

Recursive (Aug 2019, 220cc2f41)

Made by Arrow Type. Type design by Stephen Nixon, with contributions from Katja Schimmel, Lisa Huang, and Rafat Buchner, plus early guidance from faculty and instructors for KABK TypeMedia 2018. Type mastering by Ben Kiel.

Book design by Math Practice.
Typeset with Drawbot by Stephen Nixon.

<https://recursive.design>

Recursive has been sponsored by Google Fonts, through which it will soon be released. Recursive is released under the SIL Open Font License and can be freely used in or adapted for any project.

The Google logo, consisting of the word "Google" in its characteristic multi-colored sans-serif font.

A highly customizable variable font for design, code, and UI.

Recursive is a versatile new variable font with five stylistic axes. These variation axes enable customizable control within five stylistic ranges: Proportion, Expression, Weight, Slant, and Italic. Carefully-planned named instances also allow selection within a set of predefined styles.

Recursive offers a range of personality, from a sturdy, rational Linear to a friendly, energetic Casual. It comes in two subfamilies: Mono & Sans. Within these subfamilies, characters maintain the exact same width across all font styles. This allows for smooth stylistic transitions without affecting line length, enabling new levels of typographic flexibility & interactivity.

Flip the pages to see Recursive in action!

Proportion	1.00
Expression	0.00
Weight	900.00
Slant	0.00
Italic	1.00

rw

Proportion	1.00
Expression	0.00
Weight	899.98
Slant	-0.16
Italic	1.00

rw

Proportion	1.00
Expression	0.00
Weight	899.93
Slant	-0.31
Italic	1.00

rw

Proportion	1.00
Expression	0.00
Weight	899.85
Slant	-0.47
Italic	1.00

rw

Proportion	1.00
Expression	0.00
Weight	899.74
Slant	-0.63
Italic	1.00

rw

Proportion	1.00
Expression	0.01
Weight	899.60
Slant	-0.78
Italic	1.00

rw

Proportion	1.00
Expression	0.01
Weight	899.42
Slant	-0.94
Italic	1.00

rw

Proportion	1.00
Expression	0.01
Weight	899.21
Slant	-1.10
Italic	1.00

rw

Proportion	1.00
Expression	0.01
Weight	898.98
Slant	-1.26
Italic	1.00

rw

Proportion	1.00
Expression	0.01
Weight	898.71
Slant	-1.41
Italic	1.00

rw

Proportion	1.00
Expression	0.02
Weight	898.41
Slant	-1.57
Italic	1.00

rw

Proportion	1.00
Expression	0.02
Weight	898.09
Slant	-1.73
Italic	1.00

rw

Proportion	1.00
Expression	0.02
Weight	897.73
Slant	-1.88
Italic	1.00

rw

Proportion	1.00
Expression	0.03
Weight	897.35
Slant	-2.04
Italic	1.00

rw

Proportion	1.00
Expression	0.03
Weight	896.93
Slant	-2.20
Italic	1.00

rw

Proportion	1.00
Expression	0.04
Weight	896.49
Slant	-2.36
Italic	1.00

rw

Proportion	1.00
Expression	0.04
Weight	896.02
Slant	-2.51
Italic	1.00

rw

Proportion	1.00
Expression	0.05
Weight	895.53
Slant	-2.67
Italic	1.00

rw

Proportion	1.00
Expression	0.05
Weight	895.01
Slant	-2.83
Italic	1.00

rw

Proportion	1.00
Expression	0.06
Weight	894.46
Slant	-2.98
Italic	1.00

rw

Proportion	1.00
Expression	0.06
Weight	893.88
Slant	-3.14
Italic	1.00

rw

Proportion	1.00
Expression	0.07
Weight	893.28
Slant	-3.30
Italic	1.00

rw

Proportion	1.00
Expression	0.07
Weight	892.65
Slant	-3.45
Italic	1.00

rw

Proportion	1.00
Expression	0.08
Weight	892.00
Slant	-3.61
Italic	1.00

rw

Proportion	1.00
Expression	0.09
Weight	891.32
Slant	-3.77
Italic	1.00

rw

Proportion	1.00
Expression	0.09
Weight	890.62
Slant	-3.93
Italic	1.00

rw

Proportion	1.00
Expression	0.10
Weight	889.89
Slant	-4.08
Italic	1.00

rw

Proportion	1.00
Expression	0.11
Weight	889.14
Slant	-4.24
Italic	1.00

rw

Proportion	1.00
Expression	0.12
Weight	888.36
Slant	-4.40
Italic	1.00

