## Appendix: Table of Preparations of Proportional Changes in OH

[6.1] This table documents the proportional changes of $O H$ and their preparations. Because proportional changes are so frequent in this manuscript, and because many constitute only fleeting syncopations, some proportional changes are excluded from the following table, namely those that 1 ) span less than a breve and 2) constitute only a basic sesquialtera (3:2) proportion between minims where the durations of all other notes stay the same. I follow the numbering of each composition and the measure numbers of Hughes and Bent 1969. Each type of preparation is defined as follows:

P1: A proportional change is prefaced by a shared time unit in the same voice as the change.
P2: A proportional change is prefaced by a shared time unit in a voice that is different from the one in which the change occurs.

I distinguish between preparations that are in the same voice or a different voice because they entail a different experience for a performer or scribe. Many of the compositions in OH (and importantly the most complex items) are copied in parts. A preparation that occurs in the same voice is thus seen, performed, and heard, whereas a preparation that occurs in another voice is heard, but not seen.
[6.2] In addition to these two basic types of preparation, proportional changes are supported by further compositional parameters that allow them to become established more easily. The two basic methods of establishing a proportion that I identify occur when:

E1: A proportional change is accompanied by held notes or commensurate rhythms in another voice.
E 2 : A proportional change is aligned with a cadence.

I choose to focus only on cadences, since they are among the strongest contrapuntal markers of structure and provide an unmistakable point of orientation for any performer who wishes to switch to a new proportion (DeFord 2015, 101).
[6.3] In order to retain strict criteria for preparation to be in place, I only counted preparations that took place in the breve unit immediately preceding the proportional change. While this excluded certain compositional gestures that would be included in Krebs's model, the overall picture is that preparation is very common, occurring in $95 \%$ of the proportional changes documented in the table below. Only a handful of compositions (5 in total) feature proportional changes that are not prepared at all. Most proportional changes ( $75 \%$ ) feature preparations of multiple kinds.

|  | No. | Fol. | Voice | Title | Composer | Mm. | Proportion | Level | Notation | P1 | P2 | E1 | E2 | I | None |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 17 | 13 v | Tr | Gloria | Bytteryng | 74-5 | 3:4 | SB | $\mathrm{C}=>\stackrel{9}{.6}$ |  |  | x | X |  |  |
| 2 |  |  |  |  |  | 80-1 | 3:2 | SB | . ${ }_{6} .=>\mathrm{red}$ | x |  | x |  | x |  |
| 3 |  |  |  |  |  | 82-3 | 8:9 | SB | Red $=>$ C | x |  | x | x |  |  |
| 4 | 20 | 15 v | Tr | Gloria | Excetre | 68 | 2:1 | B | $\mathrm{O}=>$ red void | x |  | x |  |  |  |
| 5 |  |  |  |  |  | 69 | 3:4 | B | $\begin{aligned} & \text { red } \\ & \text { void=>black/ } \\ & \text { red } \end{aligned}$ |  | x |  |  |  |  |
| 6 |  |  |  |  |  | $\begin{aligned} & \hline 69- \\ & 70 \end{aligned}$ | 4:3 | B | $\text { Red }=>\text { red }$ <br> void |  |  |  |  |  | x |
| 7 |  |  |  |  |  | 70 | 3:4 | B | ```red void=>black/ red``` |  | x |  |  |  |  |


| 8 |  |  |  |  |  | 71 | 4:3 | B | red $\begin{aligned} & \text { void=>black/ } \\ & \text { red } \end{aligned}$ |  |  |  |  |  | x |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 |  |  |  |  |  | 71-2 | 1:2 | B | Red void $=>$ O | x |  | x | x |  |  |
| 10 | 22 | 17 v | Tr | Gloria | Power | 2-3 | 3:2 | SB | $\mathrm{O}=>$ red | x |  |  |  |  |  |
| 11 |  |  |  |  |  | 3-4 | 2:3 | SB | Red $=>0$ | x | x | x |  |  |  |
| 12 |  |  |  |  |  | $\begin{aligned} & 17- \\ & 18 \end{aligned}$ | 2:1 | B | O => void/ ${ }^{\text {d }}$ | x |  | x |  |  |  |
| 13 |  |  |  |  |  | 19 | 3:2 | B | $\supset=>$ red void |  |  |  |  | x |  |
| 14 |  |  |  |  |  | 21 | 1:3 | B | red void $=>0$ | x |  | x |  |  |  |
| 15 |  |  |  |  |  | 47-8 | 3:2 | SB | $\mathrm{C}=>$ red |  |  |  |  |  | x |
| 16 |  |  |  |  |  | 50-1 | 3:2 | SB | Red $=>$ blue | x |  | x | x | x |  |
| 17 |  |  |  |  |  | 53-4 | 4:9 | SB | Blue $=>$ C | x |  | x | x |  |  |
| 18 |  |  |  |  |  | 65-6 | 3:4 | SB | $\mathrm{C}=>$.6. red | x |  | x | x |  |  |
| 19 |  |  |  |  |  | 68 | 3:1 | SB | ${ }^{\text {. } 6 . ~} \mathrm{red}=>$ blue |  |  |  |  | x |  |
| 20 |  |  |  |  |  | 68-9 | 1:2 | SB | Blue $=>0$ red |  |  |  |  | x |  |
| 21 |  |  |  |  |  | $\begin{aligned} & \hline 69- \\ & 70 \end{aligned}$ | 8:9 | SB | O red $=>$ C | x | X | X | x |  |  |
| 22 |  | 18 r |  |  |  | 53 | 3:2 | SB | $\mathrm{C}=>$ red |  | x | x |  |  |  |
| 23 |  |  | and T |  |  | 54 | 2:3 | SB | Red $=>$ C |  |  | x | x |  |  |


