

# 1 (from test-long), Rule penalty: 1, Cantus: low, Key: C

Flags: ①

Voice 1

Harmony: T SII DTIII DVII T

NOTE 1 at 1:1 - C

① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

# 1 (from test-long), Cantus: low, Species: 4, Rule penalty: 695, Key: C

Flags: ⑥

Interval: M7

Harmony: T DVII<sup>6</sup> DTIII SII T

VOICE 2, NOTE 1 at 1:5 - B

① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

② - First harmonic interval (Other)

③ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)

④ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)

⑤ - Max note length (sp4: >4/4). Except last note (Usually >4/4)

⑥ - Harmonic dissonance (first) (First note in counterpoint voice is downbeat)

VOICE 2, NOTE 3 at 3:1 - D

⑦ - Note crosses many measures (>2) (Note crosses more than two measures)

⑧ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)

⑨ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)

⑩ - Anticipation (start >1/2) (Anticipation start should not be longer)

⑪ - Anticipation (end >whole) (Anticipation finish should not be longer)

⑫ - Max note length (sp4: >4/4). Except last note (Usually >4/4)

VOICE 2, NOTE 4 at 4:1 - D

⑬ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)

⑭ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

VOICE 2, NOTE 5 at 5:5 - C

⑮ - Last note (not whole)

# 2 (from test-long), Rule penalty: 1, Cantus: low, Key: C

Flags: ①

Voice 1

Harmony: T DVII T DVII T

**NOTE 1 at 1:1 - C**

① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

**# 2 (from test-long), Cantus: low, Species: 3, Rule penalty: 1167, Key: C**

Flags: ...

Voice 2

Voice 1

Interval: M7

Harmony: T DVII<sup>6</sup> DTIII SII T

**VOICE 2, NOTE 1 at 1:5 - B**

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)
- ② - Rhythm (uneven pause) (Starting pause in first measure does not equal length of next note)
- ③ - First harmonic interval (Other)
- ④ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)
- ⑤ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)
- ⑥ - Max note length (sp3: >1/4). Except last note (Usually >1/4 or >2/4)
- ⑦ - Harmonic dissonance (first) (First note in counterpoint voice is downbeat)

**VOICE 2, NOTE 3 at 3:1 - D**

- ⑧ - Note crosses many measures (>2) (Note crosses more than two measures)
- ⑨ - Slurs within 10 notes (>2). For counterpoint species 1-3
- ⑩ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)
- ⑪ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)
- ⑫ - Anticipation (start >1/2) (Anticipation start should not be longer)
- ⑬ - Anticipation (end >whole) (Anticipation finish should not be longer)
- ⑭ - Max note length (sp3: >1/4). Except last note (Usually >1/4 or >2/4)

**VOICE 2, NOTE 4 at 4:1 - D**

- ⑮ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)
- ⑯ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

**VOICE 2, NOTE 5 at 5:5 - C**

- ⑰ - Last note (not whole)

**# 3 (from test-long), Rule penalty: 1, Cantus: low, Key: C**

Flags: ①

Voice 1

Harmony: T SII DTIII DVII T

**NOTE 1 at 1:1 - C**

① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

# 3 (from test-long), Cantus: low, Species: 5, Rule penalty: 817, Key: C

Flags: ⑤ ⑥ ... ⑬ ⑰

Interval: M7

Harmony: T DVII<sup>6</sup> DTIII SII T

**VOICE 2, NOTE 1 at 1:5 - B**

① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

② - First harmonic interval (Other)

③ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)

④ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)

⑤ - Harmonic dissonance (first) (First note in counterpoint voice is downbeat)

**VOICE 2, NOTE 2 at 2:1 - B**

⑥ - Rhythm (whole inside)

**VOICE 2, NOTE 3 at 3:1 - D**

⑦ - Note crosses many measures (>2) (Note crosses more than two measures)

⑧ - Rhythm (whole inside)

