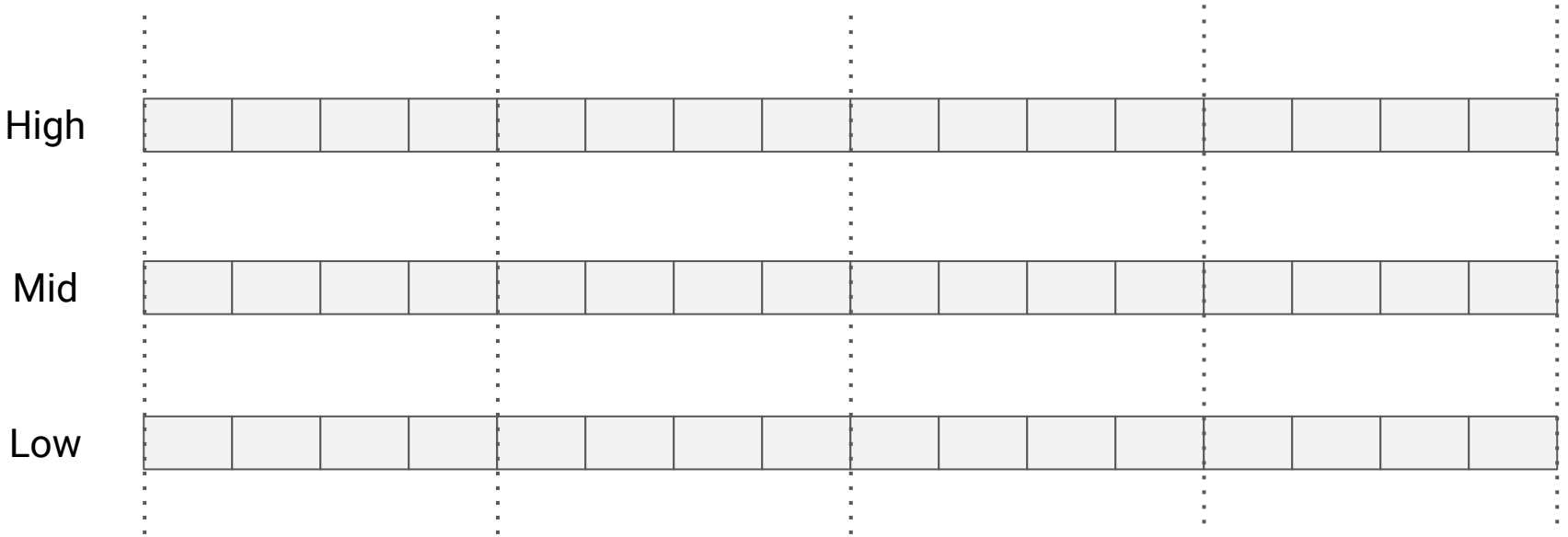
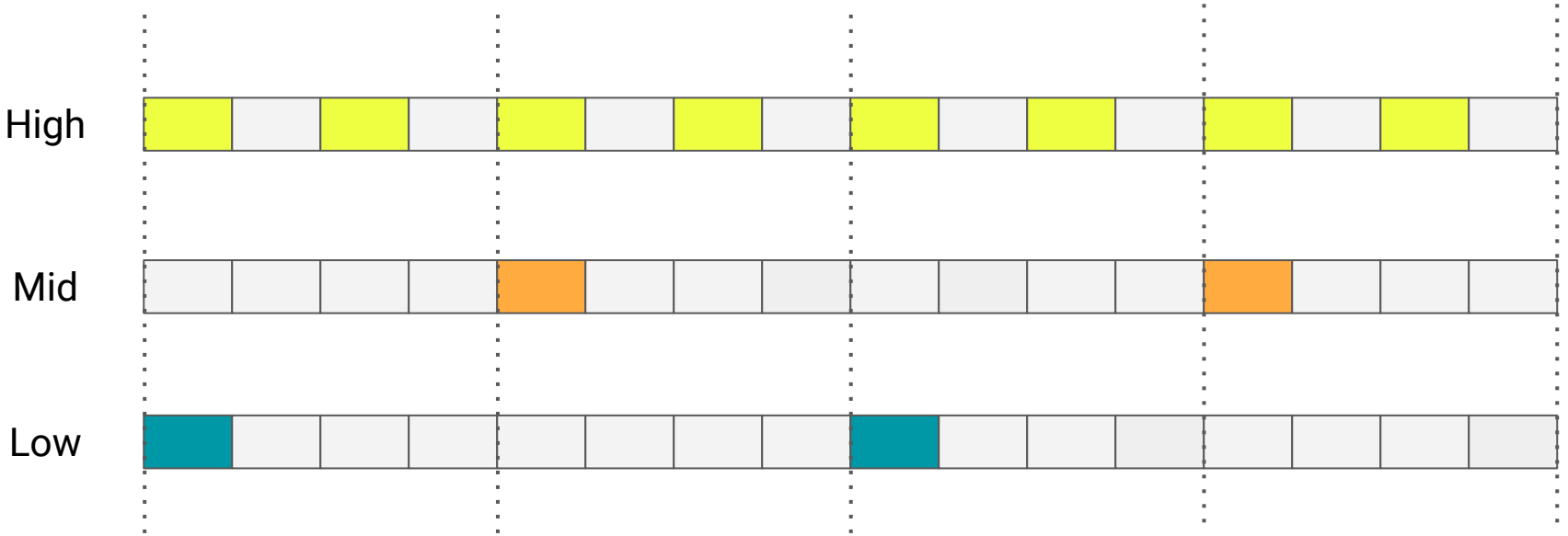
Rhythm generation