| 24 |  |  | T |  |  | 89 | 2:1 | B | Red $=>$ void |  | x | x |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25 | 25 | 20 v | Tr | Gloria | Power | $\begin{aligned} & 98- \\ & 100 \end{aligned}$ | 2:1 | SB | ¢ $=>$ ) | x |  |  | x |  |
| 26 |  |  |  |  |  | $\begin{aligned} & 102- \\ & 3 \end{aligned}$ | 1:2 | SB | כ => | x |  |  |  |  |
| 27 | 29 | 24 v | Tr | Gloria | Rowlard | 67-8 | 2:1 | SB | ¢ = ${ }^{\text {l }}$ | x |  |  | x |  |
| 28 | 37 | 31v | Tr | Gloria | Damett | 52-3 | 3:2 | SB | C => red | x |  | x |  |  |
| 29 |  |  |  |  |  | 54-5 | 2:3 | SB | Red $=>$ C | x | x | x | x |  |
| 30 |  |  |  |  |  | 74-5 | 3:2 | B | C $=>$ red void |  |  |  |  | x |
| 31 |  |  |  |  |  | 75-6 | 2:3 | B | red void $=>$ red | x |  | x |  |  |
| 32 |  |  |  |  |  | 76-7 | 2:3 | SB | Red $=>$ C |  |  | x | x |  |
| 33 | 39 | 33 v | Tr | Gloria | Damett | $\begin{aligned} & 168- \\ & 9 \end{aligned}$ | 4:3 | B | $\mathrm{O}=>$ ) |  |  | x | x |  |
| 34 |  |  |  |  |  | $\begin{aligned} & 170- \\ & 1 \end{aligned}$ | 3:2 | SB | O = > red | x |  | x | x |  |
| 35 |  |  |  |  |  | $\begin{aligned} & 176- \\ & 7 \end{aligned}$ | 2:3 | SB | Red $=>$ ) | x | x | x | x |  |
| 36 |  |  |  |  |  | $\begin{aligned} & 177- \\ & 8 \end{aligned}$ | 1:2 | SB | $כ=>6$ | x |  | x | x |  |
| 37 |  |  |  |  |  | 180 | 3:2 | SB | C = > red |  |  | x |  |  |


| 38 |  |  |  |  |  | $\begin{aligned} & 181- \\ & 2 \end{aligned}$ | 2:3 | SB | Red $=>$ ¢ |  |  | x | x |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 39 | 72 | 60 v | Tr | Credo | Damett | $\begin{aligned} & 12- \\ & 13 \end{aligned}$ | 2:1 | B | $\mathrm{O}=>$ void | x |  | x | x |  |  |
| 40 |  |  |  |  |  | $\begin{aligned} & 13- \\ & 14 \end{aligned}$ | 1:2 | B | Void $=>0$ | x |  | x |  |  |  |
| 41 |  |  |  |  |  | 41-2 | 3:2 | SB | $\mathrm{C}=>$ red | x |  |  | x |  |  |
| 42 |  |  |  |  |  | 43-4 | 2:3 | SB | Red $=>$ C | x | x | X |  |  |  |
| 43 |  |  |  |  |  | 57-8 | 3:2 | B | C $=>$ red void |  | x | x |  |  |  |
| 44 |  |  |  |  |  | 58-9 | 1:2 | B | $\begin{aligned} & \text { Red void }=>0 \\ & \text { red } \end{aligned}$ | x |  |  |  | x |  |
| 45 |  |  |  |  |  | 62-3 | 4:3 | SB | $\bigcirc$ red $=>$ C | x |  | x | x |  |  |
| 46 |  |  |  |  |  | 57-8 | 2:3 | SB | Red $=>$ C | x | x | x |  |  |  |
| 47 |  |  |  |  |  | 71-2 | 3:2 | B | $\mathrm{C}=>$ red void | x |  | x | x |  |  |
| 48 |  |  |  |  |  | 72-3 | 2:3 | B | Red void => C |  |  | x |  |  |  |
| 49 | 73 | 61v | Tr | Credo | Power | 9-10 | 3:1 | SB | ¢ $=>$ 〕 red | x | x | x |  |  |  |
| 50 |  |  |  |  |  | 11 | 1:3 | SB | つ red $=>$ ¢ | x | x | x | x |  |  |
| 51 | 75 | 62 v | Tr1 | Credo | Anon. | 61-6 | 3:1 | SB | C $=>$ O blue | x | x | x | x |  |  |
| 52 |  |  |  |  |  | 79 | 4:3 | B | $\text { blue }=>\text { כ }$ <br> blue |  |  | x |  |  |  |



