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STIX Submission for Relations equal, similar, inequalities

Glyph	Class	STIX Name	Description	Synonyms
\doteq	R	sdote	equal, dot below	
\doteqneq	R	nedot	not equal, dot	
∇	R	bne	reverse not equal	
$\nabla\equiv$	R	bnequiv	reverse not equivalent	
\thickapprox	R	thksim	/thicksim R: thick similar	\thicksim; thickapprox
\sim	R		difference (looks like similar, 223C?)	differ
$\sim\cdot$	R	simdot	similar, dot	
$\nabla\sim$	R	nvsim	not, vert, similar	

Glyph	Class	STIX Name	Description	Synonyms
\neq	R	nesim	not equal or similar	<code>\neqsim</code> ; <code>NotEqualTilde</code>
$\not\approx$	R	napid	not approximately identical to	<code>br6</code>
\cong	R	congdot	congruent, dot	
$\not\cong$	R	ncongdot	not congruent, dot	
\backcong	R	bcong	<code>/backcong</code> R: reverse congruent	<code>\backcong</code> ; <code>bcong</code>
\thickapprox	R	thkap	<code>/thickapprox</code> R: thick approximate	<code>\thickapprox</code> ; <code>thicksim</code>
$\approx\circ$	R	apacir	approximate, circumflex accent	
$\not\approx$	R	nvap	not, vert, approximate	









Glyph	Class	STIX Name	Description	Synonyms
\approx	R	apE	approximately equal or equal to	
$\not\approx$	R	napE	not approximately equal or equal to	
\equiv		eplus	equal, plus	
\pm	B	pluse	plus, equals	
\approx	R	Esim	equal, similar	
\neq	R	nvesim	not, vert, equal or similar	<code>bmp</code>
$::=$	R	Colone	double colon, equals	
\equiv	R	eDDot	<code>/ddotseq</code> R: equal with four dots	<code>\ddotseq</code>









Glyph	Class	STIX Name	Description	Synonyms
≡	R	equivDD	equivalent, four dots above	
⋈	R	ltcir	less than, circle inside	
⋉	R	gtcir	greater than, circle inside	
⋊	R	ltquest	less than, questionmark above	
⋋	R	gtquest	greater than, questionmark above	
⋍	R	les	/leqslant R: less-than-or-equal, slanted	\leqslant; les; les; les; LessSlantEqual
⋎	R	ges	/geqslant R: greater-or-equal, slanted	\geqslant; ges; ges; ges; GreaterSlantEqual
⋏	R	lesdot	less-than-or-equal, slanted, dot inside	









Glyph	Class	STIX Name	Description	Synonyms
⋐	R	gesdot	greater-than-or-equal, slanted, dot inside	
⋑	R	lesdoto	less-than-or-equal, slanted, dot above	
⋒	R	gesdoto	greater-than-or-equal, slanted, dot above	
⋓	R	lesdotor	less-than-or-equal, slanted, dot above right	
⋔	R	gesdotol	greater-than-or-equal, slanted, dot above left	
⋕	R	lesdotor	less-than-or-equal, slanted, dot above right	
⋖	R	gesdotol	greater-than-or-equal, slanted, dot above left	
⋗	R	lap	/lessapprox R: less, approximate	\lessapprox; lap









Glyph	Class	STIX Name	Description	Synonyms
\gtrapprox	R	gap	\gtrapprox R: greater, approximate	\gtrapprox ; gap
\nvl	R	nvlt	not, vert, less-than	
\nvg	R	nvgt	not, vert, greater-than	
\lneq	R	lne	\lneq N: less, not equals	\lneq ; lne
\gneq	R	gne	\gneq N: greater, not equals	\gneq ; gne
\nvlle	R	nvle	not, vert, less-than-or-equal	
\nvgge	R	nvge	not, vert, greater-than-or-equal	
\lvertneqq	R	lvnE	\lvertneqq N: less, vert, not double equals	\lvertneqq ; lvertnE