csd2a - sessie 5

Probability based on position in measure



Probability based on position in measure



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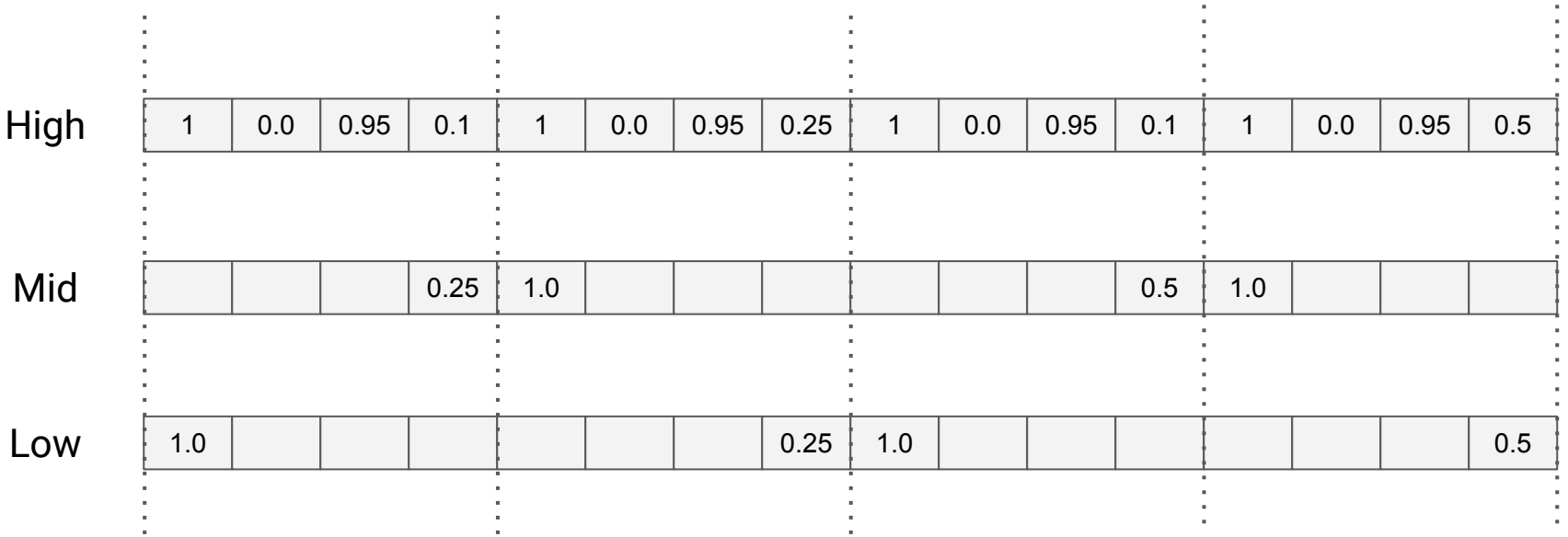
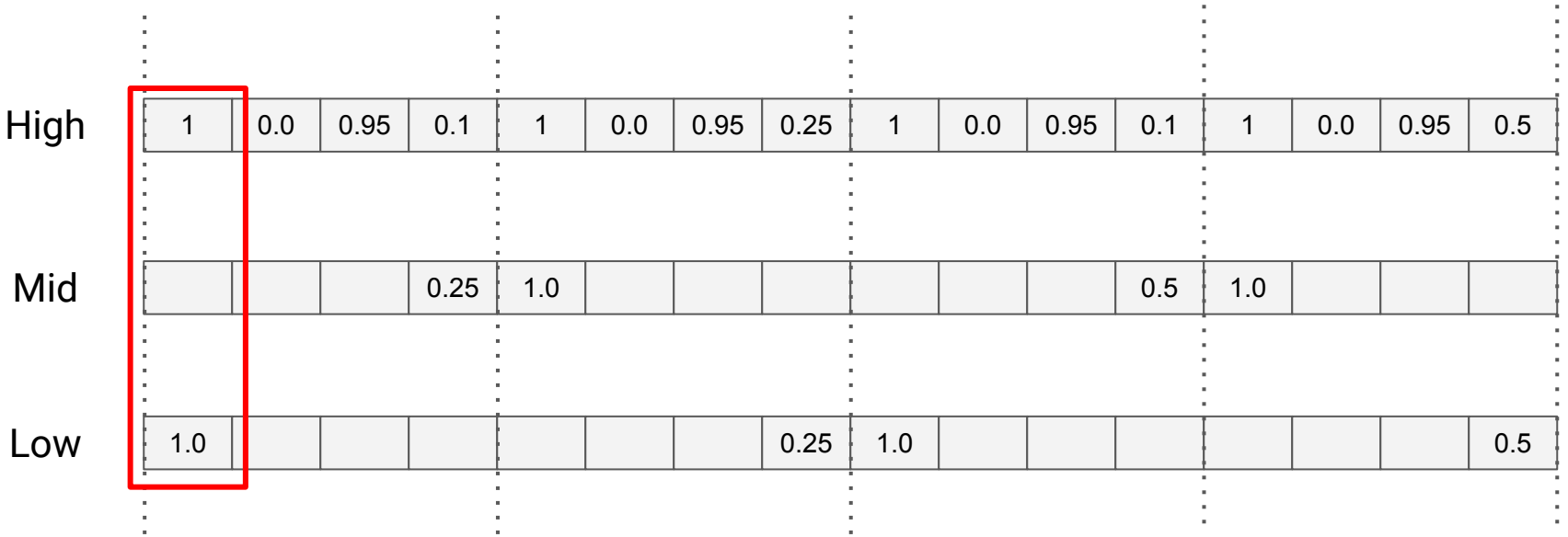