| 65 |  |  |  |  | 78 | 3:4 | SB | $\text { כ blue }=>0$ <br> blue | x | x | x |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 66 |  |  |  |  | 81-2 | 1:3 | SB | O blue $=>$ red | x | x | x |  |  |
| 67 |  |  |  |  | $\begin{aligned} & 100- \\ & 1 \end{aligned}$ | 3:1 | B | $\text { Red }=>\text { C red }$ <br> void | x | x | x |  |  |
| 68 |  |  |  |  | $\begin{aligned} & 101- \\ & 2 \end{aligned}$ | 1:3 | B | - Red void => red | x | x | x |  |  |
| 69 | 63 r | Ct |  |  | 38-9 | 2:3 | SB | $\begin{aligned} & \bigodot \text { Red }=>\odot \\ & \text { blue } \end{aligned}$ |  |  |  |  | x |
| 70 |  |  |  |  | 41-2 | 3:2 | SB | $\bigcirc$ blue $=>$ ¢ |  | x | x |  |  |
| 71 |  |  |  |  | 76-7 | 3:4 | SB | $C=>$ red |  | x | x | x |  |
| 72 |  |  |  |  | $\begin{aligned} & 79- \\ & 80 \end{aligned}$ | 4:3 | SB | Red $=>$ C | x |  |  |  |  |
| 73 |  |  |  |  | 81-2 | 3:4 | SB | $C=>$ red |  | x | x |  |  |
| 74 |  |  |  |  | 83-4 | 3:2 | SB | Red $=>$ C |  |  |  | x |  |
| 75 |  |  |  |  | 84-5 | 2:3 | SB | C => red |  | x | x |  |  |
| 76 |  |  |  |  | 85-6 | 3:2 | SB | Red $=>$ black |  |  | x |  |  |
| 77 |  |  |  |  | $\begin{aligned} & 102- \\ & 3 \end{aligned}$ | 2:3 | SB | $\mathbb{C}_{\text {red }}=>0$ <br> black | x | x |  |  |  |
| 78 |  |  |  |  | $\begin{aligned} & 106- \\ & 7 \end{aligned}$ | 3:2 | SB | O black $=>$ red |  | x | x |  |  |


