

Even-run rhythm-maker

EvenRunRhythmMaker()

ER 1-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$

3:2

ER 1-2

$\frac{1}{11}$ $\frac{3}{8}$ $\frac{1}{11}$ $\frac{3}{8}$

11:8

ER 1-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$ $\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$

15:8 15:8 3:2 3:2 3:2 7:4 7:4 9:8 9:8

ER 1-4

$\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$

5:4 5:4

```
EvenRunRhythmMaker(  
    beam_specifier=BeamSpecifier(  
        beam_each_division=True,  
        beam_divisions_together=True,  
    ),  
)
```

ER 2-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$ 3:2

Two staves of musical notation. The first staff contains a sequence of eighth notes grouped by beams, with time signatures $\frac{4}{16}$, $\frac{5}{16}$, and $\frac{1}{2}$ above. The second staff continues the sequence with a triplet of eighth notes marked 3:2, followed by more eighth notes, and ends with a double bar line.

ER 2-2

$\frac{1}{11}$ $\frac{3}{8}$ 11:8 $\frac{1}{11}$ $\frac{3}{8}$ 11:8

Two staves of musical notation. The first staff shows a sequence of eighth notes with time signatures $\frac{1}{11}$ and $\frac{3}{8}$ above, and a bracket labeled 11:8. The second staff continues the sequence with another bracket labeled 11:8, and ends with a double bar line.

ER 2-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$ 15:8 15:8 3:2 3:2 $\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$ 3:2 3:2 7:4 7:4 9:8 9:8

Two staves of musical notation. The first staff contains a sequence of eighth notes with time signatures $\frac{3}{15}$, $\frac{3}{16}$, $\frac{5}{24}$, and $\frac{5}{16}$ above, and brackets labeled 15:8, 15:8, 3:2, and 3:2. The second staff continues the sequence with time signatures $\frac{2}{12}$, $\frac{2}{8}$, $\frac{3}{28}$, $\frac{3}{16}$, $\frac{1}{9}$, and $\frac{1}{8}$ above, and brackets labeled 3:2, 3:2, 7:4, 7:4, 9:8, and 9:8. The piece ends with a double bar line.

ER 2-4

$\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$ 5:4 $\frac{1}{5}$ $\frac{9}{16}$ 5:4

Two staves of musical notation. The first staff contains a sequence of eighth notes with time signatures $\frac{9}{16}$, $\frac{1}{5}$, and $\frac{9}{16}$ above, and a bracket labeled 5:4. The second staff continues the sequence with another bracket labeled 5:4, and ends with a double bar line.

```
EvenRunRhythmMaker(  
    beam_specifier=BeamSpecifier(  
        beam_each_division=False,  
        beam_divisions_together=False,  
    ),  
)
```

ER
3-1

$\frac{4}{16}$

$\frac{5}{16}$

$\frac{1}{2}$

$\frac{2}{12}$

ER
3-2

$\frac{1}{11}$

$\frac{3}{8}$

ER
3-3

$\frac{3}{15}$

$\frac{3}{16}$

$\frac{5}{24}$

$\frac{5}{16}$

ER
3-4

$\frac{9}{16}$

$\frac{1}{5}$

$\frac{9}{16}$

```
EvenRunRhythmMaker(
    tie_specifier=TieSpecifier(
        tie_across_divisions=True,
        tie_split_notes=True,
    ),
)
```

ER 4-1

4/16 5/16 1/2 2/12

1/2 2/12 4/16 5/16

ER 4-2

1/11 3/8

1/11 3/8

ER 4-3

3/15 3/16 5/24 5/16

2/12 2/8 3/28 3/16 1/9 1/8

ER 4-4

9/16 1/5 9/16

1/5 9/16

```
EvenRunRhythmMaker(  
  exponent=1,  
)
```

ER 5-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$ $\frac{3}{2}$

Two staves of musical notation. The first staff contains four measures: the first two are eighth-note runs (labeled 4/16 and 5/16), the third is a half note (labeled 1/2), and the fourth is a triplet of eighth notes (labeled 2/12 with a 3:2 ratio). The second staff contains three measures: the first is a half note (labeled 1/2), the second is a triplet of eighth notes (labeled 2/12 with a 3:2 ratio), and the third is an eighth-note run (labeled 4/16 and 5/16).

ER 5-2

$\frac{1}{11}$ $\frac{3}{8}$ $\frac{1}{11}$ $\frac{3}{8}$ $\frac{1}{11}$ $\frac{3}{8}$

Two staves of musical notation. The first staff contains four measures of eighth-note runs, each labeled with a fraction (1/11, 3/8, 1/11, 3/8) and a 11:8 ratio. The second staff contains three measures of eighth-note runs, each labeled with a fraction (1/11, 3/8, 1/11) and a 11:8 ratio.

ER 5-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$ $\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$

Two staves of musical notation. The first staff contains five measures of eighth-note runs, each labeled with a fraction (3/15, 3/16, 5/24, 5/16, 2/12) and a ratio (15:8, 15:8, 3:2, 3:2). The second staff contains five measures of eighth-note runs, each labeled with a fraction (2/12, 2/8, 3/28, 3/16, 1/9) and a ratio (3:2, 3:2, 7:4, 7:4, 9:8, 9:8).

ER 5-4

$\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$

Two staves of musical notation. The first staff contains three measures of eighth-note runs, each labeled with a fraction (9/16, 1/5, 9/16) and a 5:4 ratio. The second staff contains three measures of eighth-note runs, each labeled with a fraction (1/5, 9/16, 1/5) and a 5:4 ratio.