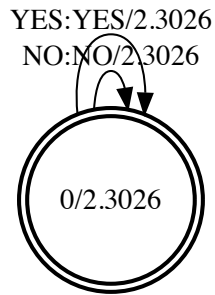
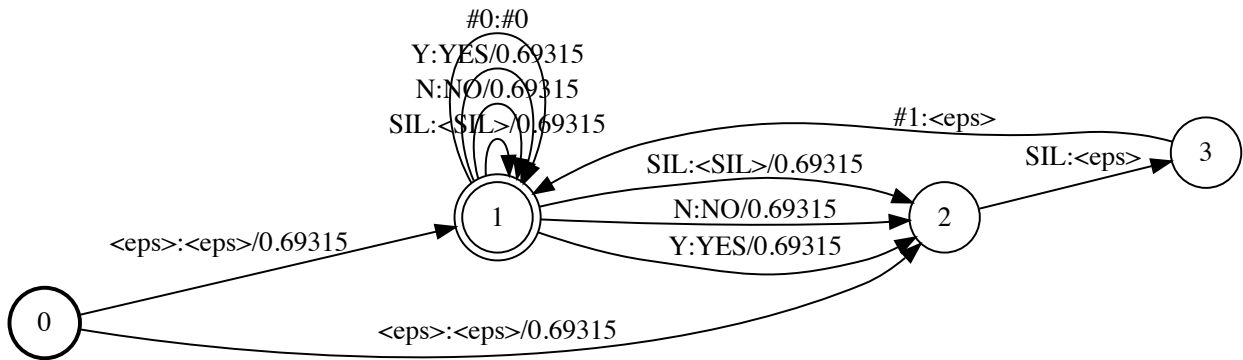