⑨ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)

⑩ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)

⑪ - Anticipation (start >1/2) (Anticipation start should not be longer)

⑫ - Anticipation (end >whole) (Anticipation finish should not be longer)

⑬ - Max note length (sp5: >6/4). Except last note (Usually >6/4)

**VOICE 2, NOTE 4 at 4:1 - D**

⑭ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)

⑮ - Rhythm (whole inside)

⑯ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

**VOICE 2, NOTE 5 at 5:5 - C**

⑰ - Last note (not whole)

# 4 (from test-long), Rule penalty: 1, Cantus: low, Key: C

Flags: ①

Harmony: T SII T SII T

**NOTE 1 at 1:1 - C**

① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

## # 4 (from test-long), Cantus: low, Species: 2, Rule penalty: 1018, Key: C

Flags: ⑥ ⑦ ⑧ ... ⑬ ⑭ ⑮ ⑯ ⑰ ⑱

Interval: T SII m7 SII T

Harmony: T SII DTIII SII T

**VOICE 2, NOTE 1 at 1:5 - C**

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)
- ② - Suspension (not last 3) (Suspension before N last measures {sp2,3})
- ③ - Suspension rhythm (end >3/4) (Suspension finish should not be longer)
- ④ - Max note length (sp2: >4/4). Except last note (Usually >2/4 or >4/4)
- ⑤ - sp2 suspension (not I -> LT pnu.)
- ⑥ - Suspension rhythm (end > start)

**VOICE 2, NOTE 1 at 2:1 - C (slur)**

- ⑦ - Suspension resolution (shift) (Suspension is not resolved at the middle of next measure)

**VOICE 2, NOTE 2 at 3:1 - D**

- ⑧ - Harmonic dissonance (downbeat)

**VOICE 2, NOTE 3 at 3:5 - E**

- ⑨ - Note crosses many measures (>2) (Note crosses more than two measures)
- ⑩ - Slurs within 10 notes (>2). For counterpoint species 1-3
- ⑪ - Multiple harmonies in measure (inside) (In measures before penultimate)
- ⑫ - Suspension rhythm (end >3/4) (Suspension finish should not be longer)
- ⑬ - Max note length (sp2: >4/4). Except last note (Usually >2/4 or >4/4)
- ⑭ - sp2 suspension (not I -> LT pnu.)
- ⑮ - Suspension rhythm (end > start)

**VOICE 2, NOTE 3 at 4:1 - E (slur)**

- ⑯ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)
- ⑰ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

**VOICE 2, NOTE 4 at 5:5 - C**

- ⑱ - Last note (not whole)

## # 5 (from test-long), Rule penalty: 1, Cantus: low, Key: C

Flags: ①

Harmony: T SII DTIII DVII T

**NOTE 1 at 1:1 - C**

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

## # 5 (from test-long), Cantus: low, Species: 3, Rule penalty: 1229, Key: C

Flags: ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱

Interval: m7

Harmony: T SII DTIII SII T

### VOICE 2, NOTE 1 at 1:5 - C

- ① - Range (voice <math>m6</math>) (Range below  $m6$  is acceptable for cantus up to 10 notes)
- ② - Suspension (not last 3) (Suspension before  $N$  last measures { $sp2,3$ })
- ③ - Rhythm (uneven pause) (Starting pause in first measure does not equal length of next note)
- ④ - Suspension rhythm (end  $>3/4$ ) (Suspension finish should not be longer)
- ⑤ - Max note length ( $sp3: >1/4$ ). Except last note (Usually  $>1/4$  or  $>2/4$ )
- ⑥ - Suspension rhythm (end  $>$  start)

### VOICE 2, NOTE 1 at 2:1 - C (slur)

- ⑦ - Suspension resolution (shift) (Suspension is not resolved at the middle of next measure)

