**English 8K**

**nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/En**$ compute-wer --mode=present ark:Reference_EN.ref ark:hypothesis_EN8K.hyp

compute-wer --mode=present ark:Reference_EN.ref ark:hypothesis_EN8K.hyp

%WER 17.13 [ 99 / 578, 12 ins, 16 del, 71 sub ]%SER 78.00 [ 39 / 50 ]Scored 50 sentences, 0 not present in hyp.

**English 16K**

**nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/En**$ compute-wer --mode=present ark:Reference_EN.ref ark:hypothesis_EN16K.hyp

compute-wer --mode=present ark:Reference_EN.ref ark:hypothesis_EN16K.hyp

%WER 14.71 [ 85 / 578, 5 ins, 9 del, 71 sub ]%SER 60.00 [ 30 / 50 ]Scored 50 sentences, 0 not present in hyp. ]Scored 50 sentences, 0 not present in hyp.

```
nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Fr$ compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR8K.hyp
compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR8K.hyp
%WER 21.87 [ 124 / 567, 6 ins, 15 del, 103 sub ]
%SER 84.00 [ 42 / 50 ]
Scored 50 sentences, 0 not present in hyp.
nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Fr$ compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR16K.hyp
compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR16K.hyp
%WER 17.99 [ 102 / 567, 5 ins, 10 del, 87 sub ]
%SER 80.00 [ 40 / 50 ]
Scored 50 sentences, 0 not present in hyp.
```

**French 8K**

**nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Fr**$ compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR8K.hyp

compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR8K.hyp

%WER 21.87 [ 124 / 567, 6 ins, 15 del, 103 sub ]%SER 84.00 [ 42 / 50 ]Scored 50 sentences, 0 not present in hyp.

**French 16K**

**nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Fr**$ compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR16K.hyp

compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR16K.hyp

%WER 17.99 [ 102 / 567, 5 ins, 10 del, 87 sub ]%SER 80.00 [ 40 / 50 ]Scored 50 sentences, 0 not present in hyp.

```
nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Fr$ compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR8K.hyp
compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR8K.hyp
%WER 21.87 [ 124 / 567, 6 ins, 15 del, 103 sub ]
%SER 84.00 [ 42 / 50 ]
Scored 50 sentences, 0 not present in hyp.
nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Fr$ compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR16K.hyp
compute-wer --mode=present ark:Reference/Reference_FR.ref ark:Hypothesis/Hypothesis_FR16K.hyp
%WER 17.99 [ 102 / 567, 5 ins, 10 del, 87 sub ]
%SER 80.00 [ 40 / 50 ]
Scored 50 sentences, 0 not present in hyp.
```

**English 8K - Noiseless**

**nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Clean**$

compute-wer --mode=present ark:Reference_EN_clean.ref ark:Hypothesis_En8K_clean.hypcompute-wer --mode=present ark:Reference_EN_clean.ref ark:Hypothesis_En8K_clean.hyp

%WER 10.26 [ 12 / 117, 1 ins, 3 del, 8 sub ]%SER 40.00 [ 4 / 10 ]Scored 10 sentences, 0 not present in hyp.

### English 16K - Noiseless

**nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Clean**$

compute-wer --mode=present ark:Reference_EN_clean.ref ark:Hypothesis_En16K_clean.hypcompute-wer --mode=present ark:Reference_EN_clean.ref ark:Hypothesis_En16K_clean.hyp %WER 9.40 [ 11 / 117, 1 ins, 5 del, 5 sub ]%SER 40.00 [ 4 / 10 ]Scored 10 sentences, 0 not present in hyp.

```
nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Clean$ compute-wer --mode=present ark:Reference_EN_clean.ref ark:Hypothesis_En8K_clean.hyp
compute-wer --mode=present ark:Reference_EN_clean.ref ark:Hypothesis_En8K_clean.hyp
%WER 10.26 [ 12 / 117, 1 ins, 3 del, 8 sub ]
%SER 40.00 [ 4 / 10 ]
Scored 10 sentences, 0 not present in hyp.
nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Clean$ compute-wer --mode=present ark:Reference_EN_clean.ref ark:Hypothesis_En16K_clean.hyp
compute-wer --mode=present ark:Reference_EN_clean.ref ark:Hypothesis_En16K_clean.hyp
%WER 9.40 [ 11 / 117, 1 ins, 5 del, 5 sub ]
%SER 40.00 [ 4 / 10 ]
Scored 10 sentences, 0 not present in hyp.
```

### English 8K-Noisy

**nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Noisy**$

compute-wer --mode=present ark:Reference_EN_NoisyData.ref ark:Hypothesis_Noisy8K.hypcompute-wer --mode=present ark:Reference_EN_NoisyData.ref ark:Hypothesis_Noisy8K.hyp %WER 24.58 [ 29 / 118, 1 ins, 5 del, 23 sub ]%SER 80.00 [ 8 / 10 ]Scored 10 sentences, 0 not present in hyp.

### English 16K-Noisy

**nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Noisy**$

compute-wer --mode=present ark:Reference_EN_NoisyData.ref ark:Hypothesis_Noisy16K.hypcompute-wer --mode=present ark:Reference_EN_NoisyData.ref ark:Hypothesis_Noisy16K.hyp %WER 16.10 [ 19 / 118, 0 ins, 6 del, 13 sub ]%SER 70.00 [ 7 / 10 ]Scored 10 sentences, 0 not present in hyp.

```
nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Noisy$ compute-wer --mode=present ark:Reference_EN_NoisyData.ref ark:Hypothesis_Noisy8K.hyp
compute-wer --mode=present ark:Reference_EN_NoisyData.ref ark:Hypothesis_Noisy8K.hyp
%WER 24.58 [ 29 / 118, 1 ins, 5 del, 23 sub ]
%SER 80.00 [ 8 / 10 ]
Scored 10 sentences, 0 not present in hyp.
nbmastersde@instance-1:~/EC-GoogleSpeechAPI-Benchmarking/data/Noisy$ compute-wer --mode=present ark:Reference_EN_NoisyData.ref ark:Hypothesis_Noisy16K.hyp
compute-wer --mode=present ark:Reference_EN_NoisyData.ref ark:Hypothesis_Noisy16K.hyp
%WER 16.10 [ 19 / 118, 0 ins, 6 del, 13 sub ]
%SER 70.00 [ 7 / 10 ]
Scored 10 sentences, 0 not present in hyp.
```