rw

Proportion	1.00
Expression	0.13
Weight	887.57
Slant	-4.55
Italic	1.00

rw

Proportion	1.00
Expression	0.13
Weight	886.75
Slant	-4.71
Italic	1.00

rw

Proportion	1.00
Expression	0.14
Weight	885.90
Slant	-4.87
Italic	1.00

rw

Proportion	1.00
Expression	0.15
Weight	885.04
Slant	-5.03
Italic	1.00

rw

Proportion	1.00
Expression	0.16
Weight	884.15
Slant	-5.18
Italic	1.00

rw

Proportion	1.00
Expression	0.17
Weight	883.24
Slant	-5.34
Italic	1.00

rw

Proportion	1.00
Expression	0.18
Weight	882.31
Slant	-5.50
Italic	1.00

rw

Proportion	1.00
Expression	0.19
Weight	881.36
Slant	-5.65
Italic	1.00



rw

Proportion		1.00
Expression		0.20
Weight		880.39
Slant		-5.81
Italic		1.00

rw

Proportion		1.00
Expression		0.21
Weight		879.40
Slant		-5.97
Italic		1.00

rw

Proportion		1.00
Expression		0.22
Weight		878.39
Slant		-6.12
Italic		1.00

rw

Proportion		1.00
Expression		0.23
Weight		877.36
Slant		-6.28
Italic		1.00



rw

Proportion		1.00
Expression		0.24
Weight		876.31
Slant		-6.44
Italic		1.00



rw

Proportion		1.00
Expression	•	0.25
Weight		875.24
Slant		-6.60
Italic	•	1.00



rw

Proportion		1.00
Expression		0.26
Weight		874.15
Slant		-6.75
Italic		1.00



rw

Proportion		1.00
Expression		0.27
Weight		873.05
Slant		-6.91
Italic		1.00



rw

Proportion		1.00
Expression		0.28
Weight		871.93
Slant		-7.07
Italic		1.00



rw

Proportion		1.00
Expression		0.29
Weight		870.79
Slant		-7.22
Italic		1.00

rw

Proportion		1.00
Expression		0.30
Weight		869.63
Slant		-7.38
Italic		1.00

rw

Proportion		1.00
Expression		0.32
Weight		868.45
Slant		-7.54
Italic		1.00

rw

Proportion		1.00
Expression		0.33
Weight		867.26
Slant		-7.70
Italic		1.00

rw

Proportion		1.00
Expression		0.34
Weight		866.06
Slant		-7.85
Italic		1.00

rw

Proportion		1.00
Expression		0.35
Weight		864.84
Slant		-8.01
Italic		1.00

rw

Proportion		1.00
Expression		0.36
Weight		863.60
Slant		-8.17
Italic		1.00

rw

Proportion		1.00
Expression		0.38
Weight		862.35
Slant		-8.32
Italic		1.00

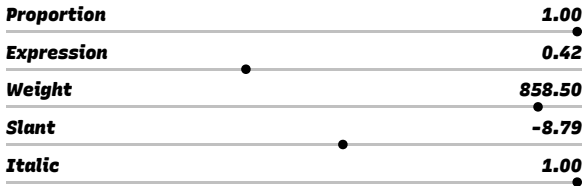
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Proportion		1.00
Expression		0.39
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Slant		-8.48
Italic		1.00

rw

Proportion		1.00
Expression		0.40
Weight		859.80
Slant		-8.64
Italic		1.00

rw



rw

Proportion		1.00
Expression		0.43
Weight		857.19
Slant		-8.95
Italic		1.00

rw

Proportion		1.00
Expression		0.44
Weight		855.87
Slant		-9.11
Italic		1.00

rw

Proportion		1.00
Expression		0.45
Weight		854.54
Slant		-9.27
Italic		1.00

rw

Proportion		1.00
Expression		0.47
Weight		853.19
Slant		-9.42
Italic		1.00

rw

Proportion		1.00
Expression		0.48
Weight		851.83
Slant		-9.58
Italic		1.00

rw

Proportion		1.00
Expression		0.50
Weight		850.46
Slant		-9.74
Italic		1.00

rw

Proportion		1.00
Expression		0.51
Weight		849.08
Slant		-9.89
Italic		1.00

rw

Proportion		1.00
Expression		0.52
Weight		847.68
Slant		-10.05
Italic		1.00

rw

Proportion		1.00
Expression		0.54
Weight		846.28
Slant		-10.21
Italic		1.00

rw

Proportion		1.00
Expression		0.55
Weight		844.86
Slant		-10.37
Italic		1.00

rw

Proportion		1.00
Expression		0.57
Weight		843.44
Slant		-10.52
Italic		1.00

rw

Proportion		1.00
Expression		0.58
Weight		842.00
Slant		-10.68
Italic		1.00

rw

Proportion		1.00
Expression		0.59
Weight		840.55
Slant		-10.84
Italic		1.00

rw

Proportion		1.00
Expression		0.61
Weight		839.10
Slant		-10.99
Italic		1.00

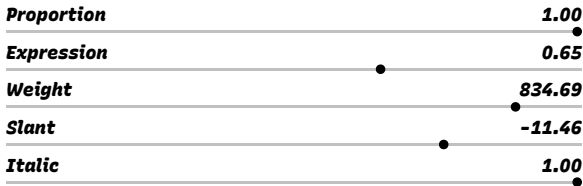
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Expression		0.62
Weight		837.64
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Italic		1.00