### VOICE 2, NOTE 2 at 3:1 - D

- ⑧ - Harmonic dissonance (downbeat)
- ⑨ - Max note length ( $sp3: >1/4$ ). Except last note (Usually  $>1/4$  or  $>2/4$ )

### VOICE 2, NOTE 3 at 3:5 - E

- ⑩ - Note crosses many measures ( $>2$ ) (Note crosses more than two measures)
- ⑪ - Slurs within 10 notes ( $>2$ ). For counterpoint species 1-3
- ⑫ - Multiple harmonies in measure (inside) (In measures before penultimate)
- ⑬ - Suspension rhythm (end  $>3/4$ ) (Suspension finish should not be longer)
- ⑭ - Max note length ( $sp3: >1/4$ ). Except last note (Usually  $>1/4$  or  $>2/4$ )
- ⑮ - Suspension rhythm (end  $>$  start)

### VOICE 2, NOTE 3 at 4:1 - E (slur)

- ⑯ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)
- ⑰ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

### VOICE 2, NOTE 4 at 5:3 - C

- ⑱ - Rhythm ( $1/4$  syncope) ( $1/4$  on beat 2 or 4 is slurred to next note)
- ⑲ - Last note (not whole)

### # 6 (from test-long), Rule penalty: 1, Cantus: low, Key: C

Flags: ①

Harmony: T DVII T DVII T

### NOTE 1 at 1:1 - C

- ① - Range (voice <math>m6</math>) (Range below  $m6$  is acceptable for cantus up to 10 notes)

### # 6 (from test-long), Cantus: low, Species: 5, Rule penalty: 999, Key: C

Flags: ③ ⑤ ⑥ ⑧ ⑬ ⑮ ⑯ ⑰ ⑱

① ② ④ ⑦ ⑨ ⑩ ⑪ ⑫ ⑭ ⑮ ⑯ ⑰ ⑱

Interval: m7 m9

Harmony: T SII DTIII SII T

Rhythm - 7

sus

Voice 2

Voice 1

**VOICE 2, NOTE 1 at 1:5 - C**

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)
- ② - Suspension rhythm (end >3/4) (Suspension finish should not be longer)
- ③ - Suspension rhythm (end > start)

**VOICE 2, NOTE 1 at 2:1 - C (slur)**

- ④ - Rhythm (whole inside)
- ⑤ - Suspension resolution (shift) (Suspension is not resolved at the middle of next measure)

**VOICE 2, NOTE 2 at 3:1 - D**

- ⑥ - Harmonic dissonance (downbeat)
- ⑦ - Harmonic dissonance upbeat (leap)
- ⑧ - Multiple harmonies in measure (inside) (In measures before penultimate)

**VOICE 2, NOTE 4 at 3:5 - E**

- ⑨ - Multiple harmonies in measure (>2) (More than 2 harmonies)
- ⑩ - Note crosses many measures (>2) (Note crosses more than two measures)
- ⑪ - Suspension rhythm (end >3/4) (Suspension finish should not be longer)
- ⑫ - Max note length (sp5: >6/4). Except last note (Usually >6/4)
- ⑬ - Suspension rhythm (end > start)

**VOICE 2, NOTE 4 at 4:1 - E (slur)**

- ⑭ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)
- ⑮ - Rhythm (whole inside)
- ⑯ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

**VOICE 2, NOTE 5 at 5:3 - C**

- ⑰ - Rhythm (1/2. upbeat)
- ⑱ - Rhythm (1/4 syncope) (1/4 on beat 2 or 4 is slurred to next note)
- ⑲ - Last note (not whole)

