

D.6 Underlining Evaluation Process

In the table below the GP analysis of glyph pairs, in underlined context, is reported. The preliminary decision by the GP was to create a number of variant pairs based on underlining, reported below as “variant due to underlining”, but in the final decision the GP came to the conclusion not to base any variant pairs on the effect of underling, which is explained in the main text, section 6.4.1.

Before the decision not to base variants on underlining, as explained in 6.4.1, [code points](#) which include diacritics below the line, and those where the base characters extend below the line, were evaluated. Those code points were displayed in the same three common fonts used for cross-script variants analysis, i.e. Arial, Courier New, and Times New Roman. Each pair’s distinguishability was then evaluated by members of the GP.

Unicode Name	Unicode Code Point	Glyph	Glyph	Unicode Code Point	Unicode Name	Panel Conclusion
Latin Small Letter A with Circumflex	00E2	<u>â</u>	<u>â</u>	1EAD	Latin Small Letter A with Circumflex and Dot Below	Previous variant candidate due to underlining
		<u>â</u>	<u>â</u>			
		<u>â</u>	<u>â</u>			
Latin Small Letter A	0061	<u>a</u>	<u>a</u>	0061 + 0331	Latin Small Letter A + Combining Macron Below	Previous variant candidate due to underlining
		<u>a</u>	<u>a</u>			
		<u>a</u>	<u>a</u>			
Latin Small Letter A	0061	<u>ą</u>	<u>ą</u>	0105	Latin Small Letter A with Ogonek	Previous variant candidate due to underlining
		<u>ą</u>	<u>ą</u>			
		<u>ą</u>	<u>ą</u>			
Latin Small Letter A	0061	<u>à</u>	<u>à</u>	1EA1	Latin Small Letter A with Dot Below	Previous variant candidate due to underlining
		<u>à</u>	<u>à</u>			
		<u>à</u>	<u>à</u>			
Latin Small Letter A with Breve	0103	<u>ă</u>	<u>ă</u>	1EA7	Latin Small Letter A with Breve and Dot Below	Previous variant candidate due to underlining
		<u>ă</u>	<u>ă</u>			
		<u>ă</u>	<u>ă</u>			
Latin Small Letter B	0062	<u>þ</u>	<u>þ</u>	00FE	Latin Small Letter Thorn	Previous variant candidate due to underlining
		<u>þ</u>	<u>þ</u>			
		<u>þ</u>	<u>þ</u>			
Latin Small Letter C	0063	<u>ç</u>	<u>ç</u>	00E7	Latin Small Letter C with Cedilla	Distinguishable
		<u>ç</u>	<u>ç</u>			
		<u>ç</u>	<u>ç</u>			
Latin Small Letter D	0064	<u>d</u>	<u>d</u>	0256	Latin Small Letter D with Tail	Distinguishable
		<u>d</u>	<u>d</u>			
		<u>d</u>	<u>d</u>			

Unicode Name	Unicode Code Point	Glyph	Glyph	Unicode Code Point	Unicode Name	Panel Conclusion
Latin Small Letter D	0064	d	d	1E13	Latin Small Letter D with Circumflex Below	Previous variant candidate due to underlining
Latin Small Letter E	0065	e	e	0065 + 0331	Latin Small Letter E + Combining Macron Below	Previous variant candidate due to underlining
Latin Small Letter E	0065	e	e	0119	Latin Small Letter E with Ogonek	Previous variant candidate due to underlining
Latin Small Letter Open E	025B	e	e	025B + 0331	Latin Small Letter Open E + Combining Macron Below	Previous variant candidate due to underlining
Latin Small Letter Open E + Combining Diaeresis	025B + 0308	e	e	025B + 0331 + 0308	Latin Small Letter Open E + Combining Macron Below + Combining Diaeresis	Previous variant candidate due to underlining
Latin Small Letter E	0065	e	e	1EB9	Latin Small Letter E with Dot Below	Previous variant candidate due to underlining
Latin Small Letter E with Grave	00E8	e	e	1EB9 + 0300	Latin Small Letter E with Dot Below + Combining Grave Accent	Previous variant candidate due to underlining
Latin Small Letter E with Acute	00E9	e	e	1EB9 + 0301	Latin Small Letter E with Dot Below + Combining Acute Accent	Previous variant candidate due to underlining
Latin Small Letter E with Circumflex	00EA	e	e	1EC7	Latin Small Letter E with Circumflex and Dot Below	Previous variant candidate due to underlining
Latin Small Letter G	00EC	g	g	0071	Latin Small Letter Q	Distinguishable/Out of Scope (ASCII)
Latin Small Letter Gamma	0263	γ	γ	0079	Latin Small Letter Y	Previous variant candidate due to underlining
Latin Small Letter I	0069	i	i	0069 + 0331	Latin Small Letter I + Combining Macron Below	Previous variant candidate due to underlining
Latin Small Letter I	0069	i	i	1ECB	Latin Small Letter I with Dot Below	Previous variant candidate due to underlining
Latin Small Letter I	0069	i	i	012F	Latin Small Letter I with Ogonek	Distinguishable

