11.21%

0.01%

0.01%

9

0.13%

0.01%

6

0.09%

Predicted label

0.00% 0.00% 0.00% 0.00% 0.00% 4.81% 0.00% 0.00% 0.01% children playing 0.01% 0 0 784 2 5 air conditioner 0.00% 0.00% 11.22% 0.01% 0.03% 0.01% 0.00% 0.01% 0.01% 0.07%

0.00%

776

11.11%

0

0.00%

0

0.00%

0

0.00%

0

0.00%

0.00%

0.00%

282

4.04%

0

0.00%

0

0.00%

3

0.04%

drilling

0

0.00%

13

0.19%

0.00%

0

0.00%

804

11.51%

0

0.00%

0

0.00%

6

0.09%

0.00%

0.00%

0.00%

0.00%

726

10.39%

0

0.00%

0.01%

0

0.03%

0.01%

0

0.00%

0.01%

793

11.35%

LSTM - Confusion Matrix - TrainSet

800

700

600

- 500

- 400

- 300

- 200

- 100

- 0

4 800 2 3 0 0.03% 0.01% 0.06% 11.45% 0.04% 0.00% 0.01% street music 783 0 0 0 0

0.00%

0.01%

0.03%

0.00%

0.03%

0.06%

0.03%

0.04%

0.01%

0.00%

0.00%

6

0.09%

0

0.00%

0.01%

0.00%

0

0.00%

0

0.00%

3

0.04%

True label

engine idling

iackhammer

drilling

siren

car horn

aun shot

336

0.00%

0.00%

0.00%

0.00%

0.00%

0.03%