**# 7 (from test-long), Rule penalty: 1, Cantus: low, Key: C**

Flags: ①

Voice 1

Harmony: T SII DTIII DVII T

**NOTE 1 at 1:1 - C**

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

**# 7 (from test-long), Cantus: low, Species: 2, Rule penalty: 1109, Key: C**

Flags: ... ⑧ ... ⑬ ... ⑰ ... ⑱

Interval:  
Harmony: T SII DTIII **SII** T

### VOICE 2, NOTE 1 at 1:1 - C

- ① - Range (voice < m6) (Range below m6 is acceptable for cantus up to 10 notes)
- ② - Suspension (not last 3) (Suspension before N last measures {sp2,3})
- ③ - Start pause (missing) (No starting pause in counterpoint voice for species 2-5)
- ④ - Suspension rhythm (start > 1/2) (Suspension start should not be longer)
- ⑤ - Suspension rhythm (end > 3/4) (Suspension finish should not be longer)
- ⑥ - Max note length (sp2: > 4/4). Except last note (Usually > 2/4 or > 4/4)
- ⑦ - sp2 suspension (not I -> LT pnu.)

### VOICE 2, NOTE 1 at 2:1 - C (slur)

- ⑧ - Direct leaping movement to Pco (8). Direct movement to interval with leaping motion in higher voice
- ⑨ - Suspension resolution (shift) (Suspension is not resolved at the middle of next measure)

### VOICE 2, NOTE 2 at 3:1 - E

- ⑩ - Note crosses many measures (>2) (Note crosses more than two measures)
- ⑪ - Slurs within 10 notes (>2). For counterpoint species 1-3
- ⑫ - Suspension rhythm (start > 1/2) (Suspension start should not be longer)
- ⑬ - Suspension rhythm (end > 3/4) (Suspension finish should not be longer)
- ⑭ - Max note length (sp2: > 4/4). Except last note (Usually > 2/4 or > 4/4)
- ⑮ - sp2 suspension (not I -> LT pnu.)
- ⑯ - Suspension rhythm (end > start)

### VOICE 2, NOTE 2 at 4:1 - E (slur)

- ⑰ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)
- ⑱ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

### VOICE 2, NOTE 3 at 5:5 - C

- ⑱ - Last note (not whole)

### # 8 (from test-long), Rule penalty: 1, Cantus: low, Key: C

Flags: ①

Harmony: T SII DTIII SII T

### NOTE 1 at 1:1 - C

- ① - Range (voice < m6) (Range below m6 is acceptable for cantus up to 10 notes)

### # 8 (from test-long), Cantus: low, Species: 3, Rule penalty: 1412, Key: C

Flags: ... ⑨ ⑩ ... ⑲ ⑳ ㉑ ㉒

Interval: m7

Harmony: T SII DTIII SII T

### VOICE 2, NOTE 1 at 1:3 - C

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)
- ② - Suspension (not last 3) (Suspension before N last measures {sp2,3})
- ③ - Rhythm (1/4 syncope) (1/4 on beat 2 or 4 is slurred to next note)
- ④ - Rhythm (uneven pause) (Starting pause in first measure does not equal length of next note)
- ⑤ - Suspension rhythm (start >1/2) (Suspension start should not be longer)
- ⑥ - Suspension rhythm (end >3/4) (Suspension finish should not be longer)
- ⑦ - Max note length (sp3: >1/4). Except last note (Usually >1/4 or >2/4)
- ⑧ - Suspension rhythm (end > start)

### VOICE 2, NOTE 1 at 2:1 - C (slur)

- ⑨ - Suspension resolution (shift) (Suspension is not resolved at the middle of next measure)

### VOICE 2, NOTE 2 at 3:1 - D

- ⑩ - Harmonic dissonance (downbeat)

### VOICE 2, NOTE 3 at 3:3 - E

- ⑪ - Note crosses many measures (>2) (Note crosses more than two measures)
- ⑫ - Slurs within 10 notes (>2). For counterpoint species 1-3
- ⑬ - Rhythm (1/4 syncope) (1/4 on beat 2 or 4 is slurred to next note)
- ⑭ - Suspension rhythm (start >1/2) (Suspension start should not be longer)
- ⑮ - Multiple harmonies in measure (inside) (In measures before penultimate)
- ⑯ - Suspension rhythm (end >3/4) (Suspension finish should not be longer)
- ⑰ - Max note length (sp3: >1/4). Except last note (Usually >1/4 or >2/4)
- ⑱ - Suspension rhythm (end > start)