Unicode Name	Unicode Code Point	Glyph	Glyph	Unicode Code Point	Unicode Name	Panel Conclusion
Latin Small Letter J	007A	j	j	012F	Latin Small Letter I with Ogonek	Previous variant candidate due to underlining
Latin Small Letter K	006B	k	k	0137	Latin Small Letter K with Cedilla	Previous variant candidate due to underlining
Latin Small Letter L	006C	l	l	013C	Latin Small Letter L with Cedilla	Previous variant candidate due to underlining
Latin Small Letter L	006C	l	l	1E37	Latin Small Letter L with Dot Below	Previous variant candidate due to underlining
Latin Small Letter L	006C	l	l	1E3D	Latin Small Letter L with Circumflex Below	Previous variant candidate due to underlining
Latin Small Letter L with Circumflex Below	1E3D	l	l	013C	Latin Small Letter L with Cedilla	Previous variant candidate due to underlining
Latin Small Letter M	006D	m	m	006D + 0327	Latin Small Letter M + Combining Cedilla	Distinguishable
Latin Small Letter M	006D	m	m	1E43	Latin Small Letter M with Dot Below	Previous variant candidate due to underlining
Latin Small Letter N	006E	n	n	0146	Latin Small Letter N with Cedilla	Previous variant candidate due to underlining
Latin Small Letter N	006E	n	n	1E47	Latin Small Letter N with Dot Below	Previous variant candidate due to underlining
Latin Small Letter N	006E	n	n	1E49	Latin Small Letter N with Line Below	Previous variant candidate due to underlining
Latin Small Letter N	006E	n	n	1E4B	Latin Small Letter N with Circumflex Below	Distinguishable
Latin Small Letter N with Cedilla	0146	n	n	1E4B	Latin Small Letter N with Circumflex Below	Previous variant candidate due to underlining
Latin Small Letter N	006E	n	n	014B	Latin Small Letter Eng	Previous variant candidate due to underlining

Unicode Name	Unicode Code Point	Glyph	Glyph	Unicode Code Point	Unicode Name	Panel Conclusion
Latin Small Letter O	006F	o	o	006F + 0327	Latin Small Letter O + Combining Cedilla	Distinguishable
Latin Small Letter O	006F	o	o	006F + 0331	Latin Small Letter O + Combining Macron Below	Previous variant candidate due to underlining
Latin Small Letter O	006F	o	o	1ECD	Latin Small Letter O with Dot Below	Previous variant candidate due to underlining
Latin Small Letter O with Grave	00F2	ò	ò	1ECD + 0300	Latin Small Letter O with Dot Below + Combining Grave Accent	Previous variant candidate due to underlining
Latin Small Letter O with Acute	00F3	ó	ó	1ECD + 0301	Latin Small Letter O with Dot Below + Combining Acute Accent	Previous variant candidate due to underlining
Latin Small Letter Open O	0254	ɔ	ɔ	0254 + 0331	Latin Small Letter Open O + Combining Macron Below	Previous variant candidate due to underlining
Latin Small Letter O with Circumflex	00F4	ô	ô	1ED9	Latin Small Letter O with Circumflex and Dot Below	Previous variant candidate due to underlining
Latin Small Letter O with Horn	01A1	ơ	ơ	1EE3	Latin Small Letter O with Horn and Dot Below	Previous variant candidate due to underlining
Latin Small Letter S	0073	s	s	015F	Latin Small Letter S with Cedilla	Previous variant candidate due to underlining
Latin Small Letter S	0073	s	s	0219	Latin Small Letter S with Comma Below	Distinguishable
Latin Small Letter S with Cedilla	015F	s	s	0219	Latin Small Letter S with Comma Below	Previous variant candidate due to underlining
Latin Small Letter S	0073	s	s	1E63	Latin Small Letter S with Dot Below	Previous variant candidate due to underlining
Latin Small Letter T	0074	t	t	021B	Latin Small Letter T with Comma Below	Previous variant candidate due to underlining
Latin Small Letter T	0074	t	t	1E6D	Latin Small Letter T with Dot Below	Previous variant candidate due to underlining

Unicode Name	Unicode Code Point	Glyph	Glyph	Unicode Code Point	Unicode Name	Panel Conclusion
Latin Small Letter T with Comma Below	021B	ṭ	ṭ	1E71	Latin Small Letter T with Circumflex Below	Previous variant candidate due to underlining
Latin Small Letter T	0074	ṭ	ṭ	1E71	Latin Small Letter T with Circumflex Below	Previous variant candidate due to underlining
Latin Small Letter U	0075	ụ	ụ	0173	Latin Small Letter U with Ogonek	Previous variant candidate due to underlining
Latin Small Letter U	0075	ụ	ụ	1EE5	Latin Small Letter U with Dot Below	Previous variant candidate due to underlining
Latin Small Letter U with Horn	01B0	ụ	ụ	1EF1	Latin Small Letter U with Horn and Dot Below	Previous variant candidate due to underlining
Latin Small Letter Y	0079	ỵ	ỵ	1EF5	Latin Small Letter Y with Dot Below	Previous variant candidate due to underlining