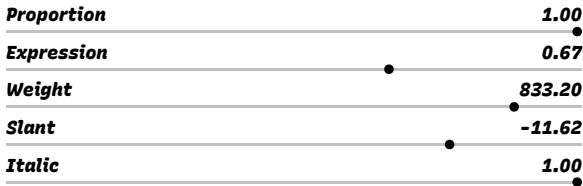
rw

<i>Proportion</i>		1.00
<i>Expression</i>		0.64
<i>Weight</i>		836.17
<i>Slant</i>		-11.31
<i>Italic</i>		1.00

rw



rw



rw

<i>Proportion</i>		1.00
<i>Expression</i>		0.68
<i>Weight</i>		831.70
<i>Slant</i>		-11.78
<i>Italic</i>		1.00

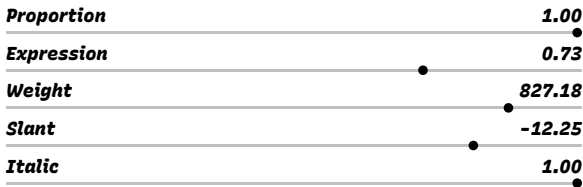
rw

<i>Proportion</i>		1.00
<i>Expression</i>		0.70
<i>Weight</i>		830.20
<i>Slant</i>		-11.94
<i>Italic</i>		1.00

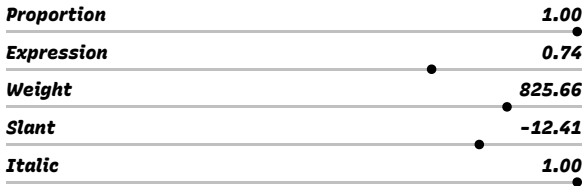
rw

<i>Proportion</i>		1.00
<i>Expression</i>		0.71
<i>Weight</i>		828.69
<i>Slant</i>		-12.09
<i>Italic</i>		1.00

rw



rw



rw

<i>Proportion</i>		1.00
<i>Expression</i>		0.76
<i>Weight</i>		824.13
<i>Slant</i>		-12.56
<i>Italic</i>		1.00

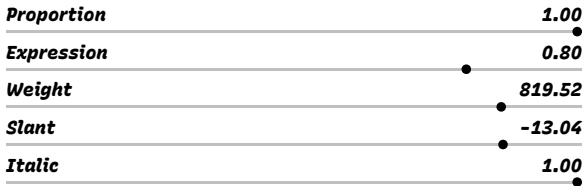
rw

<i>Proportion</i>		1.00
<i>Expression</i>		0.77
<i>Weight</i>		822.60
<i>Slant</i>		-12.72
<i>Italic</i>		1.00

rw

<i>Proportion</i>		1.00
<i>Expression</i>		0.79
<i>Weight</i>		821.06
<i>Slant</i>		-12.88
<i>Italic</i>		1.00

rw



rw

<i>Proportion</i>		1.00
<i>Expression</i>		0.82
<i>Weight</i>		817.98
<i>Slant</i>		-13.19
<i>Italic</i>		1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.84
<i>Weight</i>	816.43
<i>Slant</i>	-13.35
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.85
<i>Weight</i>	814.87
<i>Slant</i>	-13.51
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.87
<i>Weight</i>	813.32
<i>Slant</i>	-13.66
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.88
<i>Weight</i>	811.76
<i>Slant</i>	-13.82
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.90
<i>Weight</i>	810.19
<i>Slant</i>	-13.98
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.91
<i>Weight</i>	808.63
<i>Slant</i>	-14.14
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.93
<i>Weight</i>	807.06
<i>Slant</i>	-14.29
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.94
<i>Weight</i>	805.49
<i>Slant</i>	-14.45
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.96
<i>Weight</i>	803.93
<i>Slant</i>	-14.61
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.98
<i>Weight</i>	802.36
<i>Slant</i>	-14.76
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.99
<i>Weight</i>	800.79
<i>Slant</i>	-14.92
<i>Italic</i>	1.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.99
<i>Weight</i>	796.07
<i>Slant</i>	-14.92
<i>Italic</i>	0.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.98
<i>Weight</i>	788.22
<i>Slant</i>	-14.76
<i>Italic</i>	0.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.96
<i>Weight</i>	780.37
<i>Slant</i>	-14.61
<i>Italic</i>	0.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.94
<i>Weight</i>	772.53
<i>Slant</i>	-14.45
<i>Italic</i>	0.00

