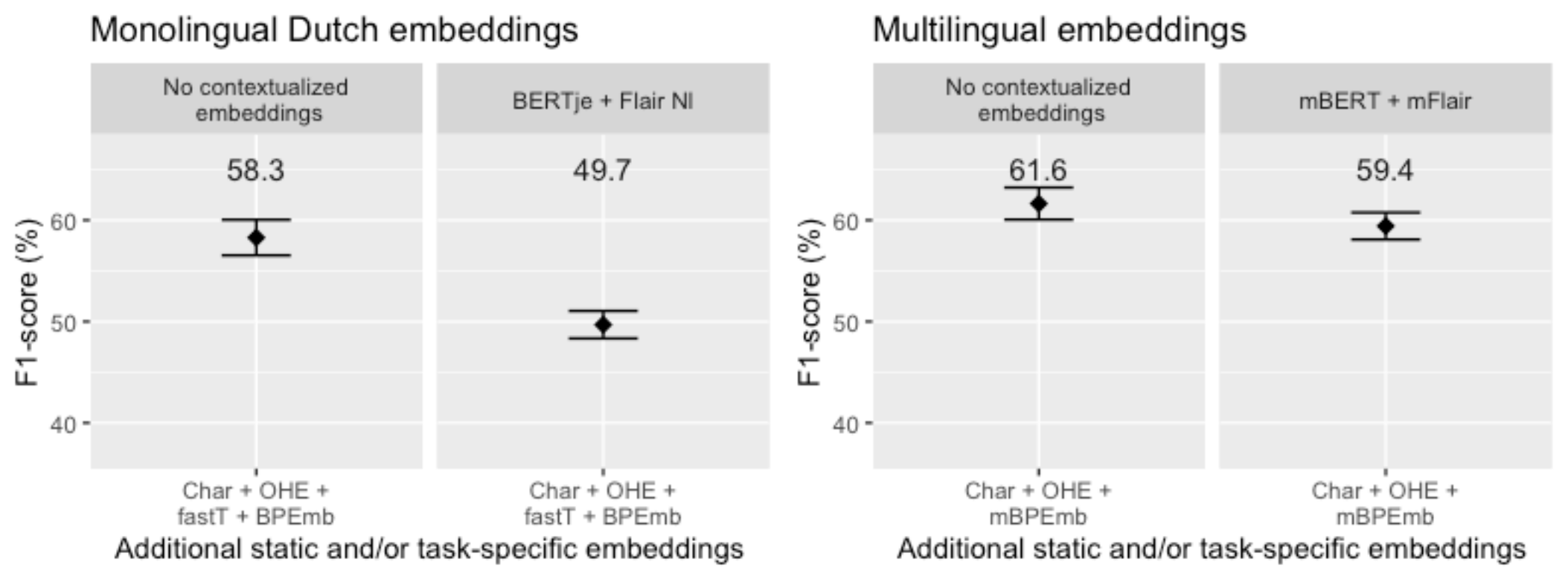
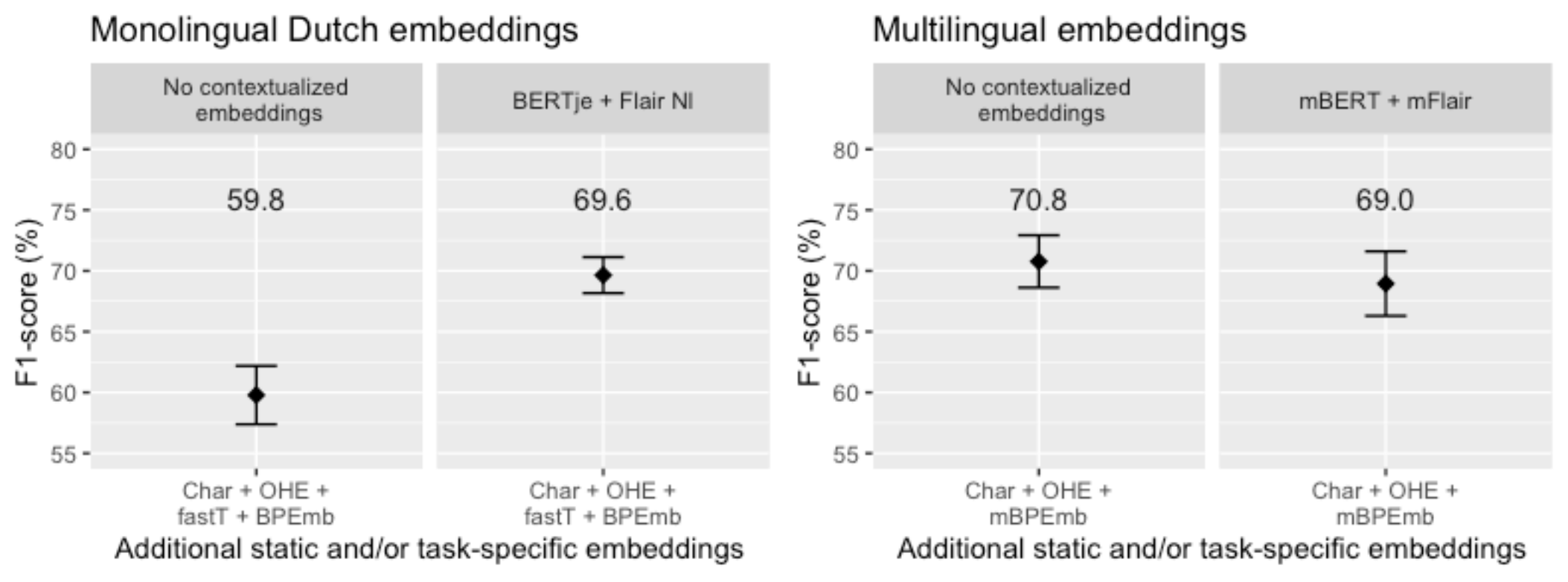

