

That's a lot of diacritics! And as you can see, they are (mostly) correctly positioned over their base characters. Any one of them would be correctly positioned over a wider character, e.g. $\text{m}^{\text{̃}}$, or over a taller one, e.g. $\text{Å}^{\text{̃}}$.

But MUFI contains many more diacritics, and some software will not position them correctly. For example, a combining ar ligature (U+F038) looks like this over m: $\text{m}^{\text{̃}}$. It looks like this over an A: $\text{Å}^{\text{̃}}$. That's because the layout engine (Harfbuzz) employed by the application in which I'm writing this document (LibreOffice) does not recognize or treat U+F038 as a combining mark.

But I can fool LibreOffice by typing an "a" instead of U+F038 and applying a "Character Variant" tag "cv64=3" to convert that "a" into the combining "ar" ligature: $\text{m}^{\text{̃}}$. (This won't work in MS Word, which does not support Character Variants.) You apply a Character Variant by adding a suffix to the font name in the font box at the top of the screen: change "JuniusX" to "JuniusX:cv64=3" ("JuniusX:cv64" would be the same as "JuniusX:cv64=1").

In browsers, you should define CSS classes to do this work. For example, assuming you have correctly set up the @font-face definitions, e.g.

```
@font-face {
  font-family: JuniusX;
  src: url('../fonts/JuniusX-Regular.woff2');
  font-weight: 400;
  font-stretch: 100%;
  font-style: normal;
}
```

next you define a class to handle, e.g. the combining form of ē :

```
.ecomb {
  font-feature-settings: "cv70" on;
}
```

Finally, to produce the correct base+mark combination, type

```
<span class="ecomb">mē</span>.
```

The result will be to convert the ē into a combining mark that is positioned correctly: $\text{m}^{\text{̃}}$. Note that the must include both the m and the ē , that is, both the base character and the mark. This won't work: m ē . Similarly, in LibreOffice you must select both the base character and the mark before applying the Character Variant.

Because most of these Character Variants convert ordinary letters into combining marks, you need to apply them only to the two characters, or perhaps the word. Otherwise, the result may be shocking, e.g. “The quick br̥wn f̥x jumps̥ver the lazy d̥g.” Here “cv72” has converted every o into an exotic combining mark.

A few Character Variants (cv61–63) produce different forms of a semantically identical combining mark, e.g. ̇ instead of ̈. You can and should apply these to the whole text once you’ve decided which form you want to use.

Finally you need a reference for the Character Variations and what they do. The following table shows all of the ones that create or vary combining marks:

code		source		1	2	3	4
cv61	turns	ó	into	ȯ	ö		
cv62		ö		ö̂			
cv63		õ		õ̃			
cv64		a		ᵃo	ᵃo	ᵃo	ᵃo
cv65		b		ᵇo	ᵇo		
cv66		d		ᵈo			
cv67		f		ᶠo			
cv68		ı		ı̇o			
cv69		j		ᵱo			
		J		ᵱ̂o			
cv70		ę		ᵋ̇o			
		ē		ᵋ̄o			
cv71		k		ᵏo			
cv72		o		ᵒ¹	ᵒᵃ		
		ō		ᵒ̄ᵃ			
		ȯ		ᵒ̇ᵃ			

1 A combining mark produced by an o can’t go over an o with this system for obvious reasons. For that and similar cases you must use the original MUFI code point: see <https://skaldic.abdn.ac.uk/m.php?p=mufi>.

		ø		^o å			
cv73		p		^p ö			
cv74		q		^q ö			
cv75		t		^t ö			
		τ		^τ ö			
cv76		w		^w ö			
cv77		y		^y ö			
cv78		þ		^þ ö			

Note that diacritics can be stacked. Thus, for example, an alternative way of typing ^oö would be to type o, followed by U+1DD3 and U+0304: ^oȫ. With this method you can produce combinations that have never been thought of, e.g. ^om̄.