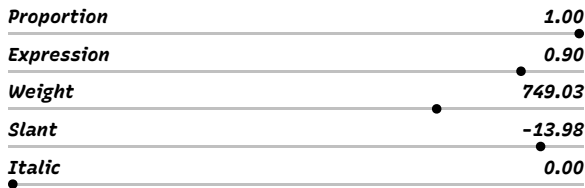
rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.93
<i>Weight</i>	764.69
<i>Slant</i>	-14.29
<i>Italic</i>	0.00

rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.91
<i>Weight</i>	756.85
<i>Slant</i>	-14.14
<i>Italic</i>	0.00

rw



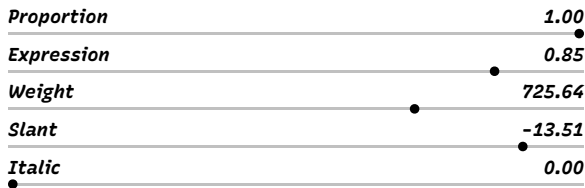
rw

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<i>Italic</i>	0.00

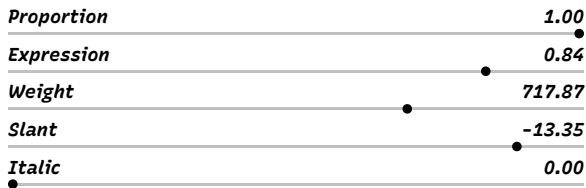
rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.87
<i>Weight</i>	733.42
<i>Slant</i>	-13.66
<i>Italic</i>	0.00

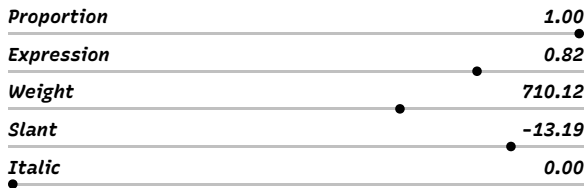
rw



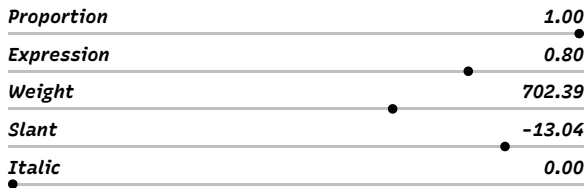
rw



rw



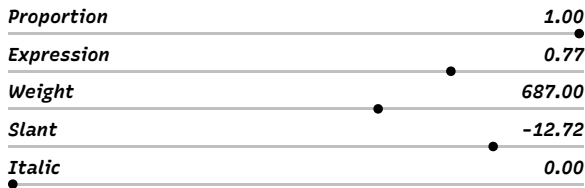
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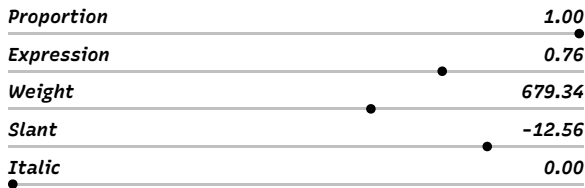
rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.79
<i>Weight</i>	694.69
<i>Slant</i>	-12.88
<i>Italic</i>	0.00