Probability based on position in measure



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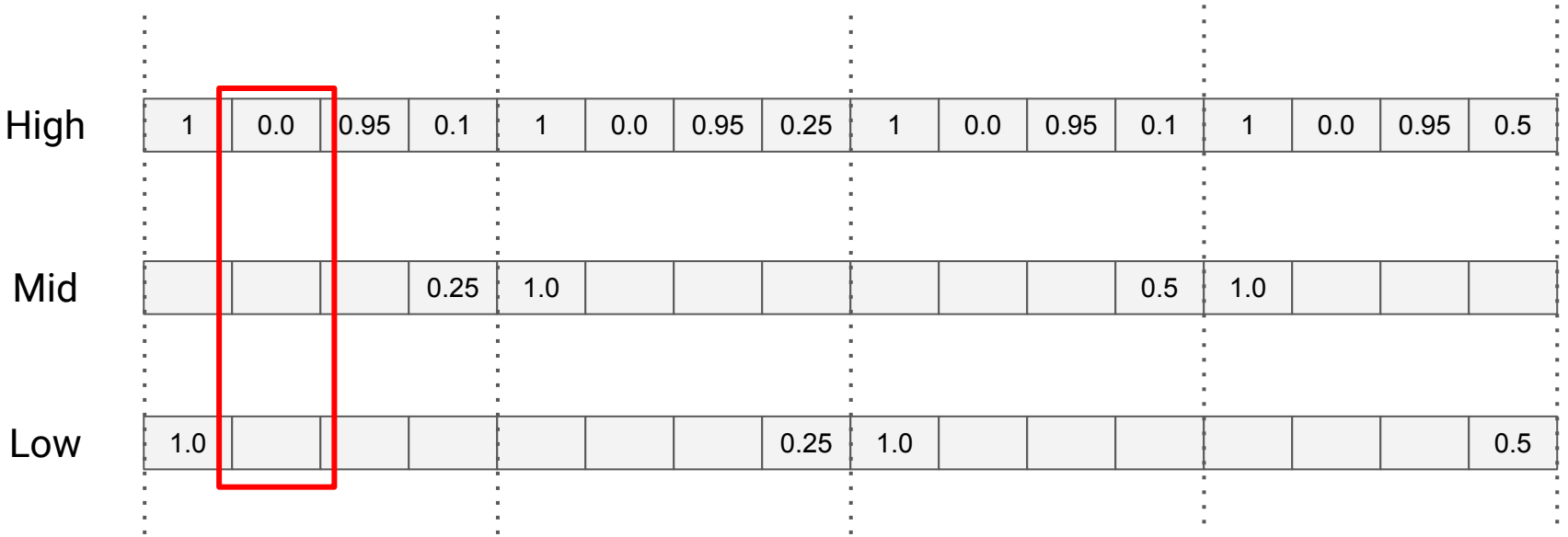
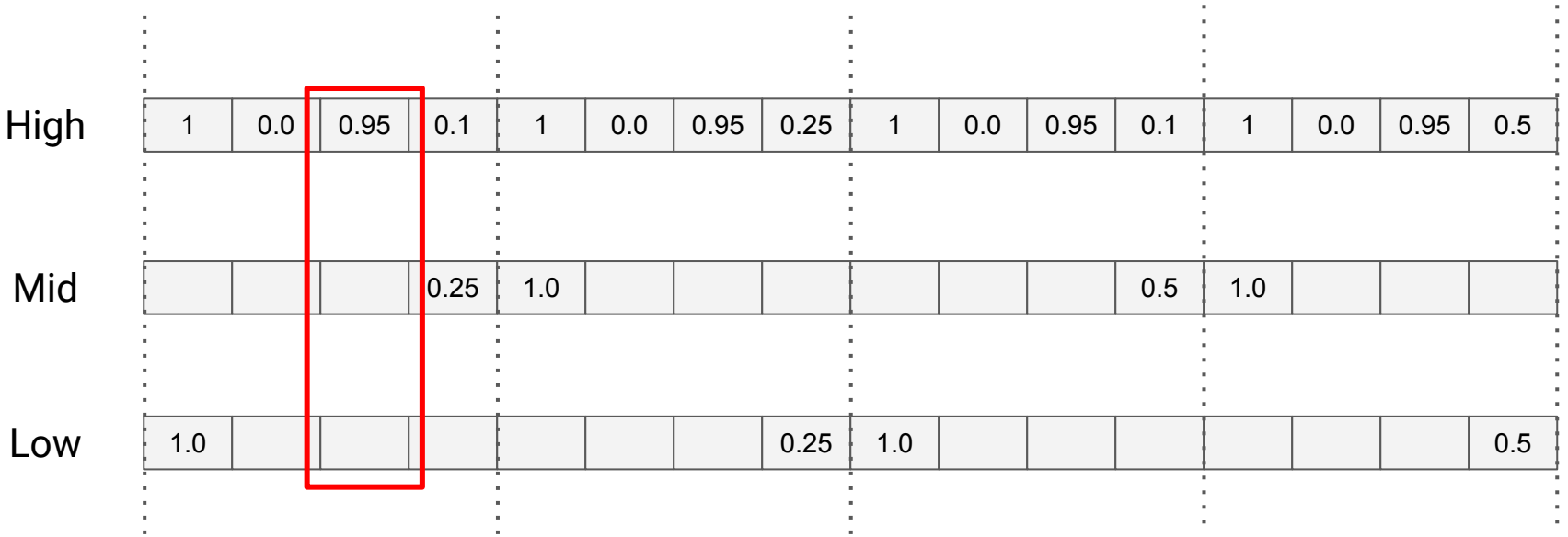


