

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 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 11:8 ratio indicated. The second staff continues the sequence with the same time signatures and ratio, ending 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 ratios 15:8, 15:8, 3:2, and 3:2 indicated. 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 ratios 3:2, 3:2, 7:4, 7:4, 9:8, and 9:8 indicated, ending 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 5:4 ratio indicated. The second staff continues the sequence with the same time signatures and ratio, ending 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

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

Musical notation for ER 5-1. The first staff contains four measures: the first measure has a 4/16 time signature and a 16-beat eighth-note run; the second measure has a 5/16 time signature and a 16-beat eighth-note run; the third measure has a 1/2 time signature and a 4-beat half-note run; the fourth measure has a 2/12 time signature and a 12-beat eighth-note run with a 3:2 ratio bracket. The second staff contains three measures: the first measure has a 1/2 time signature and a 4-beat half-note run; the second measure has a 2/12 time signature and a 12-beat eighth-note run with a 3:2 ratio bracket; the third measure has a 4/16 time signature and a 16-beat eighth-note run. The piece ends with a double bar line.

ER 5-2

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

Musical notation for ER 5-2. The first staff contains four measures: the first measure has a 1/11 time signature and an 11-beat eighth-note run with an 11:8 ratio bracket; the second measure has a 3/8 time signature and an 8-beat eighth-note run; the third measure has an 11/8 time signature and an 8-beat eighth-note run; the fourth measure has a 3/8 time signature and an 8-beat eighth-note run. The second staff contains three measures: the first measure has a 1/11 time signature and an 11-beat eighth-note run; the second measure has a 3/8 time signature and an 8-beat eighth-note run; the third measure has a 1/11 time signature and an 11-beat eighth-note run with an 11:8 ratio bracket. The piece ends with a double bar line.

ER 5-3

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

Musical notation for ER 5-3. The first staff contains five measures: the first measure has a 3/15 time signature and a 15-beat eighth-note run with a 15:8 ratio bracket; the second measure has a 3/16 time signature and a 16-beat eighth-note run with a 15:8 ratio bracket; the third measure has a 5/24 time signature and a 24-beat eighth-note run with a 3:2 ratio bracket; the fourth measure has a 5/16 time signature and a 16-beat eighth-note run with a 3:2 ratio bracket; the fifth measure has a 5/16 time signature and a 16-beat eighth-note run. The second staff contains six measures: the first measure has a 2/12 time signature and a 12-beat eighth-note run with a 3:2 ratio bracket; the second measure has a 2/8 time signature and an 8-beat eighth-note run with a 3:2 ratio bracket; the third measure has a 3/28 time signature and a 28-beat eighth-note run with a 7:4 ratio bracket; the fourth measure has a 3/16 time signature and a 16-beat eighth-note run with a 7:4 ratio bracket; the fifth measure has a 1/9 time signature and a 9-beat eighth-note run with a 9:8 ratio bracket; the sixth measure has a 1/8 time signature and an 8-beat eighth-note run with a 9:8 ratio bracket. The piece ends with a double bar line.

ER 5-4

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

Musical notation for ER 5-4. The first staff contains three measures: the first measure has a 9/16 time signature and a 16-beat eighth-note run; the second measure has a 1/5 time signature and a 5-beat half-note run with a 5:4 ratio bracket; the third measure has a 9/16 time signature and a 16-beat eighth-note run. The second staff contains two measures: the first measure has a 1/5 time signature and a 5-beat half-note run with a 5:4 ratio bracket; the second measure has a 9/16 time signature and a 16-beat eighth-note run. The piece ends with a double bar line.