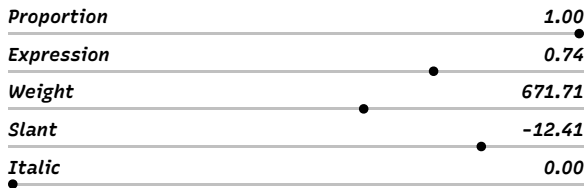
rw



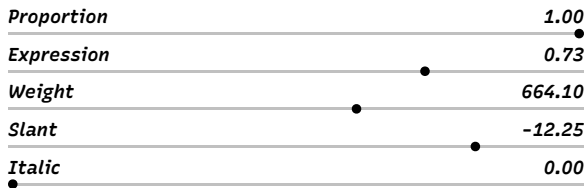
rw



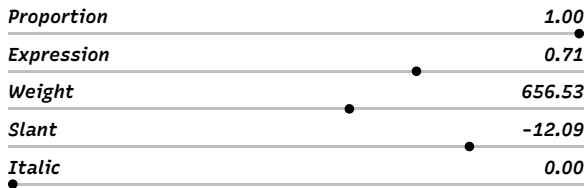
rw



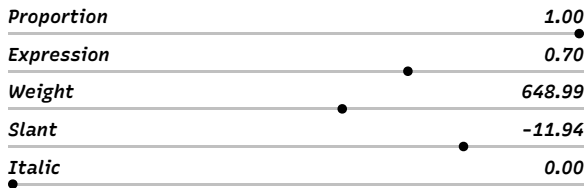
rw



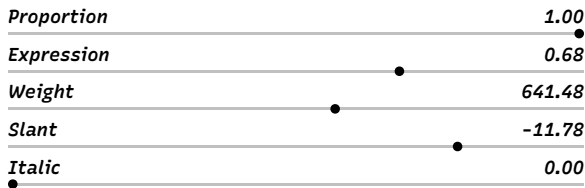
rw



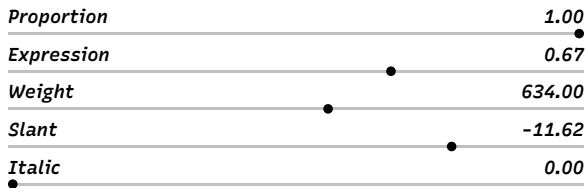
rw



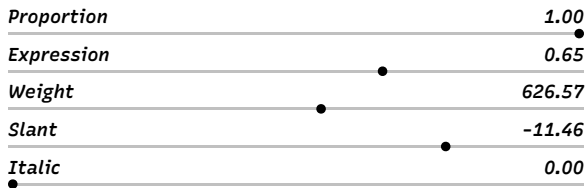
rw



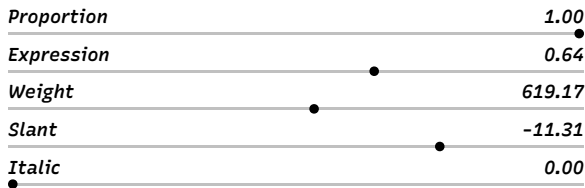
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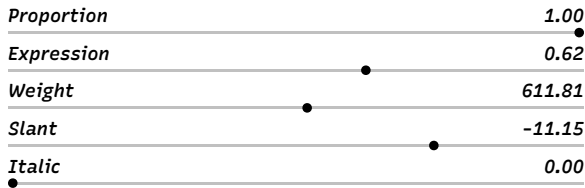
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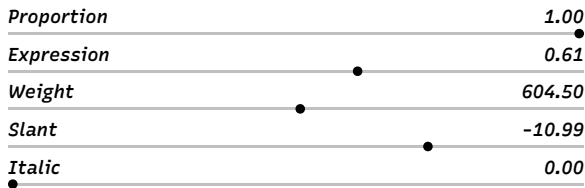
rw



rw



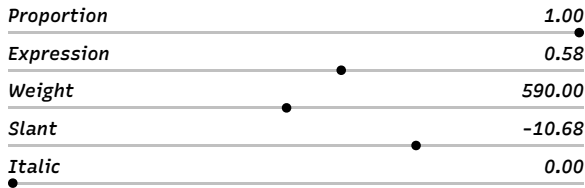
rw



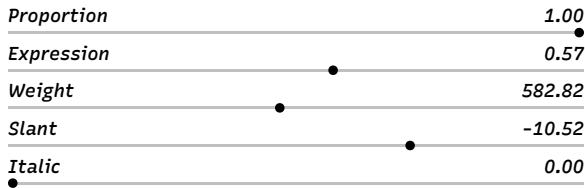
rw

<i>Proportion</i>		1.00
<i>Expression</i>		0.59
<i>Weight</i>		597.23
<i>Slant</i>		-10.84
<i>Italic</i>		0.00

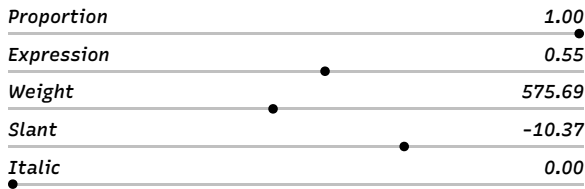
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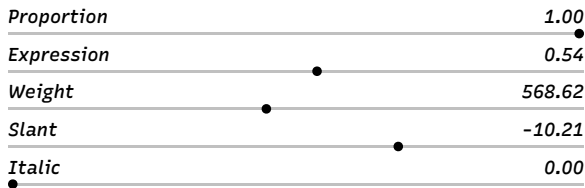
rw



