**REPORT LN-MP1**

Group 24:

Mariana Laranjo (92517): 50%

Mariana Serrão (105045): 50%

*(OPTIONS)*

To build the metaphoneLN transducer, we decided to use the fstcompose operation, starting with step1 and step2, then the composition of the two composed with step3 and so on.

To build the invertMetaphoneLN transducer, we simply used the fstinvert operation on the metaphoneLN, so that we would have the opposite transducer.

*(VIABILITY)*

After testing the metaphoneLN several times with different examples, we can say that our transducer does everything it was required to do. These steps were also tested individually with all the examples given to us to make sure every rule was working.

*(INVERTED)*