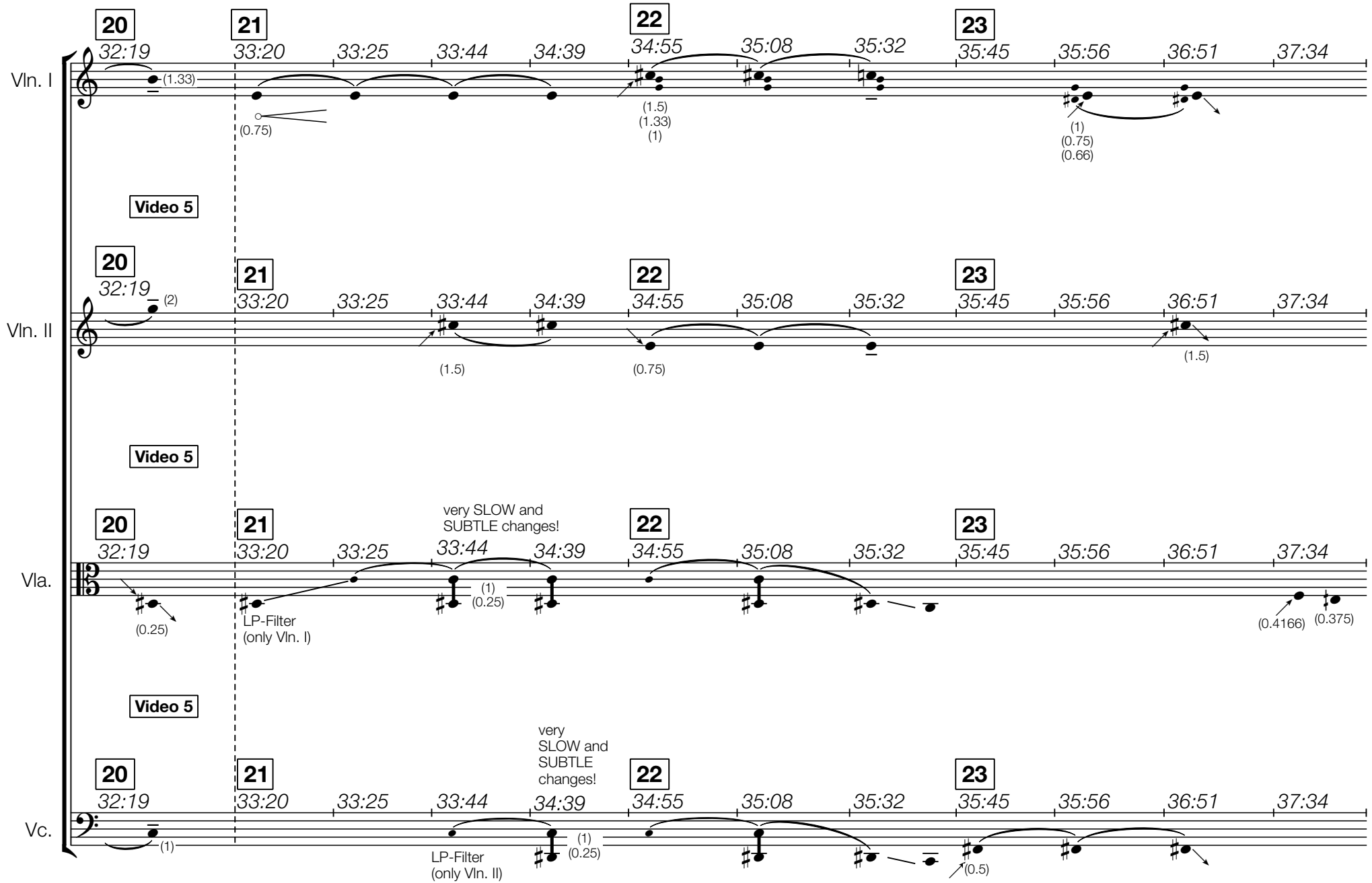
Laure M. Hiendl
2021

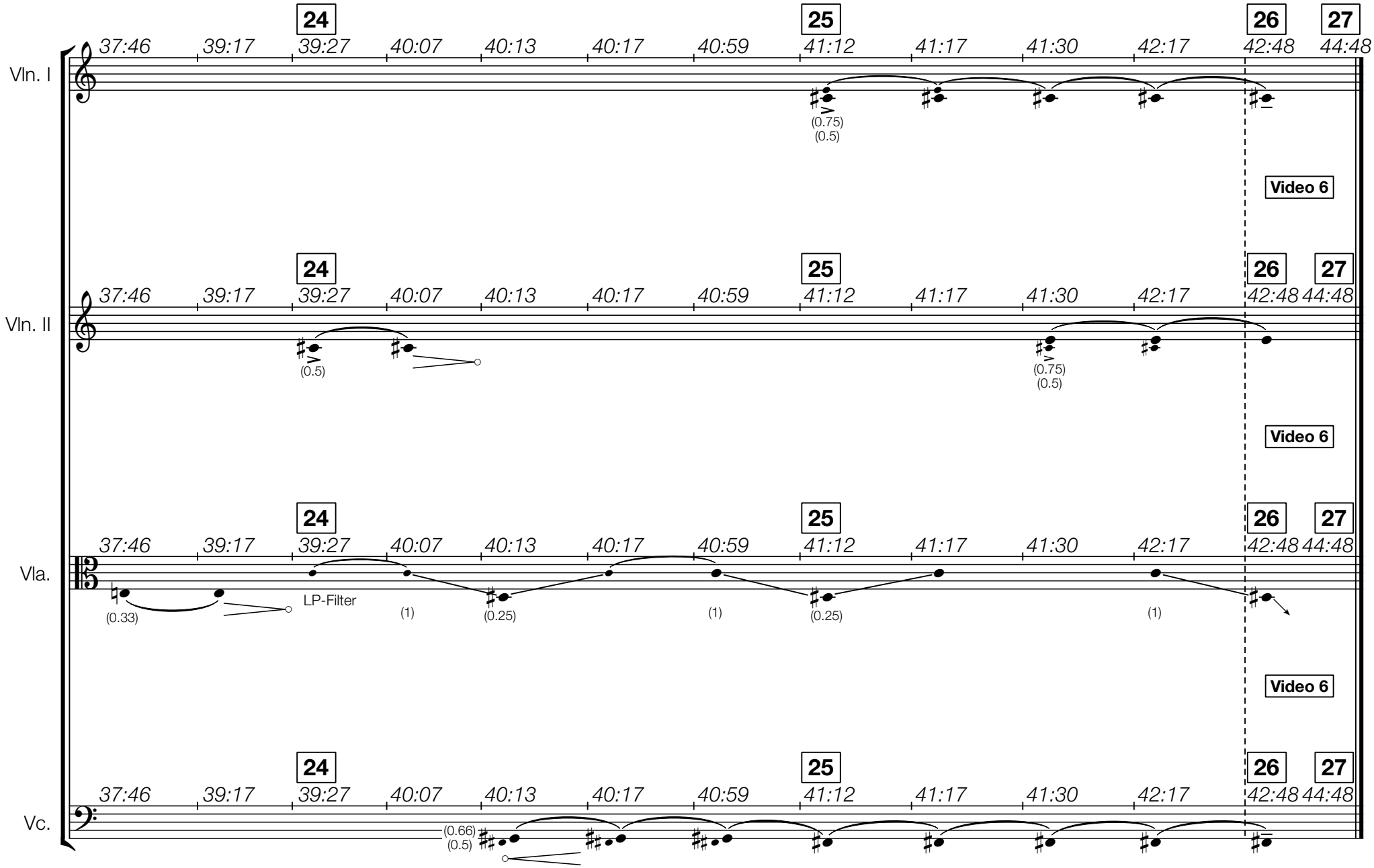



6
7
8
9
6:47
6:52
7:38
8:19
8:26
8:33
8:47
9:01
10:39
11:21
12:03
12:13
12:41
13:00
13:17
Vln. I
(0.5)
(1)
(0.75)
Vln. II
(1)
(0.5)
(0.75)
Vla.
HP-Filter
(1)
(0)
LP-Filter
(1)
(0.25)
+40 ct.
(1.2)
Vc.
(1)
+20 ct.
(0.6)


Vln. I
Vln. II
Vla.
Vc.
10
11
12
13
14:10
14:15
14:38
14:53
15:13
16:25
17:06
17:15
17:24
17:57
19:31
19:52
20:42
20:57
21:20
Video 3
(0.5)
(1)
(0.75)
(1.5)
(0.66)
(pp)
(0.25)
LP-Filter
(0.33)
very slow,
STEP-wise
glissando
(0.4166)


14
15
16
17
18
19
22:08
22:17
23:49
24:30
24:45
25:47
26:08
26:26
27:07
27:37
28:45
29:46
29:59
30:17
Vln. I
(1.5)
(1.33)
(1)
(1.33)
(1)
(0.75)
(0.2)
repeat SHORT dips alternating among instruments
(1.5)
(1.33)
(1)
change pitches at regular time interval independently from the other instruments
Video 4
Vln. II
(1)
(0.75)
(1)
(1.33)
(1)
(0.66)
(1)
(0.2)
repeat SHORT dips alternating among instruments
(2)
(1.5)
(1.33)
