

- (1) Dash, std. ligatures OK: – – fb ff fh ffh fi ffi fj ffj fk ffk fl fll ft ftt fh fl fs ff ft
- (2) Using **fontspec** to format fractions such as $\frac{4}{15}$ makes dash ligatures **NOT OK: -- ---**, but has no effect on the standard ligatures, which are still OK: e.g., ff fj
- (3) Using **textnormal** restores dash ligatures OK, but only locally: – –, while
- (4) globally, dash ligatures are still **NOT OK: -- ---**. Meanwhile, standard ligatures are nevertheless still OK: ff fj
- (5) However, using **normalfont** makes dash ligatures OK globally again: – – ff fj
- (6) The next three lines are a spot check of other things broken reported in github issue #376, prior to Aug-24-2019 update, but are now OK:
- (6.a) Test footnote.¹
- (6.b) Oldstylenums macro now OK: 0123456789; inline numbers: 0123456789
- (6.c) SMALL CAPS ARE NOW OK
- After tests 6.a, 6.b, 6.c, dash ligatures, and the std ligatures are still OK: – – ff fj
- (7) Now to shake out some bugs in **fontspec addfontfeature**:
- (8) Adding in ‘LibertinusSerif Historic Ligatures’ is OK: wurztite striçt Qu Qv Th st çt tt tz firefly buff fjord Gauß
- (9) Adding in ‘LibertinusSerif Rare Ligatures’ is OK: wurztite striçt Qu Qv Th st çt tt tç firefly buff fjord Gauß
- (10) Adding in ‘LibertinusSerif Contextual Ligatures’ **does not work (note short tail on Qu, Qv)**: wurztite striçt Qu Qv Th st çt tt tç firefly buff fjord Gauß
- (11) Be that as it may, after the **fontspec addfontfeatures** stuff, the dash ligatures are **NOT OK: -- ---**, but standard ligatures are still OK: ff fj
- (12) Using **normalfont** makes dash ligatures and other standard ligatures OK globally again: – – ff fj
- (13) Now try **fontspec’s RawFeature** on Discretionary and Contextual ligatures to prove that the correct long-tail ‘Q’ glyph is in fact in the LibertinusSerif font:
- (14) RawFeature ‘Discretionary Ligatures ONLY’ (note that only Th tt tç are affected, which is OK): wurztite strict Qu Qv Th st çt tt tç firefly buff fjord Gauß
- (15) RawFeature ‘Contextual Ligatures ONLY’ (note that other than the standard ligatures, only Qu Qv are affected which is OK): wurztite strict Qu Qv Th st çt tt tz firefly buff fjord Gauß
- (16) Again, **fontspec** has messed up dash ligatures, etc., **NOT OK: -- ---**, but standard ligatures are still OK: ff fj
- (17) **normalfont** makes dash ligatures and other standard ligatures OK globally again: – – ff fj
- (18) And here are the rest of the std ligatures, all OK: ff fh ffh fi ffi fj ffj fk ffk fl fll ft ftt fh fl fs ff ft

¹Footnotes would not compile (‘missing bracket’ problem), but are now OK.