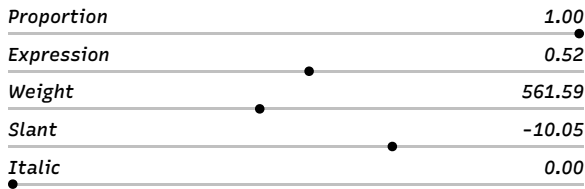
rw



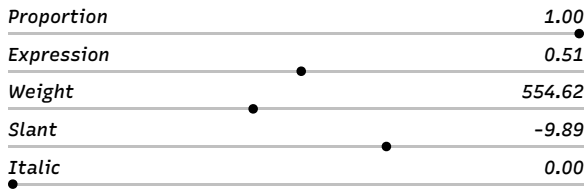
rw



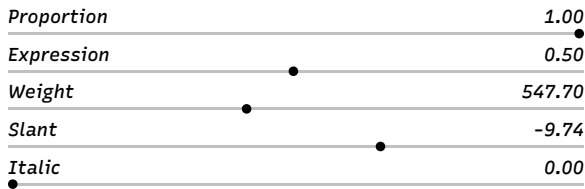
rw



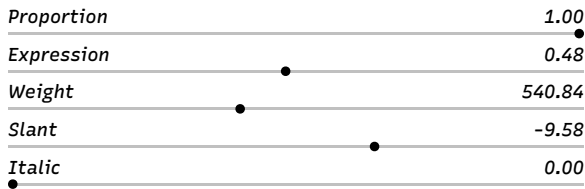
rw



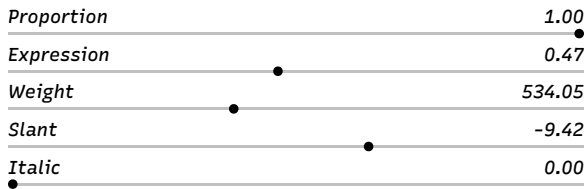
rw



rw



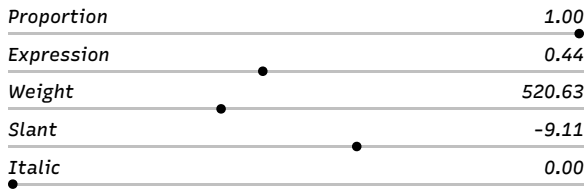
rw



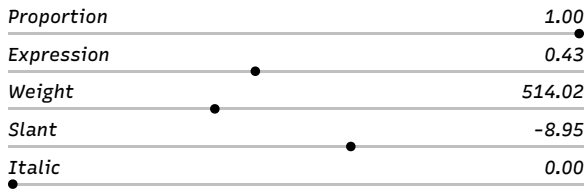
rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.45
<i>Weight</i>	527.31
<i>Slant</i>	-9.27
<i>Italic</i>	0.00

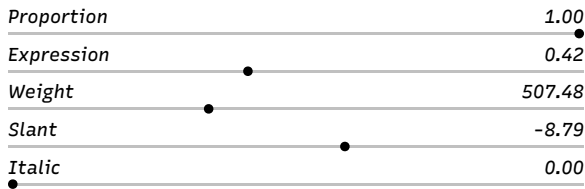
rw



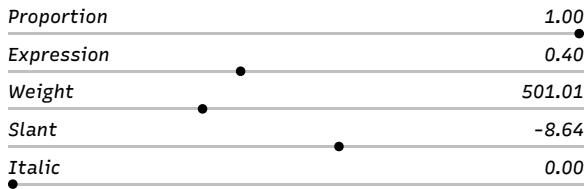
rw



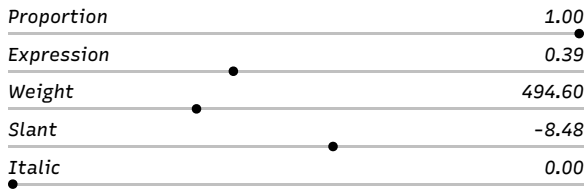
rw



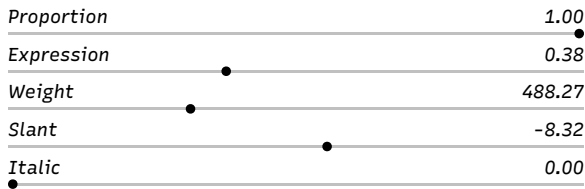
rw



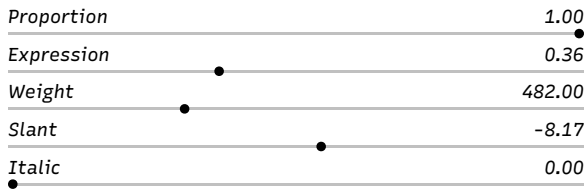
rw



rw



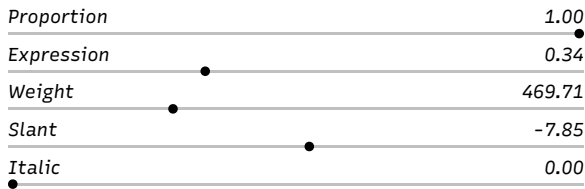
rw



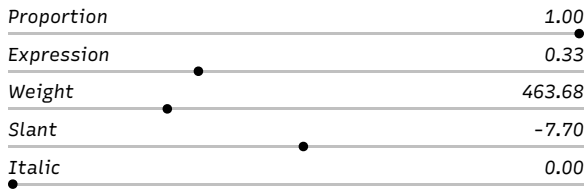
rw

<i>Proportion</i>	1.00
<i>Expression</i>	0.35
<i>Weight</i>	475.82
<i>Slant</i>	-8.01
<i>Italic</i>	0.00