### VOICE 2, NOTE 3 at 4:1 - E (slur)

- ⑲ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)
- ⑳ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

### VOICE 2, NOTE 4 at 5:3 - C

- ㉑ - Rhythm (1/4 syncope) (1/4 on beat 2 or 4 is slurred to next note)
- ㉒ - Last note (not whole)

### # 9 (from test-long), Rule penalty: 1, Cantus: low, Key: C

Flags: ①

Harmony: T DVII T DVII T

### NOTE 1 at 1:1 - C

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

### # 9 (from test-long), Cantus: low, Species: 5, Rule penalty: 1538, Key: C



① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘

Flags: ... Rhythm- 1/2 Rhythm- 1/2 Rhythm- 1/2

Interval: m7

Harmony: T SII DTIII SH T

### VOICE 2, NOTE 1 at 1:3 - C

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)
- ② - Rhythm (1/2. upbeat)
- ③ - Rhythm (1/4 syncope) (1/4 on beat 2 or 4 is slurred to next note)
- ④ - Rhythm (uneven pause) (Starting pause in first measure does not equal length of next note)
- ⑤ - Rhythm (uneven start) (Starting measure contains notes/pauses of different length)
- ⑥ - Suspension rhythm (start >1/2) (Suspension start should not be longer)
- ⑦ - Suspension rhythm (end >3/4) (Suspension finish should not be longer)
- ⑧ - Max note length (sp5: >6/4). Except last note (Usually >6/4)
- ⑨ - Suspension rhythm (end > start)

### VOICE 2, NOTE 1 at 2:1 - C (slur)

- ⑩ - Rhythm (whole inside)
- ⑪ - Suspension rhythm (1/2. + ?)
- ⑫ - Suspension resolution (shift) (Suspension is not resolved at the middle of next measure)

### VOICE 2, NOTE 2 at 3:1 - D

- ⑬ - Harmonic dissonance (downbeat)

### VOICE 2, NOTE 3 at 3:3 - E

- ⑭ - Note crosses many measures (>2) (Note crosses more than two measures)
- ⑮ - Rhythm (1/2. upbeat)
- ⑯ - Rhythm (1/4 syncope) (1/4 on beat 2 or 4 is slurred to next note)
- ⑰ - Suspension rhythm (start >1/2) (Suspension start should not be longer)
- ⑱ - Multiple harmonies in measure (inside) (In measures before penultimate)
- ⑲ - Suspension rhythm (end >3/4) (Suspension finish should not be longer)
- ⑳ - Max note length (sp5: >6/4). Except last note (Usually >6/4)
- ㉑ - Suspension rhythm (end > start)

### VOICE 2, NOTE 3 at 4:1 - E (slur)

- ㉒ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)
- ㉓ - Rhythm (whole inside)
- ㉔ - Suspension rhythm (1/2. + ?)
- ㉕ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

### VOICE 2, NOTE 4 at 5:3 - C

- ㉖ - Rhythm (1/2. upbeat)
- ㉗ - Rhythm (1/4 syncope) (1/4 on beat 2 or 4 is slurred to next note)
- ㉘ - Last note (not whole)

### # 10 (from test-long), Rule penalty: 1, Cantus: low, Key: C

Flags: ①

Harmony: T SII T DVII T

**NOTE 1 at 1:1 - C**

① - Range (voice &lt;m6) (Range below m6 is acceptable for cantus up to 10 notes)

**# 10 (from test-long), Cantus: low, Species: 2, Rule penalty: 956, Key: C**

①                      ⑦  
②                      ⑧  
③                      ⑨  
④                      ⑩  
⑤                      ⑪                      ⑭  
⑥                      ...                      ⑮                      ⑯

