

# Sonification of Mass Shootings, 1999-2018

For the Hito Steyerl Park Armory Project

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The musical score is written for a large ensemble in 4/4 time. It begins with a tempo marking of  $\text{♩} = 60$  and an "Introduction" section. The instruments and their parts are as follows:

- Flute:** Features a melodic line starting in the introduction, marked with *sfz*, *mp*, and *p*.
- Clarinet in Bb:** Plays a "solo" part starting in the second measure, marked with *pp*, *sfz*, *mp*, and *p*.
- Alto Saxophone:** Enters in the third measure with a *pp* dynamic, later marked with *sfz* and *mp*.
- Tenor Saxophone:** Plays a sustained, low-register line marked with *p*.
- Baritone Saxophone:** Remains silent throughout the score.
- Mellophone:** Enters in the sixth measure with a *pp* dynamic.
- Euphonium:** Enters in the sixth measure with a *pp* dynamic.
- Trumpet in Bb:** Enters in the sixth measure with a *pp* dynamic.
- Trombone:** Enters in the sixth measure with a *pp* dynamic.
- Siouxza:** Provides a rhythmic accompaniment starting in the third measure, marked with *pp*.
- KBB:** Plays a rhythmic accompaniment starting in the first measure, marked with *mf*.
- Glockenspiel:** Enters in the sixth measure with a *pp* dynamic.
- Electric Guitar:** Enters in the sixth measure with a *pp* dynamic.
- Electric Guitar Tab:** Provides a rhythmic accompaniment in 4/4 time.
- Electric Bass:** Remains silent throughout the score.
- Electric Bass Tab:** Provides a rhythmic accompaniment in 4/4 time.
- Violin:** Enters in the introduction with a  $\text{♩} = 60$  tempo marking, marked with *sfz* and *mp*.
- Viola:** Enters in the sixth measure with a *pp* dynamic.
- Violoncello:** Enters in the sixth measure with a *pp* dynamic.

Fl. **A** **B** Start of Dataset

Cl. *pp* *fff*

Alto Sax.

Ten. Sax.

Bari. Sax.

Hn. *p* *mf* *f*

Euph. *f*

Tpt.

Tbn.

Tba. *mf*

Dr. *mf*

Glock.

E. Gtr.

E. Gtr. T A B

Bass

Bass T A B

Vln. **A** **B**

Vla.

Vc.

22

**C** **D**

Fl. *f* *sfz*

Cl. *sfz*

Alto Sax. *sfz*

Ten. Sax. *sfz*

Bari. Sax. *sfz*

Hn. *sfz*

Euph. *f* *mp*

Tpt. *sfz*

Tbn. *sfz*

Tba. *sfz* solo *pp*

Dr. *f*

Glock.

E. Gtr.

E. Gtr. *A* *B*

Bass

Bass

Vln. **C** **D**

Vla. *pp*

Vc.

33

Fl. *mf* *f* *mp* **E**

Cl. *mf* *f* *mp*

Alto Sax. *mf* *f*

Ten. Sax. *f*

Bari. Sax.

Hn. *f*

Euph.

Tpt. *mf* *f*

Tbn. *f*

Tba. *mf*

Dr. *mp* *ppp*

Glock.

E. Gtr.

E. Gtr. *T* *B*

Bass

Bass

Vln. **E**

Vla.

Vc.

45

**F** **G**

Fl. *pp*

Cl. *pp*

Alto Sax. *pp*

Ten. Sax.

Bari. Sax.

Hn. *mp*

Euph.

Tpt.

Tbn. *p*

Tba. *pp*

Dr. *p*

Glock.

E. Gtr.

E. Gtr.  $\begin{matrix} T \\ A \\ B \end{matrix}$

Bass

Bass

Vln. **F** **G**

Vla.

Vc.

57 **H** accel

Fl. *fff*

Cl. *fff*

Alto Sax. *fff*

Ten. Sax. *fff*

Bari. Sax. *fff*

Hn. *fff* *mf*

Euph. *fff*

Tpt. *fff*

Tbn. *fff*

Tba. *mf*

Dr. *mf* 2

Glock. *mf*

E. Gtr. *mf*

Bass *mf*

Vln. *fff*

Vla. *mf*

Vc. *mf*



74

Fl.

Cl. *mf* *p* *pp*

Alto Sax.

Ten. Sax.

Bari. Sax.

Hn. *pp*

Euph.

Tpt.

Tbn.

Tba. *p* *ppp*

Dr. *p* *pp* *pp* *ppp*

Glock.

E. Gr.

E. Gr. T A B

Bass

Bass T B

Vln.

Vla.

Vc.

Detailed description: This page of a musical score covers measures 74 through 79. The woodwind section includes Flute (Fl.), Clarinet (Cl.), Alto Saxophone (Alto Sax.), Tenor Saxophone (Ten. Sax.), and Baritone Saxophone (Bari. Sax.). The brass section includes Horn (Hn.), Euphonium (Euph.), Trumpet (Tpt.), Trombone (Tbn.), and Tuba (Tba.). The percussion section includes Drums (Dr.) and Glockenspiel (Glock.). The string section includes Violin (Vln.), Viola (Vla.), and Violoncello (Vc.). The Flute part is mostly silent. The Clarinet part plays a rhythmic pattern of eighth notes, starting at *mf*, moving to *p*, and ending at *pp*. The Alto Saxophone part has a triplet of eighth notes in measure 75. The Tenor Saxophone and Baritone Saxophone parts are silent. The Horn part plays a sustained note in measure 74, then rests. The Euphonium part has a triplet of eighth notes in measure 75. The Trumpet part has a triplet of eighth notes in measure 75. The Trombone and Tuba parts are silent. The Tuba part has a rhythmic pattern of eighth notes, starting at *p* and moving to *ppp*. The Drums part plays a complex pattern of eighth and sixteenth notes with various dynamics: *p*, *pp*, *pp*, and *ppp*. The Glockenspiel, Euphonium, Alto Saxophone, Tenor Saxophone, Baritone Saxophone, Violin, Viola, and Violoncello parts are silent.