**G.fst** (data/lang\_test\_tg/G.fst)

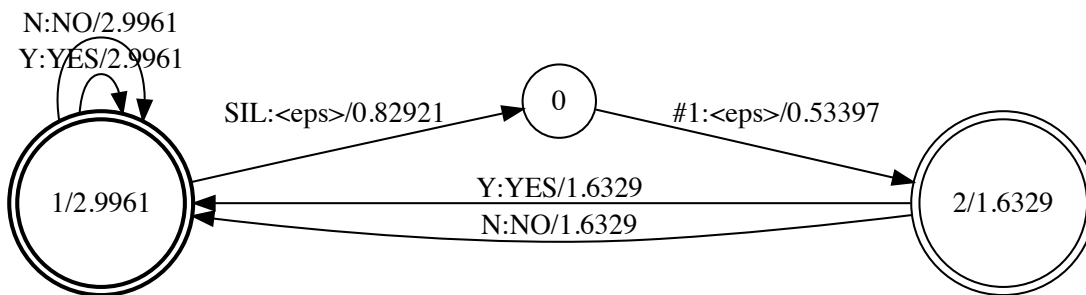


**L\_disambig.fst** (data/lang\_test\_tg/L\_disambig.fst)



**LG.fst** (data/lang\_test\_tg/tmp/LG.fst)

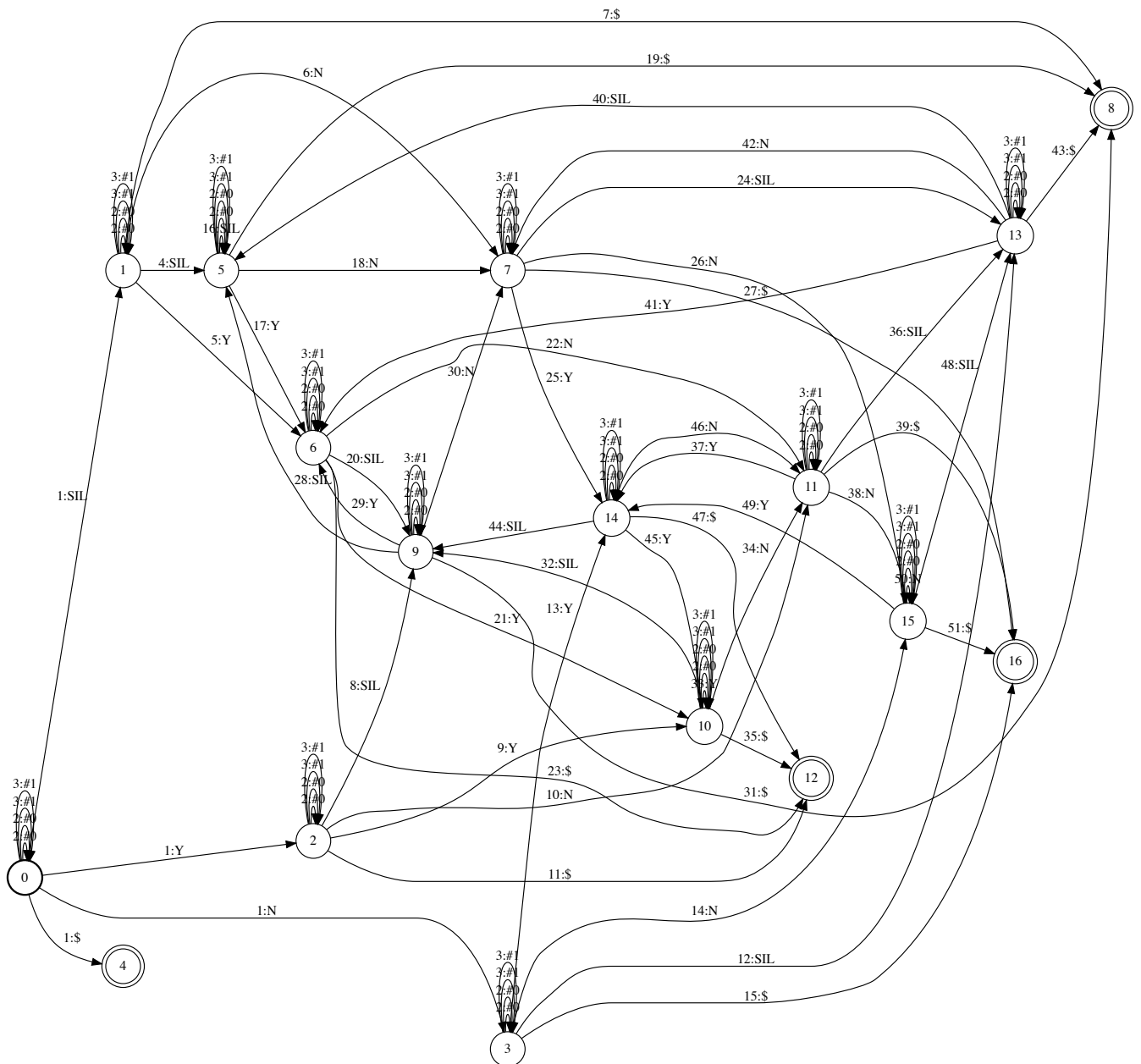
fsttablecompose L\_disambig.fst G.fst | fstdeterminizestar --use-log=true | fstminimizeencoded  
| fstpushspecial | fstarcsort --sort\_type=ilabel



## C.fst

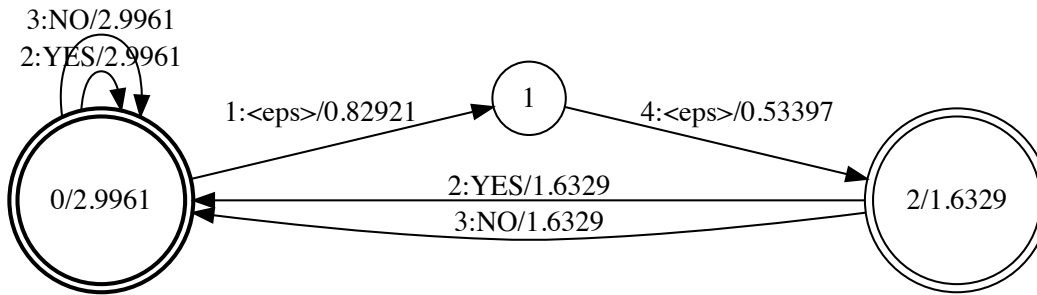
C.fst is not created explicitly in Kaldi. The `fstcomposecontext` command dynamically creates the parts of this graph that are needed when composing with LG.

```
$ fstmakecontextfst --read-disambig-syms=data/lang_test_tg/phones/disambig.int --write-  
disambig-syms=data/lang_test_tg/tmp/disambig_ilabels_1_0.int data/lang_test_tg/phones.txt  
6 data/lang_test_tg/tmp/ilabels_1_0 | fstarcsort --sort_type=olabel
```



