Oded Ben-Tal

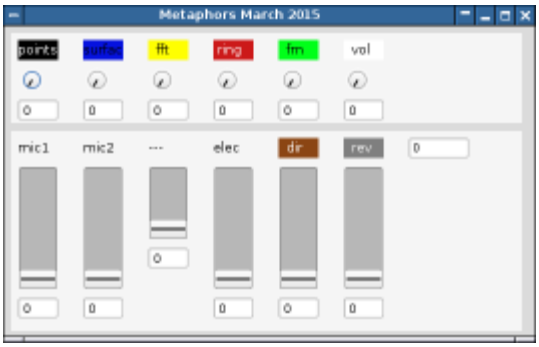
Metaphors of Space and of Time

for soprano trombone and electronics

March 2015

This pieces was commissioned by Torbjorn Hultmark and composed in close collaboration with this wonderful musician. Torbjorn's interest in improvisation is reflected in the score which serves as a guide for the performer to find the piece between the notes and the electronics. Each of the movements should have a distinct character.

The performer controls the electronic processing – with Torbjorn we used a set of MIDI pedals that control the amplitude of different processes in the electronics. There are six of those, labelled points, surface, fft, ring, fm, and vol:



The suggested main electronic component for each movement is the corresponding named element (points for movement 1; surface for movement 2; vol for movement 4). Both ring and fm are primarily used for the 3rd movement. But the performer is free to mix other effects with the main one for each movement. Importantly, the electronics do not need to be always on!

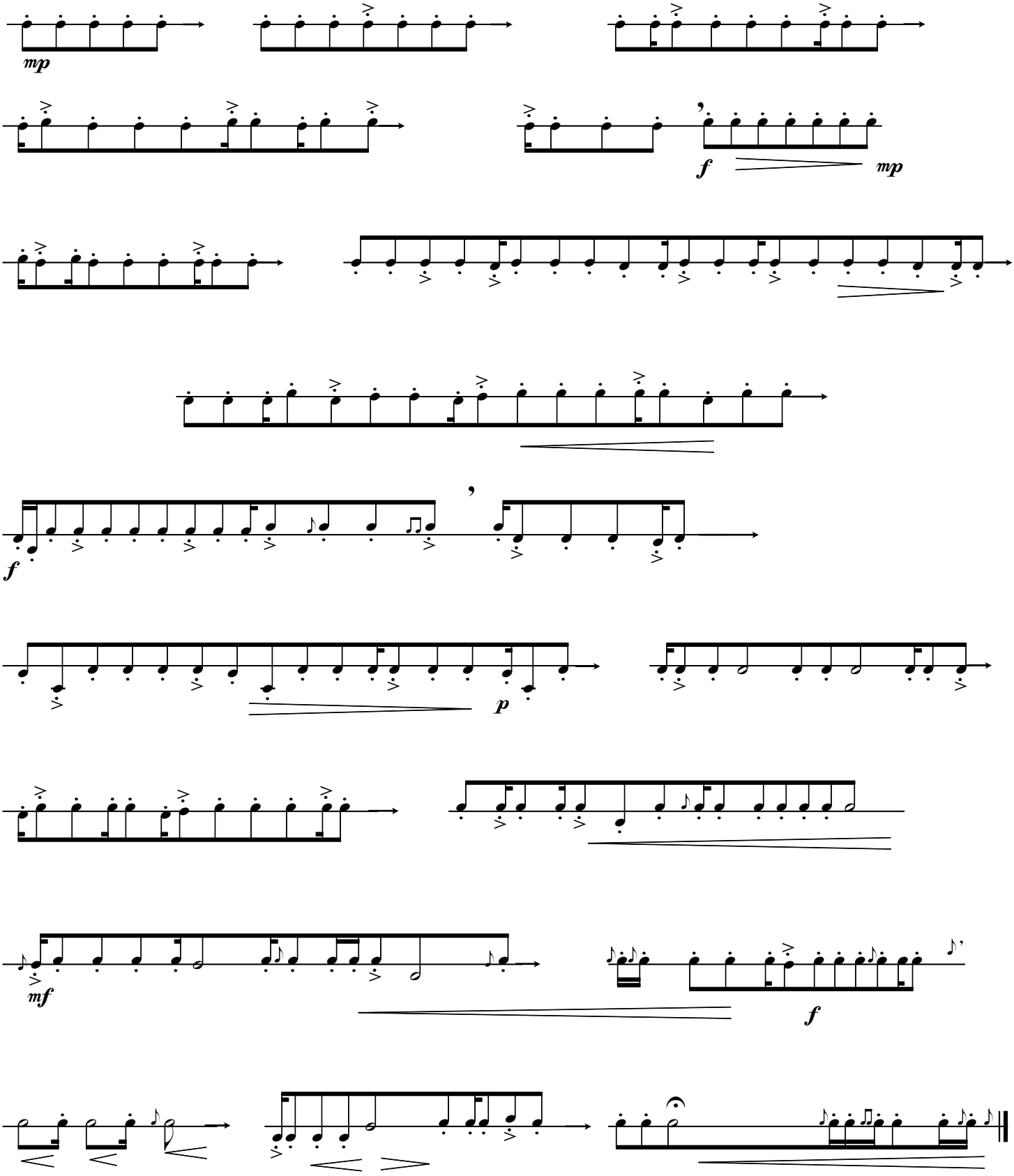
Torbjorn is using 2 microphones – one mounted on the bell used in the first 2 movements, the other is inserted into a mute and used in movements 3 & 4. The percussive sounds in the 4th movement benefit from the close mic'ing of this arrangement.