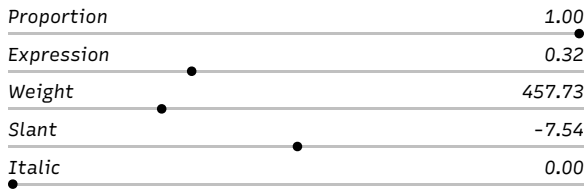
rw



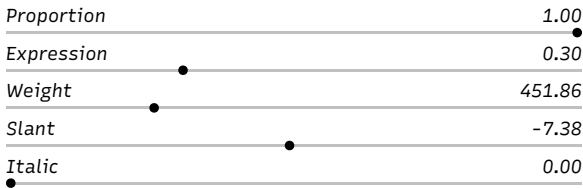
rw



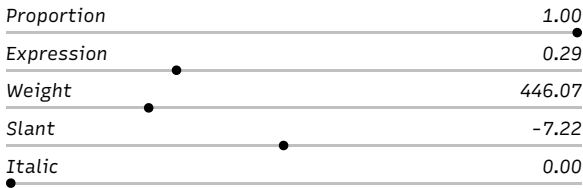
rw



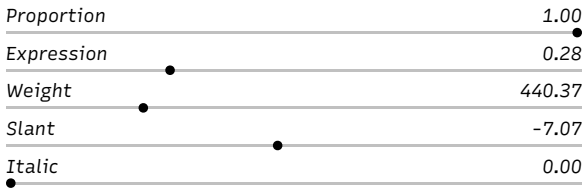
rw



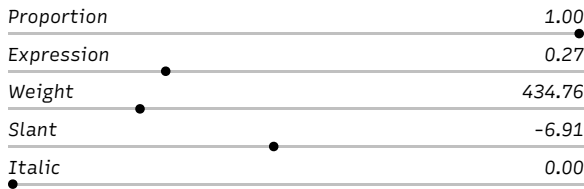
rw



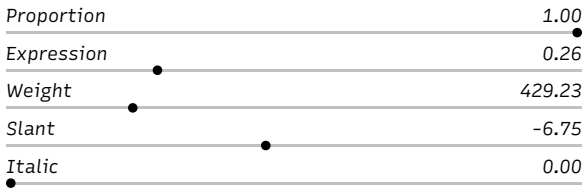
rw



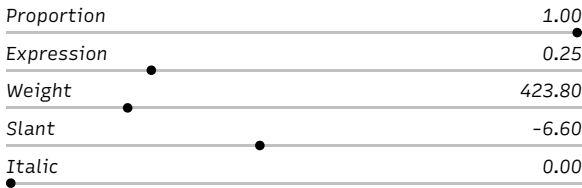
rw



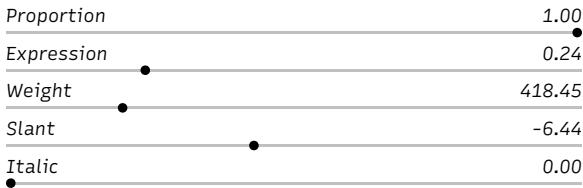
rw



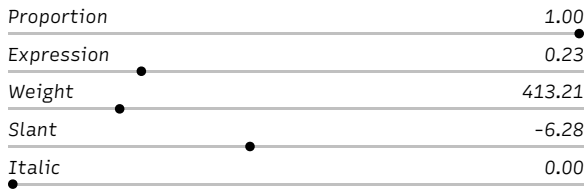
rw



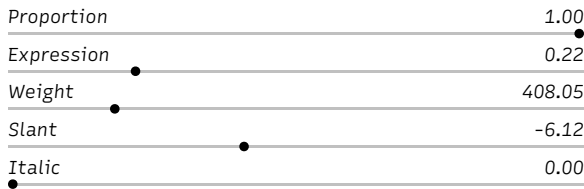
rw



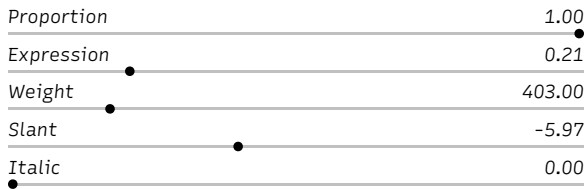
rw



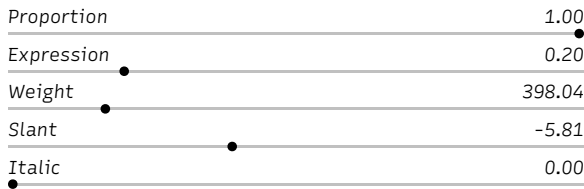
rw



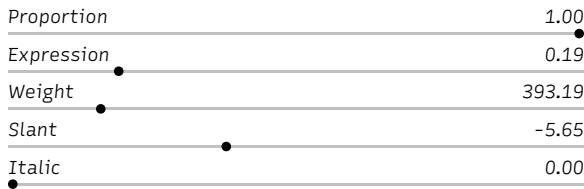
rw



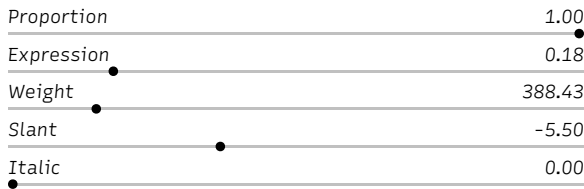
rw



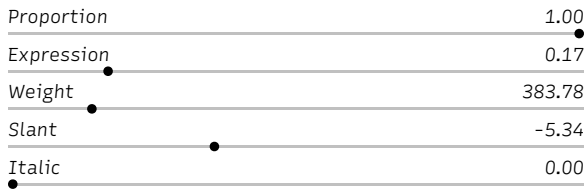
rw



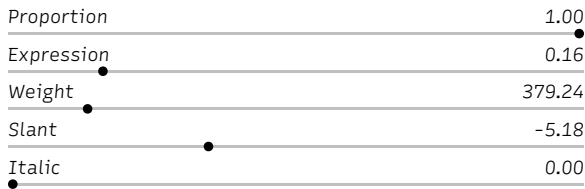
rw



rw



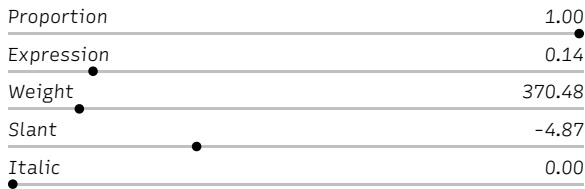
rw



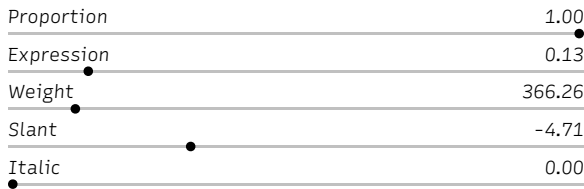
rw

Proportion	1.00
Expression	0.15
Weight	374.80
Slant	-5.03
Italic	0.00

rw



rw



rw

Proportion	1.00
Expression	0.13
Weight	362.16
Slant	-4.55
Italic	0.00

rw

Proportion	1.00
Expression	0.12
Weight	358.17
Slant	-4.40
Italic	0.00

rw

Proportion	1.00
Expression	0.11
Weight	354.30
Slant	-4.24
Italic	0.00

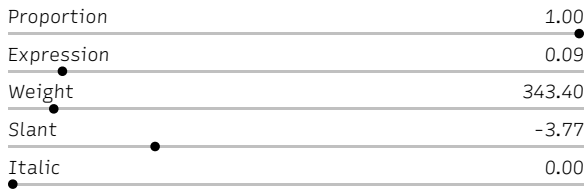
rw

Proportion	1.00
Expression	0.10
Weight	350.55
Slant	-4.08
Italic	0.00

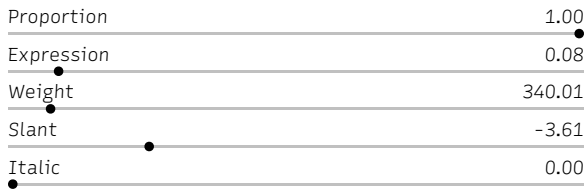
rw

Proportion	1.00
Expression	0.09
Weight	346.91
Slant	-3.93
Italic	0.00

rw



rw



rw

Proportion	1.00
Expression	0.07
Weight	336.75
Slant	-3.45
Italic	0.00

rw

Proportion	1.00
Expression	0.07
Weight	333.61
Slant	-3.30
Italic	0.00

rw

Proportion	1.00