Probability based on position in measure



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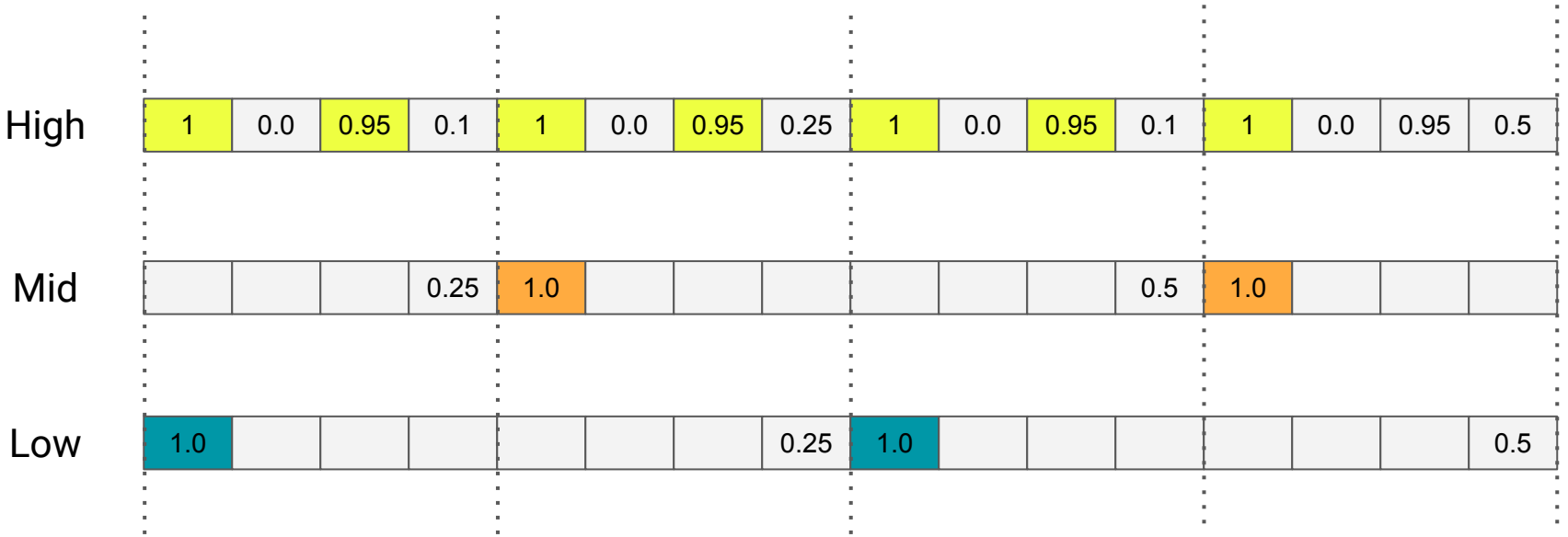
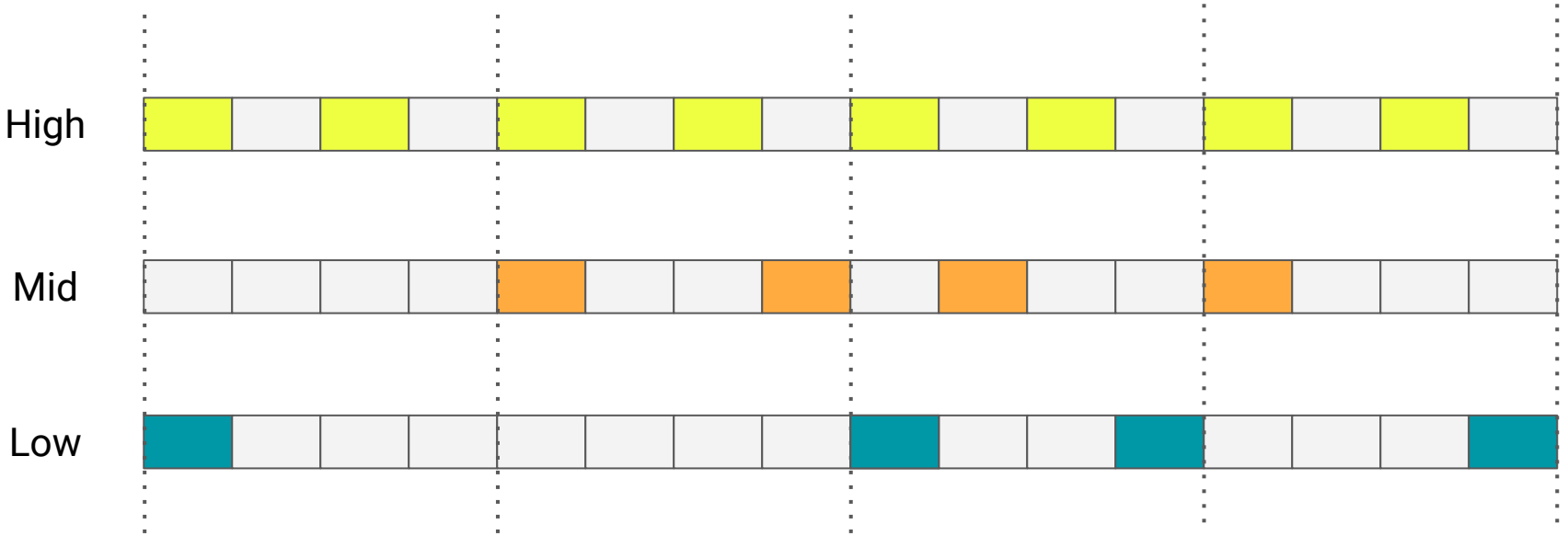