**Flags: ⑥**

Voice 2

**Interval:** M7

**Harmony:** T                      DVII<sup>6</sup>                      DTIII                      SII                      T

**VOICE 2, NOTE 1 at 1:5 - B**

① - Range (voice &lt;m6) (Range below m6 is acceptable for cantus up to 10 notes)

② - First harmonic interval (Other)

③ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)

④ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)

⑤ - Max note length (sp2: &gt;4/4). Except last note (Usually &gt;2/4 or &gt;4/4)

⑥ - Harmonic dissonance (first) (First note in counterpoint voice is downbeat)

**VOICE 2, NOTE 3 at 3:1 - D**

⑦ - Note crosses many measures (&gt;2) (Note crosses more than two measures)

⑧ - Slurs within 10 notes (&gt;2). For counterpoint species 1-3

⑨ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)

⑩ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)

⑪ - Anticipation (start &gt;1/2) (Anticipation start should not be longer)

⑫ - Anticipation (end &gt;whole) (Anticipation finish should not be longer)

⑬ - Max note length (sp2: &gt;4/4). Except last note (Usually &gt;2/4 or &gt;4/4)

**VOICE 2, NOTE 4 at 4:1 - D**

⑭ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)

⑮ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

**VOICE 2, NOTE 5 at 5:5 - C**

⑯ - Last note (not whole)

**# 11 (from test-long), Rule penalty: 1, Cantus: low, Key: C****Flags:** ①

Voice 1

**Harmony:** T                      DVII                      DTIII                      SII                      T

**NOTE 1 at 1:1 - C**

① - Range (voice &lt;m6) (Range below m6 is acceptable for cantus up to 10 notes)

**# 11 (from test-long), Cantus: low, Species: 3, Rule penalty: 1320, Key: C**

Flags: ...

Interval: M7 M7

Harmony: T DVII<sup>6</sup> DTIII SII T

### VOICE 2, NOTE 1 at 1:5 - B

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)
- ② - Rhythm (uneven pause) (Starting pause in first measure does not equal length of next note)
- ③ - First harmonic interval (Other)
- ④ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)
- ⑤ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)
- ⑥ - Max note length (sp3: >1/4). Except last note (Usually >1/4 or >2/4)
- ⑦ - Harmonic dissonance (first) (First note in counterpoint voice is downbeat)

### VOICE 2, NOTE 3 at 3:1 - D

- ⑧ - Note crosses many measures (>2) (Note crosses more than two measures)
- ⑨ - Slurs within 10 notes (>2). For counterpoint species 1-3
- ⑩ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)
- ⑪ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)
- ⑫ - Anticipation (start >1/2) (Anticipation start should not be longer)
- ⑬ - Anticipation (end >whole) (Anticipation finish should not be longer)
- ⑭ - Max note length (sp3: >1/4). Except last note (Usually >1/4 or >2/4)

### VOICE 2, NOTE 4 at 4:1 - D

- ⑮ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)
- ⑯ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

### VOICE 2, NOTE 5 at 5:5 - B

- ⑰ - Harmonic dissonance upbeat (leap)
- ⑱ - Multiple harmonies in measure (inside) (In measures before penultimate)

### VOICE 2, NOTE 6 at 5:7 - C

- ⑲ - Last note (1/4)
- ⑳ - Last note (not whole)

### # 12 (from test-long), Rule penalty: 1, Cantus: low, Key: C

Flags: ①

Harmony: T SII T SII T

### NOTE 1 at 1:1 - C

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

### # 12 (from test-long), Cantus: low, Species: 5, Rule penalty: 970, Key: C

Flags: ⑤ ⑥ ... ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳

Interval: M7 M7

Harmony: T DVII<sup>6</sup> DTIII SII T

**VOICE 2, NOTE 1 at 1:5 - B**

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)
- ② - First harmonic interval (Other)
- ③ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)
- ④ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)
- ⑤ - Harmonic dissonance (first) (First note in counterpoint voice is downbeat)