Expression	0.06
Weight	330.60
Slant	-3.14
Italic	0.00

rw

Proportion	1.00
Expression	0.06
Weight	327.72
Slant	-2.98
Italic	0.00

rw

Proportion	1.00
Expression	0.05
Weight	324.97
Slant	-2.83
Italic	0.00

rw

Proportion	1.00
Expression	0.05
Weight	322.36
Slant	-2.67
Italic	0.00

rw

Proportion	1.00
Expression	0.04
Weight	319.88
Slant	-2.51
Italic	0.00

rw

Proportion	1.00
Expression	0.04
Weight	317.54
Slant	-2.36
Italic	0.00

rw

Proportion	1.00
Expression	0.03
Weight	315.33
Slant	-2.20
Italic	0.00

r w

Proportion	1.00
Expression	0.03
Weight	313.27
Slant	-2.04
Italic	0.00

r w

Proportion	1.00
Expression	0.02
Weight	311.35
Slant	-1.88
Italic	0.00

rw

Proportion	1.00
Expression	0.02
Weight	309.57
Slant	-1.73
Italic	0.00

r w

Proportion	1.00
Expression	0.02
Weight	307.94
Slant	-1.57
Italic	0.00

r w

Proportion	1.00
Expression	0.01
Weight	306.45
Slant	-1.41
Italic	0.00

r w

Proportion	1.00
Expression	0.01
Weight	305.12
Slant	-1.26
Italic	0.00

r w

Proportion	1.00
Expression	0.01
Weight	303.93
Slant	-1.10
Italic	0.00

rw

Proportion	1.00
Expression	0.01
Weight	302.90
Slant	-0.94
Italic	0.00

r w

Proportion	1.00
Expression	0.01
Weight	302.02
Slant	-0.78
Italic	0.00

r w

Proportion	1.00
Expression	0.00
Weight	301.30
Slant	-0.63
Italic	0.00

r w

Proportion	1.00
Expression	0.00
Weight	300.73
Slant	-0.47
Italic	0.00

r w

Proportion	1.00
Expression	0.00
Weight	300.33
Slant	-0.31
Italic	0.00

rw

Proportion	1.00
Expression	0.00
Weight	300.08
Slant	-0.16
Italic	0.00

r w

Proportion	1.00
Expression	0.00
Weight	300.00
Slant	0.00
Italic	0.00

r w