Probability based on position in measure



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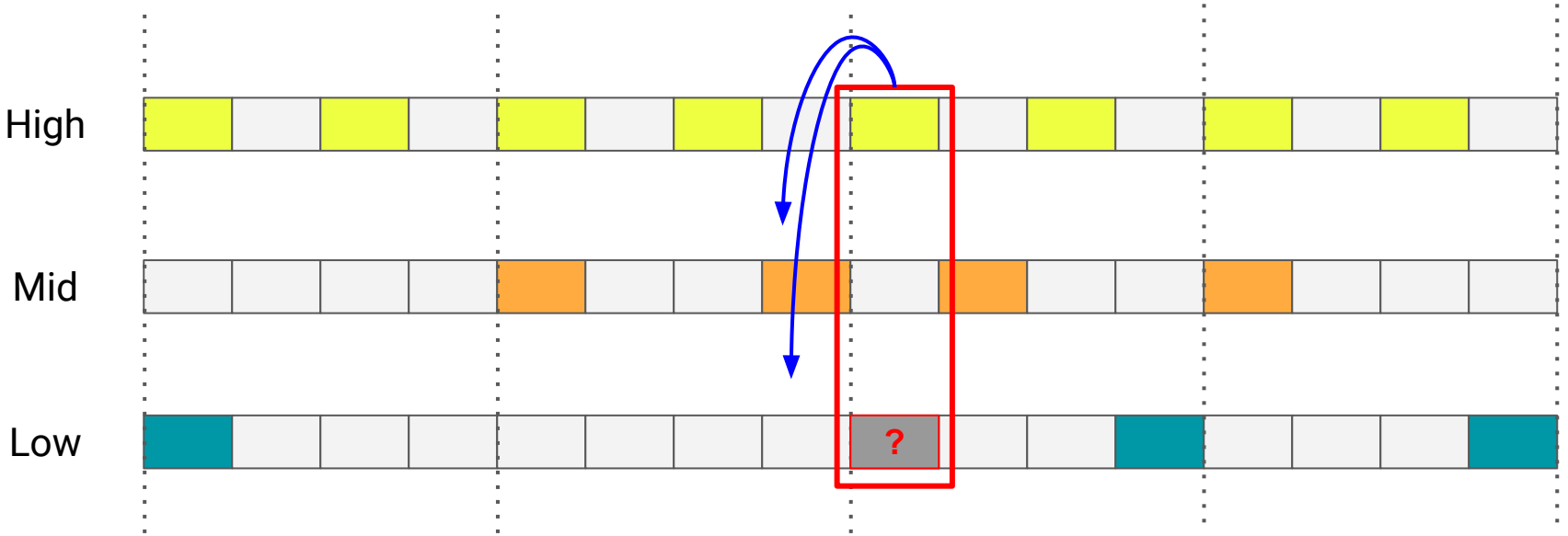