**VOICE 2, NOTE 2 at 2:1 - B**

- ⑥ - Rhythm (whole inside)

**VOICE 2, NOTE 3 at 3:1 - D**

- ⑦ - Note crosses many measures (>2) (Note crosses more than two measures)
- ⑧ - Rhythm (whole inside)
- ⑨ - Anticipation (any) (Prohibit this rule to prevent detection of any anticipation. By default allows stepwise anticipation in cadence with next note longer and previous note longer or equal)
- ⑩ - Anticipation (inside) (Anticipation inside counterpoint - not in cadence)
- ⑪ - Anticipation (start >1/2) (Anticipation start should not be longer)
- ⑫ - Anticipation (end >whole) (Anticipation finish should not be longer)
- ⑬ - Max note length (sp5: >6/4). Except last note (Usually >6/4)

**VOICE 2, NOTE 4 at 4:1 - D**

- ⑭ - Penultimate measure (no leading tone) (no leading tone is allowed if last bass notes are V-I)
- ⑮ - Rhythm (whole inside)
- ⑯ - Penultimate measure (not D/DVII) (Penultimate harmony is not D / DVII)

**VOICE 2, NOTE 5 at 5:5 - B**

- ⑰ - Harmonic dissonance upbeat (leap)
- ⑱ - Multiple harmonies in measure (inside) (In measures before penultimate)

**VOICE 2, NOTE 6 at 5:7 - C**

- ⑲ - Last note (1/4)
- ⑳ - Last note (not whole)

**# 13 (from test-long), Rule penalty: 1, Cantus: low, Key: C**

Flags: ①

Harmony: T SII DTIII SII T

**NOTE 1 at 1:1 - C**

- ① - Range (voice <m6) (Range below m6 is acceptable for cantus up to 10 notes)

**# 13 (from test-long), Cantus: low, Species: 5, Rule penalty: 460, Key: C**

②  
③  
④  
⑥  
⑧  
⑨  
⑩

**Flags:** ① ⑤ ⑦

*Anapaest - 1*    *Anapaest - 1*

Interval: T    M9    m7    4

Harmony: T    SII    DTIII    DVII<sup>6</sup>    T

**VOICE 2, NOTE 1 at 1:3 - C**

① - Suspension (each 3 meas.) (At least one suspension is needed each X measures {sp5})

**VOICE 2, NOTE 2 at 1:5 - D**

② - Harmonic dissonance upbeat (leap)

③ - 1/2 after 1/4 or 1/8 in measure (inside)

④ - Rhythm (uneven start) (Starting measure contains notes/pauses of different length)

⑤ - Multiple harmonies in measure (inside) (In measures before penultimate)

**VOICE 2, NOTE 5 at 2:5 - C**

⑥ - Harmonic dissonance (&lt; longer) (Dissonance is longer than previous consonance)

⑦ - 1/2 after 1/4 or 1/8 in measure (inside)

**VOICE 2, NOTE 7 at 3:3 - A**

⑧ - Harmonic dissonance (&lt; longer) (Dissonance is longer than previous consonance)

⑨ - Rhythm (1/4 syncope) (1/4 on beat 2 or 4 is slurred to next note)

⑩ - Harmonic dissonance (longer &gt;) (Dissonance is longer than next consonance)

**Legend:**

② Voice number (2) is shown before note

4:3 For each note bar number (4) and croche beat (3) is shown

⑦ This note violates minor rule (green). If underlined, means that violation is shown in the score with shape of same color

⑧ This note violates major rule (red). If underlined, means that violation is shown in the score with shape of same color

⊙ This note was corrected

⊗ This note is a dissonance

◆ This note is considered passing or auxiliary