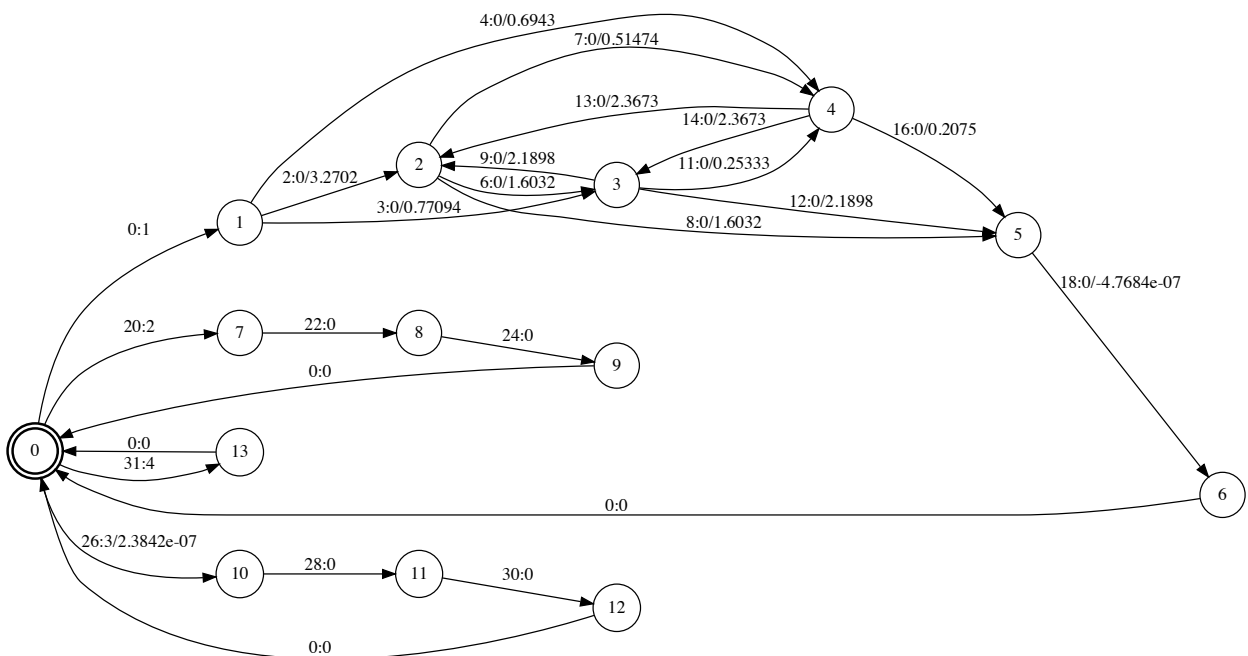
**CLG.fst** (data/lang\_test\_tg/tmp/CLG\_1\_0.fst)

```
$ fstcomposecontext --context-size=1 --central-position=0 --read-disambig-
syms=data/lang_test_tg/phones/disambig.int --write-disambig-
syms=data/lang_test_tg/tmp/disambig_ilabels_1_0.int
data/lang_test_tg/tmp/ilabels_1_0.32423 LG.fst
```



**Ha.fst** (H without self-loops)

```
$ make-h-transducer --disambig-syms-out=exp/mono0a/graph_tgpr/disambig_tid.int --
transition-scale=1.0 data/lang_test_tg/tmp/ilabels_1_0 exp/mono0a/tree
exp/mono0a/final.mdl
```



**HCLG.fst** (exp/mono0a/graph\_tgpr/HCLG.fst)