Monolingual Dutch embeddings
No contextualized embeddings
BERTje + Flair NI
58.3
49.7
F1-score (%)
60
50
40
Char + OHE + fastT + BPEmb
Char + OHE + fastT + BPEmb
Additional static and/or task-specific embeddings
Multilingual embeddings
No contextualized embeddings
mBERT + mFlair
61.6
59.4
F1-score (%)
60
50
40
Char + OHE + mBPEmb
Char + OHE + mBPEmb
Additional static and/or task-specific embeddings


Monolingual Dutch embeddings
No contextualized embeddings
BERTje + Flair NI
F1-score (%)
80
75
70
65
60
55
59.8
69.6
Char + OHE + fastT + BPEmb
Char + OHE + fastT + BPEmb
Additional static and/or task-specific embeddings
Multilingual embeddings
No contextualized embeddings
mBERT + mFlair
70.8
69.0
Char + OHE + mBPEmb
Char + OHE + mBPEmb
Additional static and/or task-specific embeddings

Dutch Faktion dataset

Multilingual Faktion dataset

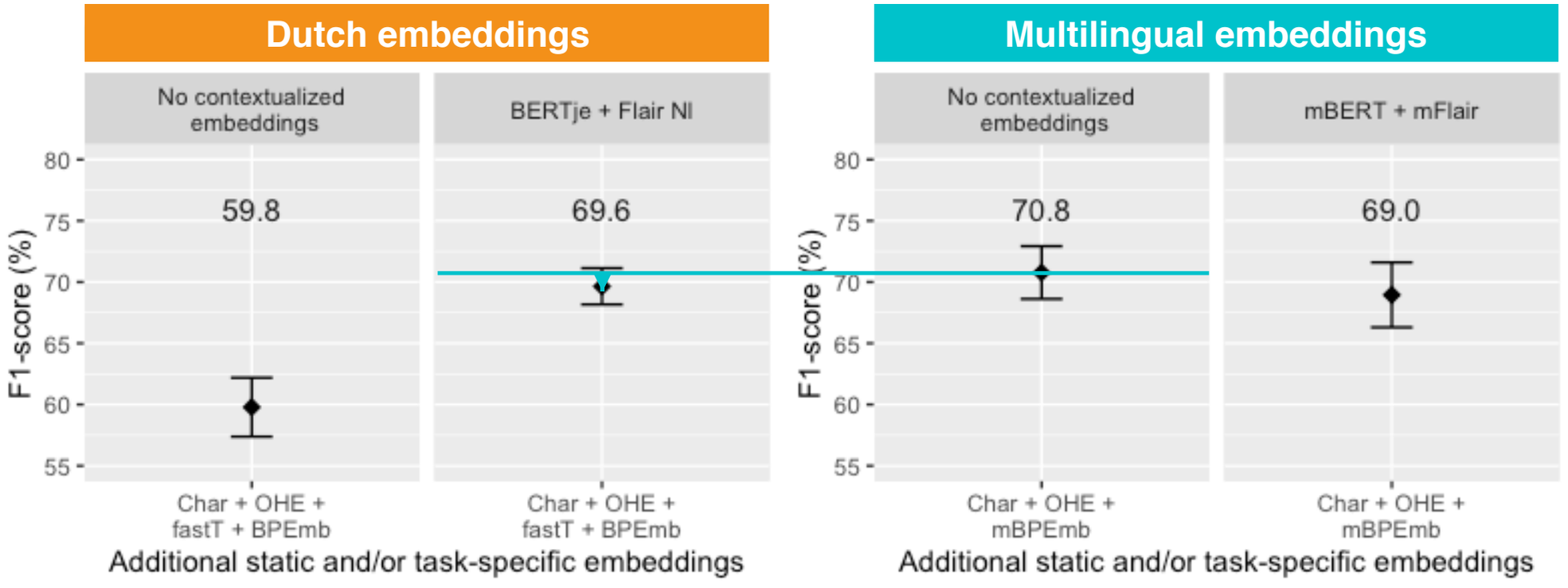
Dutch embeddings

Multilingual embeddings

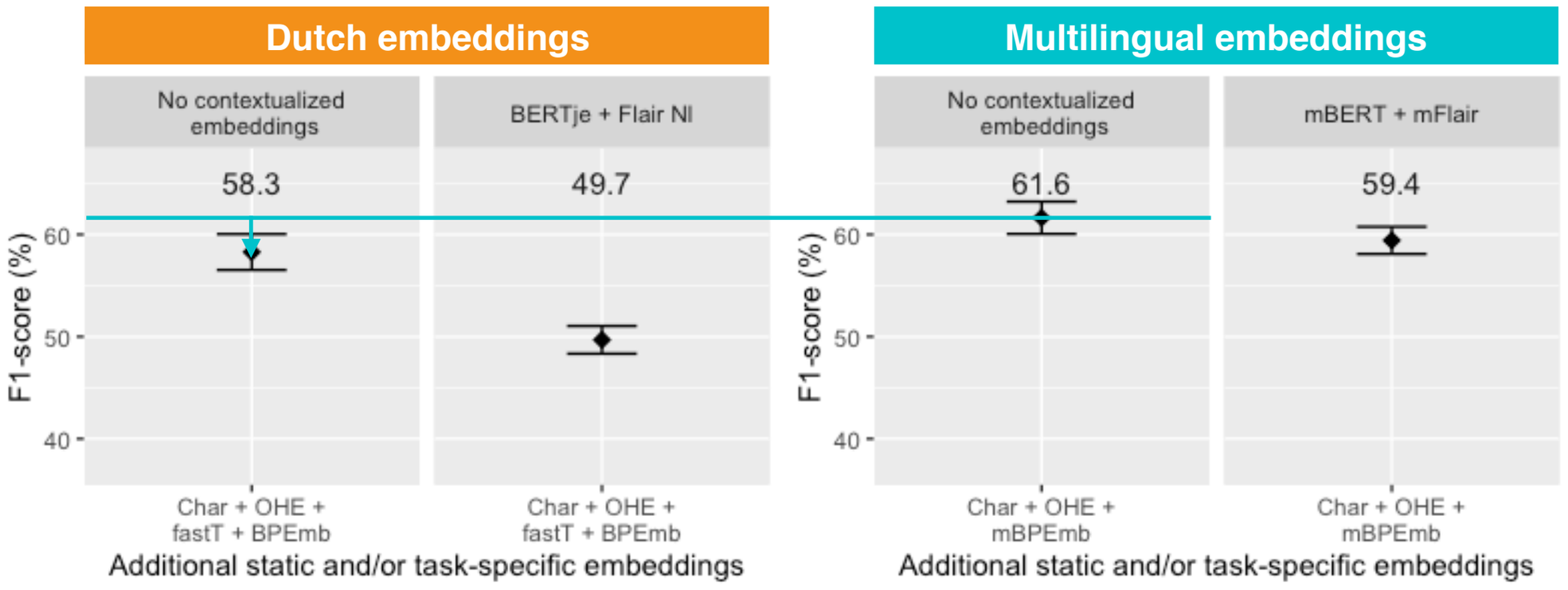
Dutch embeddings

Multilingual embeddings

Dutch Faktion dataset



Multilingual Faktion dataset



Conclusion

Research hypotheses

Monolingual input data: monolingual embeddings > multilingual embeddings

Multilingual input data: multilingual embeddings > monolingual embeddings