Glyph	Class	STIX Name	Description	Synonyms
\gvertneqq	R	gvnE	\gvertneqq N: gt, vert, not double equals	\gvertneqq ; gvertnE
\lnap	R	lnap	\lnap N: less, not approximate	\lnap ; lnapprox
\gnap	R	gnap	\gnap N: greater, not approximate	\gnap ; gnapprox
\nleq	R	nle	\nleq N: not less-than-or-equal	\nleq ; nle; $\not\leq$; NotLessEqual
\ngeq	R	nge	\ngeq N: not greater-than-or-equal	\ngeq ; nge; $\not\geq$; NotGreaterEqual
\nleqq	R	nleE	\nleqq N: not less, double equals	\nleqq ; nleE; NotGreaterFullEqual
\ngeqq	R	ngeE	\ngeqq N: not greater, double equals	\ngeqq ; ngeE; NotGreaterFullEqual
\nvlsim	R	nvlsim	not, vert, less, similar	









Glyph	Class	STIX Name	Description	Synonyms
	R	nvgsim	not, vert, greater, similar	
	R	lesg	less, equal, slanted, greater	
	R	gesl	greater, equal, slanted, less	
	R	lEg	/lesseqqgtr R: less, double equals, greater	\lesseqqgtr
	R	gEl	/gtreqqless R: greater, double equals, less	\gtreqqless; gEl
	R	lsime	less, similar, equal	
	R	gsime	greater, similar, equal	
	R	lsimg	less, similar, greater	

Glyph	Class	STIX Name	Description	Synonyms
	R	gsiml	greater, similar, less	
	R	lgE	less, greater, equal	
	R	glE	greater, less, equal	
	R	lesges	less, equal, slanted, greater, equal, slanted	
	R	gesles	greater, equal, slanted, less, equal, slanted	
	R	els	/eqslantless R: equal-or-less, slanted	\eqslantless; els
	R	egs	/eqslantgtr R: equal-or-greater slanted	\eqslantgtr; egs
	R	elsdot	equal-or-less, slanted, dot inside	

Glyph	Class	STIX Name	Description	Synonyms
	R	egsdot	equal-or-greater, slanted, dot inside	
	R	siml	similar, less	siml
	R	simg	similar, greater	simg
	R	simlE	similar, less, equal	
	R	simgE	similar, greater, equal	
	R	epeq	two consecutive equal signs	Equal
	R	Lt	/ll R: double less-than sign	NestedLessLess
	R	Gt	/gg R: double greater-than sign	NestedGreaterGreater

Glyph	Class	STIX Name	Description	Synonyms
	R		double less-than with underbar	\partialmeetcontraction
	R	nLt	not, vert, much less than	
	R	nGt	not, vert, much greater than	
	R	nsLt	not double less-than sign	NotNestedLessLess
	R	nsGt	not double greater-than sign	NotNestedGreaterGreater
	R	nLtv	not much less than, variant	NotLessLess
	R	nGtv	not much greater than, variant	NotGreaterGreater
	R	nLl	not triple less than	

Glyph	Class	STIX Name	Description	Synonyms
	R	nGg	not triple greater than	
	R	glj	greater, less, overlapping	
	R	gla	greater, less, apart	
	R	ltcc	less than, closed by curve	
	R	gtcc	greater than, closed by curve	
	R	lescc	less than, closed by curve, equal, slanted	
	R	gescc	greater than, closed by curve, equal, slanted	
	R	smt	smaller than	smt

Glyph	Class	STIX Name	Description	Synonyms
	R	lat	larger than	lat
	R	smte	smaller than or equal	
	R	late	larger than or equal	
	R	smtes	smaller than or equal, slanted	
	R	lates	larger than or equal, slanted	
	R	nbump	not bumpy equals	\nBumpeq; NotHumpDownHump
	R	nbumpe	not bumpy single equals	\nbumpeq; NotHumpEqual
	R	bumpE	bumpy, double equals	\bumpeq

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