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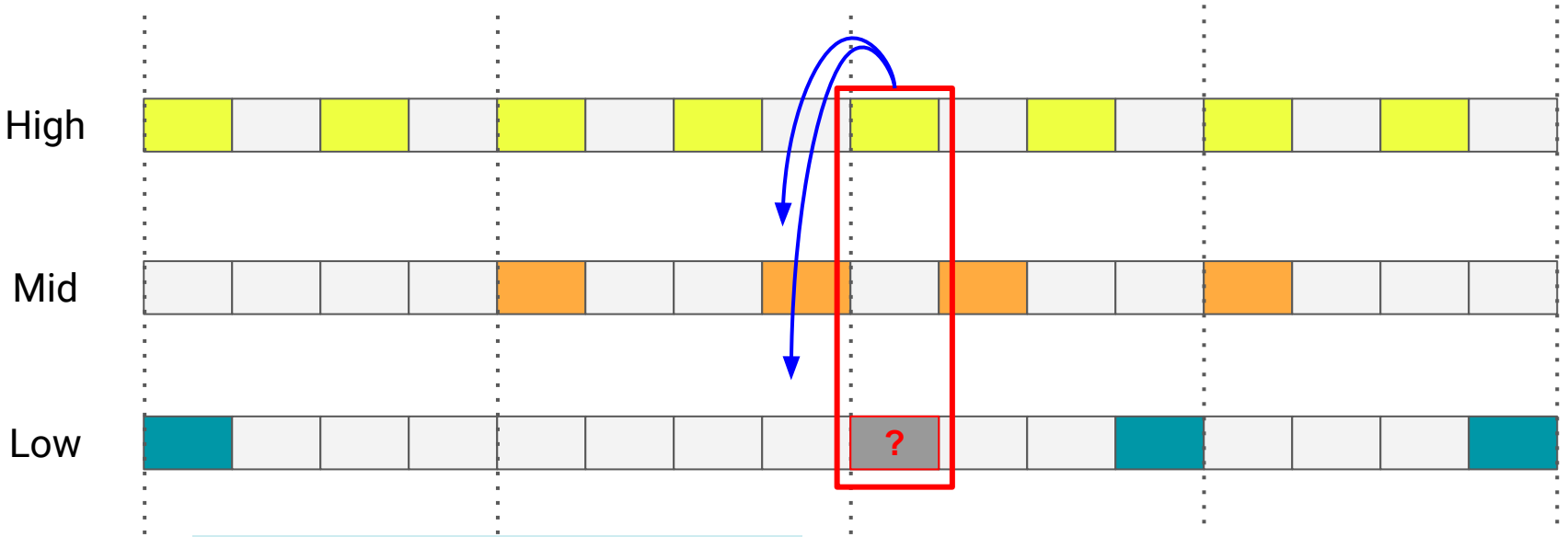
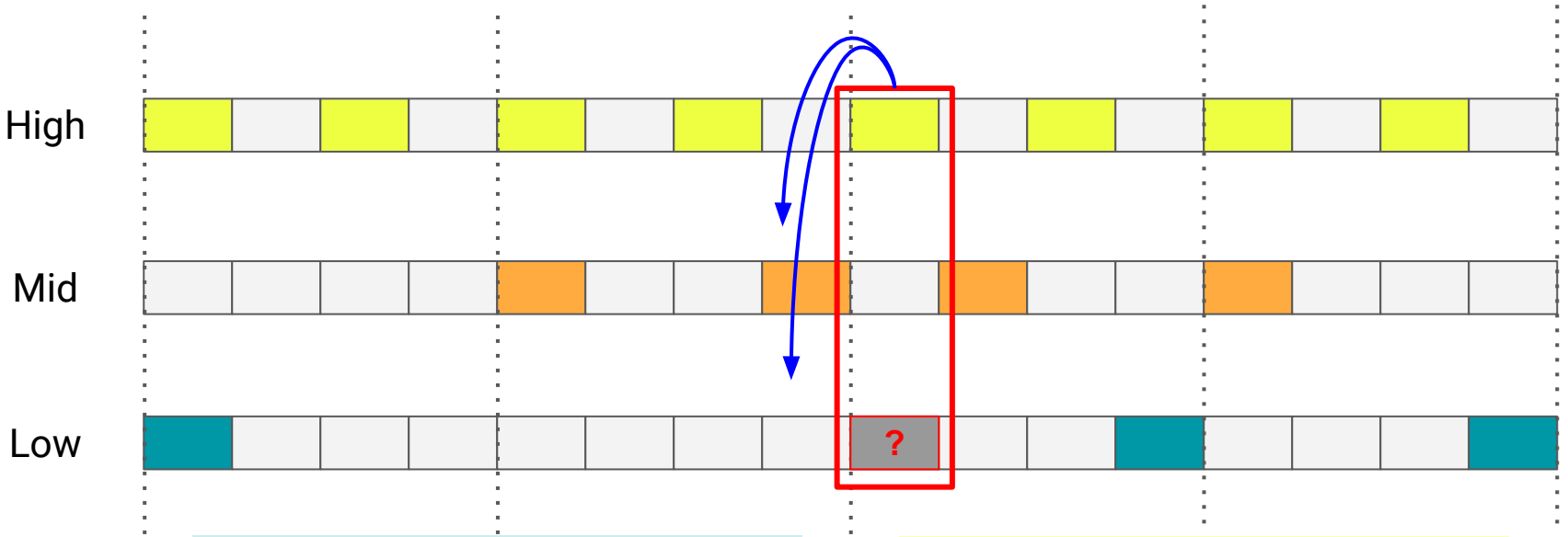



```
# generate note for ‘Low’
if (prevMid(cur_index)) {
     probabilityLow *= 0.1
}
```