Technical requirements:

- Stereo speakers – situated close to the performer to allow maximum acoustic integration.
- One (or two, see above) microphones sending the trombone signal to:
- Computer running Supercollider (contact the composer for the code).
- The performer needs a controller to be able to turn electronics on/off and control levels. Torbjorn is using a set of MIDI pedals linked through a custom made box.

Points

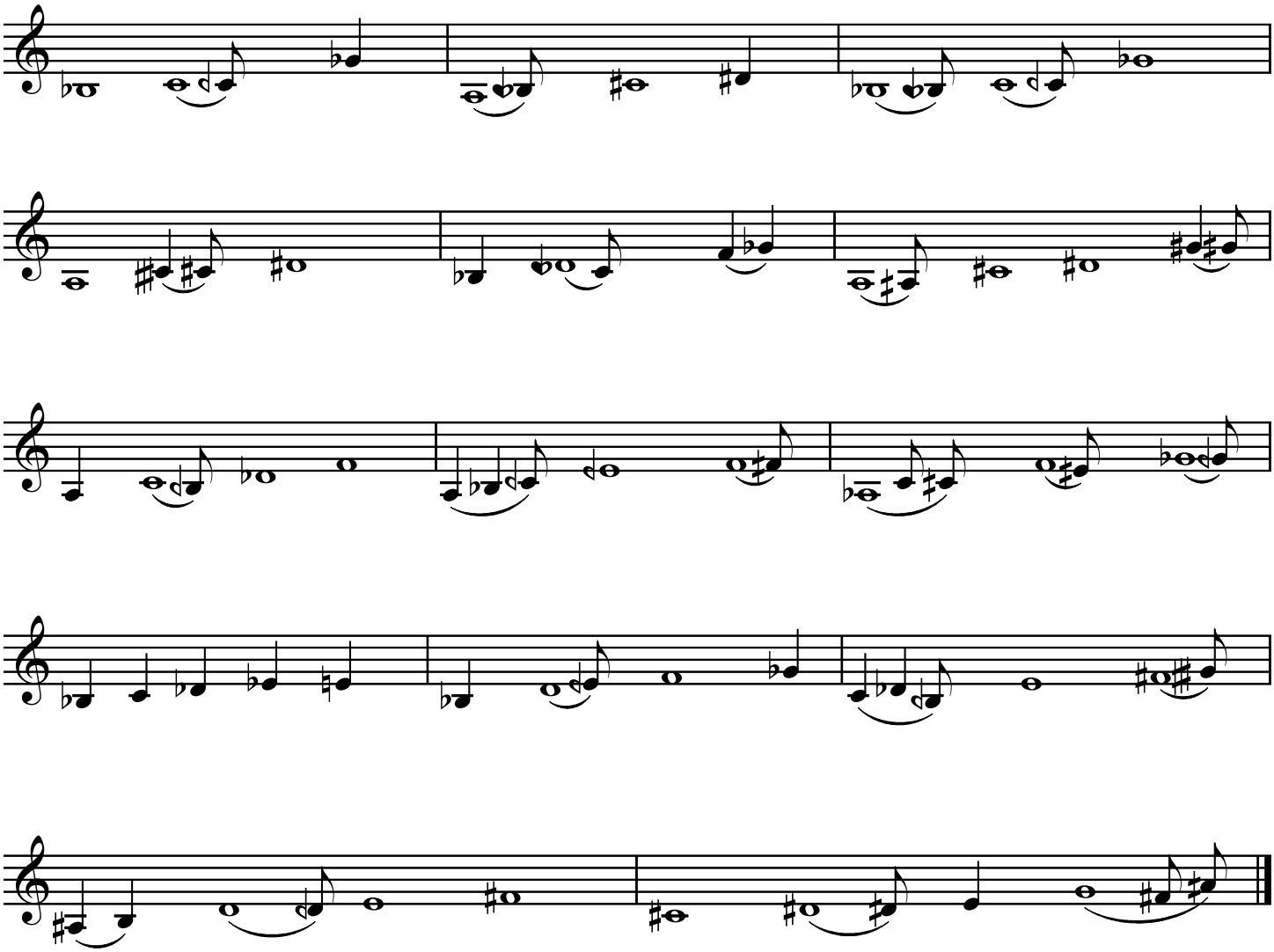
Moderato



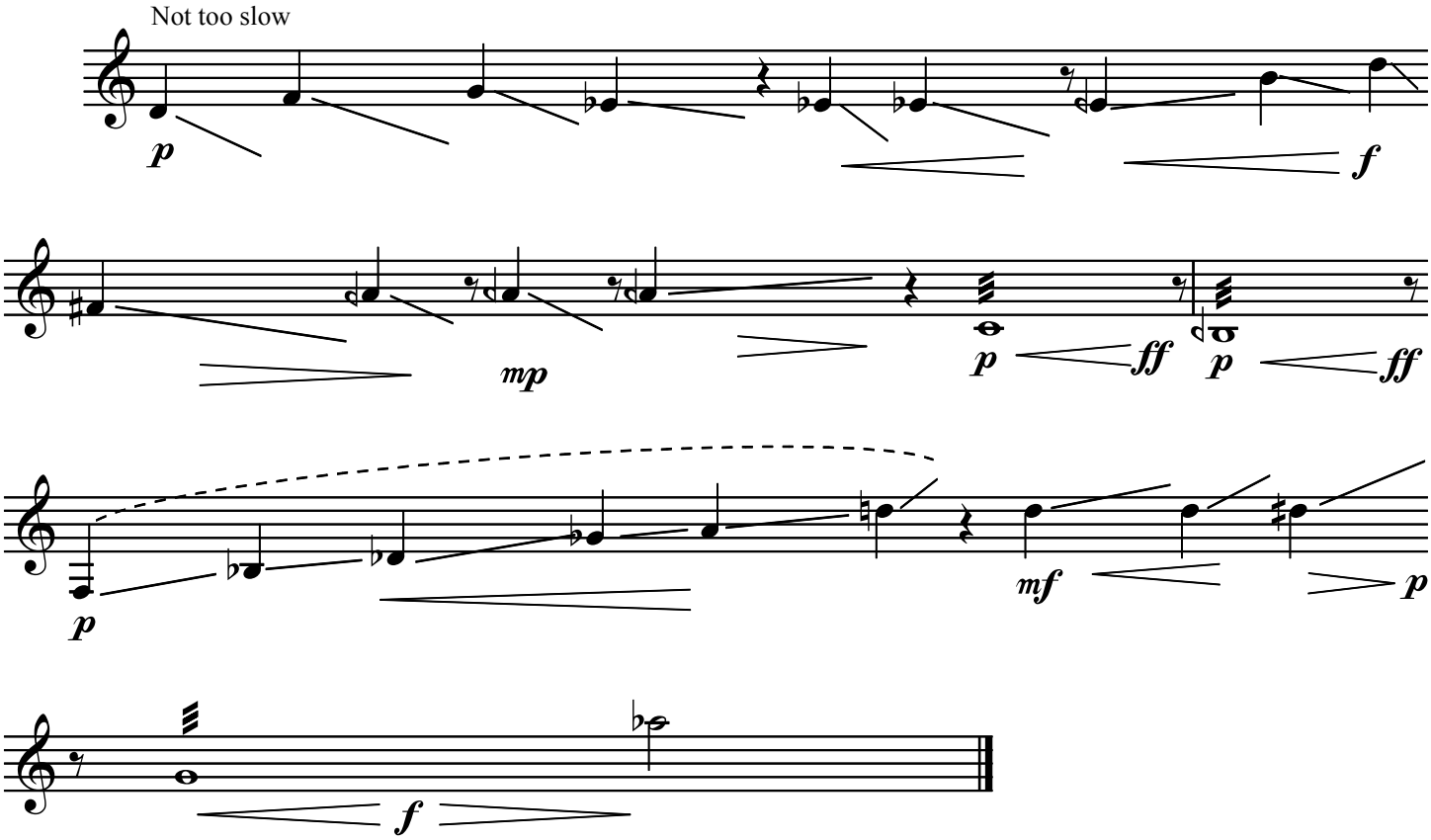