change pitches at regular time interval independently from the other instruments
Video 4
Vla.
(1)
(0.75)
(1)
LP-Filter
(0.25)
repeat SHORT dips alternating among instruments
LP-Filter
Video 4
Vc.
(0.75)
(1)
(0.75)
(1.33)
(1)
(0.75)
change pitch very little!
(1)
(0.25)
repeat SHORT dips alternating among instruments
(1.33)
(1)
(0.75)
(0.66)
change pitches at regular time interval independently from the other instruments


Vln. I
Vln. II
Vla.
Vc.
20
21
22
23
32:19
33:20
33:25
33:44
34:39
34:55
35:08
35:32
35:45
35:56
36:51
37:34
(1.33)
(0.75)
(1.5)
(1.33)
(1)
(1)
(0.75)
(0.66)
Video 5
(2)
(1.5)
(0.75)
(1.5)
very SLOW and SUBTLE changes!
(1)
(0.25)
(0.25)
LP-Filter
(only Vln. I)
(0.4166)
(0.375)
very SLOW and SUBTLE changes!
(1)
(0.25)
LP-Filter
(only Vln. II)
(1)
(0.5)


24
25
26
27
37:46
39:17
39:27
40:07
40:13
40:17
40:59
41:12
41:17
41:30
42:17
42:48
44:48
Vln. I
(0.75)
(0.5)
Video 6
Vln. II
(0.5)
(0.75)
(0.5)
Video 6
Vla.
(0.33)
LP-Filter
(1)
(0.25)
(1)
(0.25)
(1)
Video 6
Vc.
(0.66)
(0.5)