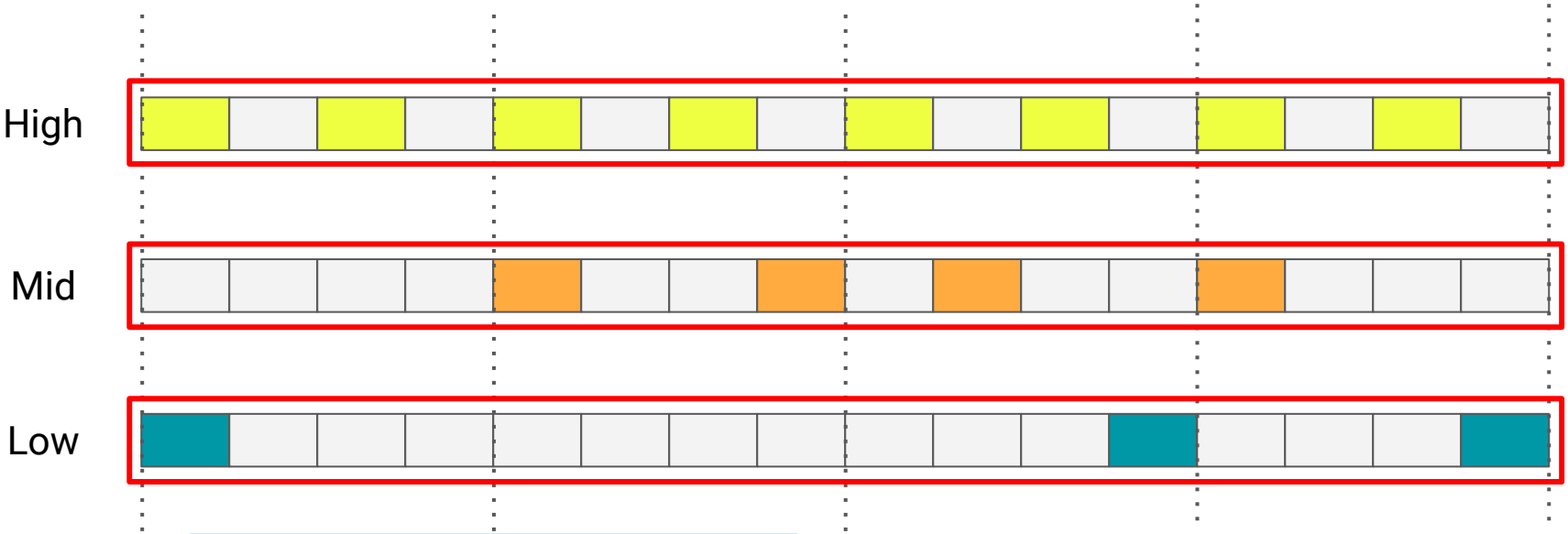
Probability based on position in measure




```
# generate note for ‘Low’
if (prevMid(cur_index)) {
     probabilityLow *= 0.1
}
```

Looking back even further?