Surface

Note type and slurs indicates heirarchy of importance and pitch reletionship. Can play pitch in any octave.

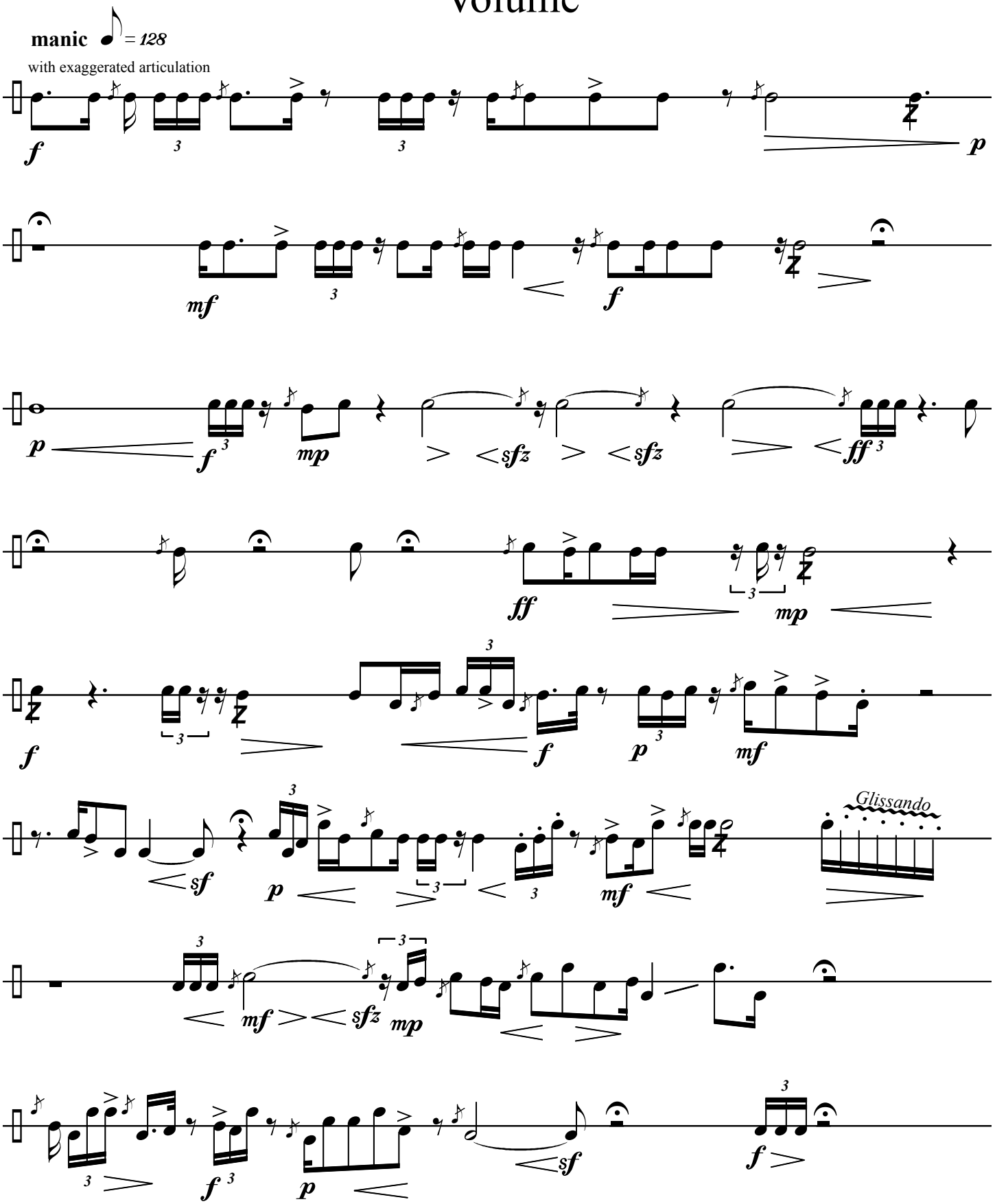
Each 'measure' is a harmonic field, improvise your way through these fields in the given order.