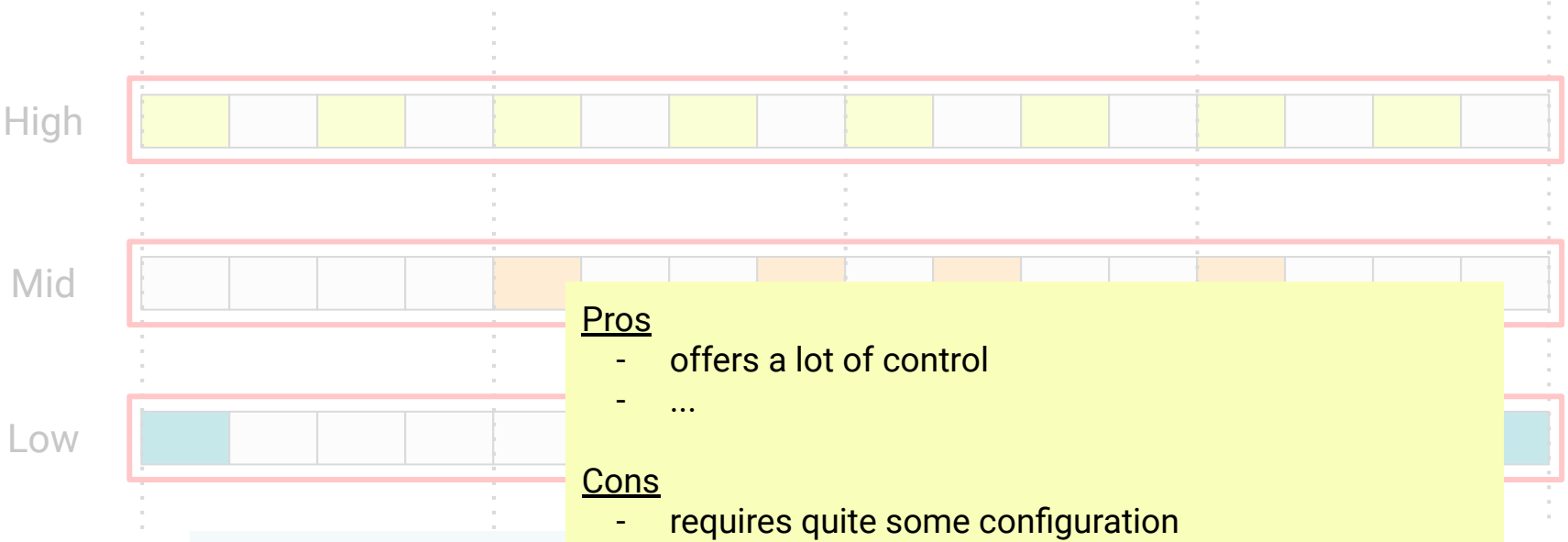
Probability based on position in measure




```
# 1. Generate list per layer.

# 2. Remove / add notes
reviewing the other layers and
predefined dependencies
```

Probability based on position in measure




```
# 1. Generate list

# 2. Remove / add n
reviewing the other layers and
predefined dependencies
```

Pros
- offers a lot of control
- ...

Cons
- requires quite some configuration
- requires complex configurations in case of dependencies between layers
- needs a configuration per time signatures

Rhythm generation strategies

- Probability based on position in measure
- ...

Iemand ideeën?

Rhythm generation strategies

- Probability based on position in measure
- 1st order markov chain
- Euclidean rhythms
- Sets of 2s and 3s as building blocks
- Sequence variations on given configuration sets
- Totally different strategy, none of the above, is that possible?

Rhythm generation strategies

- Probability based on position in measure
- 1st order markov chain
- Euclidean rhythms
- Sets of 2s and 3s as building blocks
- Sequence v
- Totally diff

COMBINATIONS ARE POSSIBLE! For example:

1. divide a measure in sets of 2s and 3s
2. apply probability method to define content of these sets

Rhythm generation strategies

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Rhythm generation strategies

- Probability bas
- 1st order mark
- Euclidean rhyt
- Sets of 2s and
- Sequence variations on given configuration sets
- Totally different strategy, none of the above, is that possible?

For example, utilizing:
- image
- weather

Q: … how to create a relevant / interesting mapping?

Rhythm generation strategies

- Probability based on position in measure
- 1st order markov chain
- Euclidean rhythms
- Sets of 2s and 3s as buil
- Sequence variations on g
- Totally different strategy,

<u>In duo's / trio's</u>

- een korte zoektocht naar een generatie strategie
- (eenvoudige) 3 minuten presentatie opstellen met daarin:
  - uitleg van de strategie
  - voordelen en nadelen op een rij

Te gebruiken: *symbolische/systematische weergave, post-its, animaties, pseudo code*

Verdeling strategieën - in google sheets, zie link op discord.

Blueprint slide

Omschrijving strategie
Het genereren van een ritme a.d.h.v. …. [VUL-/PAS AAN]

Generieke stappen
1. … [VUL-/PAS AAN]
2. …

Voordelen
- … [VUL-/PAS AAN]
- …

Nadelen
- … [VUL-/PAS AAN]
- …