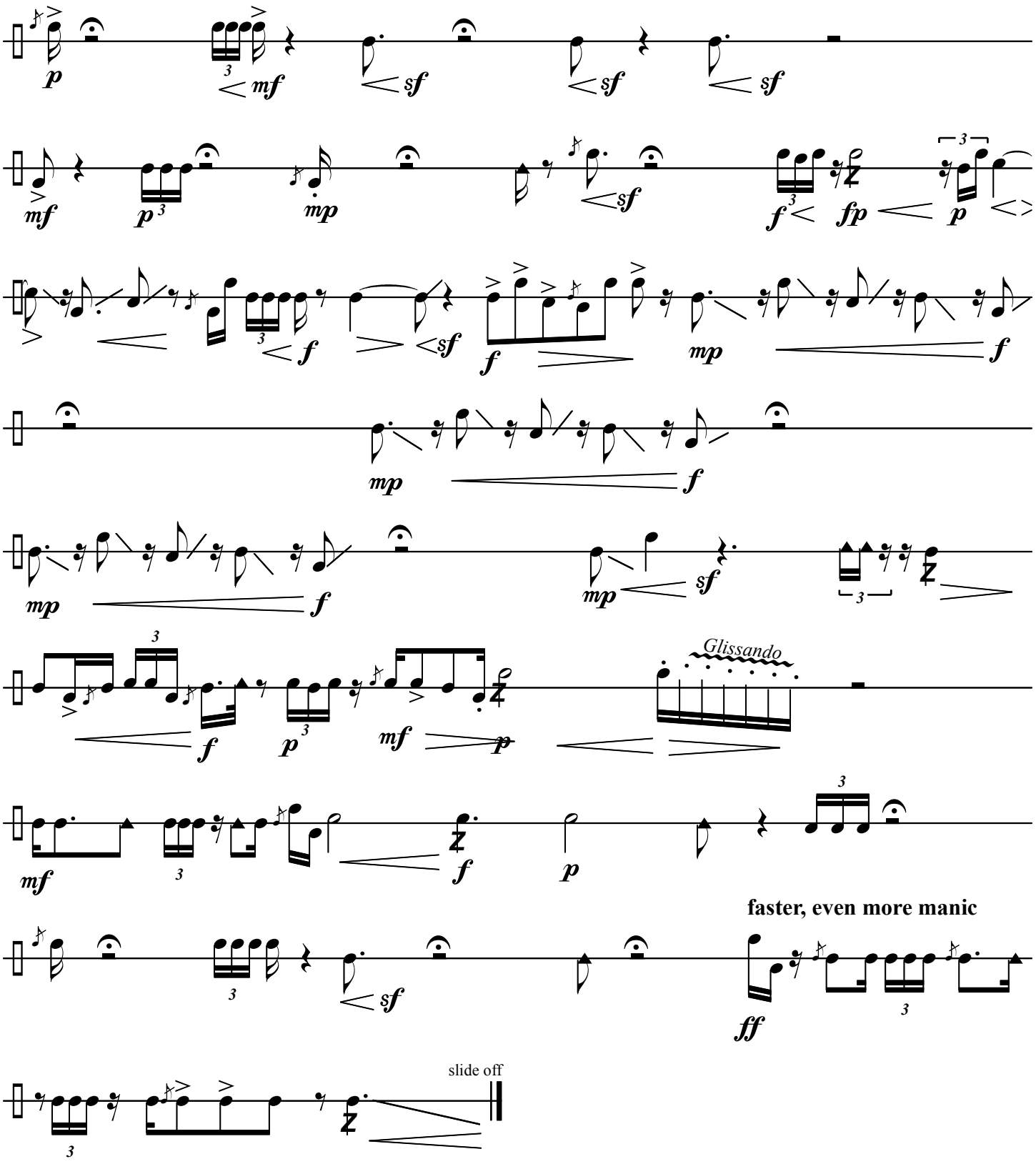


Lines



Volume




Glissando
faster, even more manic
slide off