| 79 |  |  |  |  |  | $\begin{aligned} & 108- \\ & 11 \end{aligned}$ | 2:3 | SB | Red $=>$ ¢ | x | x | x |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80 |  |  |  |  |  | $\begin{aligned} & 112- \\ & 13 \end{aligned}$ | 3:2 | SB | ¢ => red |  |  | x |  |  |  |
| 81 |  |  |  |  |  | $\begin{aligned} & 113- \\ & 14 \end{aligned}$ | 2:3 | SB | Red $=>$ ¢ |  | x | x |  |  |  |
| 82 | 76 |  |  | Credo | Pycard | 65-6 | 2:1 | SB | C = ${ }^{\text {O }}$ | x |  | x | x |  |  |
| 83 |  | 64 v |  |  |  | 87-8 | 2:1 | SB | C = ${ }^{\text {) }}$ | x |  | x | x |  |  |
| 84 |  |  | $\mathrm{Ct}, \mathrm{T}$ |  |  |  | 1:2 | SB | つ => ¢ | x | x | x |  |  |  |
| 85 | 81 | 68v | Tr | Credo | Leonel | 21 | 4:3 | SB | $\mathrm{O}=>$ ) |  |  | x |  |  |  |
| 86 |  |  |  |  |  | 24 | 3:2 | SB | $\bigcirc=>$ red | x | x | x |  |  |  |
| 87 |  |  |  |  |  | 25-6 | 1:2 | SB | Red $=>0$ | x | x | x | x | x |  |
| 88 |  |  |  |  |  | 48-9 | 3:4 | SB | C => .6. red | x |  |  | x |  |  |
| 89 |  |  |  |  |  | $\begin{aligned} & \hline 49- \\ & 50 \end{aligned}$ | 3:1 | B | $\begin{aligned} & \text {.0. red }=>\text { C red }_{\text {red }} \\ & \text { void } \end{aligned}$ | x |  | x |  |  |  |
| 90 |  |  |  |  |  | 52-3 | 2:3 | B | $\begin{aligned} & \boldsymbol{C}_{\text {red }} \text { void }=> \\ & \boldsymbol{C} \end{aligned}$ | x | x | x |  |  |  |
| 91 |  |  |  |  |  | 67 | 3:2 | SB | C $=>$ red | x |  |  |  |  |  |
| 92 |  |  |  |  |  | 67-8 | 2:3 | SB | Red $=>$ C |  | x | x | x |  |  |
| 93 |  |  |  |  |  | 71-2 | 3:4 | SB | C => . $6 . \mathrm{red}$ |  |  | x | x |  |  |
| 94 |  |  |  |  |  | 74-5 | 4:3 | SB | .6. $=>\mathrm{C}$ |  |  | x | x |  |  |


| 95 |  |  |  |  |  | 121 | 3:4 | SB | $\mathrm{C}=>$. $6 . \mathrm{red}$ | x |  | x | x |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 96 |  |  |  |  |  | $\begin{aligned} & 123- \\ & 4 \end{aligned}$ | 4:3 | SB | .6. $=>$ C |  | x | x | x |  |
| 97 |  |  | Ct, T |  |  | 44-5 | 2:3 | $\begin{aligned} & \hline \text { B/ } \\ & \mathrm{Mx} \end{aligned}$ | C Red $=>$ C |  |  | x | x |  |
| 98 | 83 | 70 v | Tr | Credo | Lyonel | 47 | 3:2 | SB | $\mathrm{C}=>{ }_{3}^{0} \mathrm{red}$ | x |  | x | x |  |
| 99 |  |  |  |  |  | 48 | 3:2 | B | $\begin{aligned} & 0 \\ & \begin{array}{l} 0 \\ \text { red }=>\text { void } \\ \text { red } \end{array} \end{aligned}$ | x |  |  |  |  |
| 100 |  |  |  |  |  | 48-9 | 2:3 | B | $\begin{aligned} & \text { Void red }=>{ }_{3}^{0} \\ & \text { red } \end{aligned}$ |  |  |  |  |  |
| 101 |  |  |  |  |  | 49 | 2:3 | SB | ${ }_{3}^{0}$ red $=>$ C | X | x | X |  |  |
| 102 |  |  |  |  |  | 57-8 | 3:4 | SB | C $=>$. $6 . \mathrm{red}$ |  |  | X | x |  |
| 103 |  |  |  |  |  | $\begin{aligned} & 59- \\ & 60 \end{aligned}$ | 4:3 | SB | ${ }^{\text {. }}$. $\mathrm{red}=>\mathrm{C}$ |  |  | x | x |  |
| 104 |  |  |  |  |  | 73-4 | 3:4 | SB | C $=>$. 0 . red | X |  | X | x |  |
| 105 |  |  |  |  |  | 75-6 | 4:3 | SB | ${ }^{\text {. } 6 . ~} \mathrm{red}=>\mathrm{C}$ |  | x | X | X |  |
| 106 | 92 | 78v | Tr | Credo | Cooke | $\begin{aligned} & 17- \\ & 18 \end{aligned}$ | 4:3 | SB | $\mathrm{O}=\gg$ | x |  |  | x |  |
| 107 |  |  |  |  |  | $\begin{aligned} & 18- \\ & 19 \end{aligned}$ | 3:2 | B/SB | כ => red | x | x |  | x |  |
| 108 |  |  |  |  |  | 22-3 | 1:2 | SB | $\bigcirc \mathrm{red}=>0$ | x | x | x | x |  |


| 109 |  |  |  |  |  | 55-6 | 3:2 | SB | C => O black | x |  |  | x |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 110 |  |  |  |  |  | 61-1 | 2:3 | SB | O black $=>$ C |  | x | x | x |  |  |
| 111 |  |  |  |  |  | 87-8 | 3:2 | SB | C $=>$ O black | x |  | x | x |  |  |
| 112 |  |  |  |  |  | 93-4 | 2:3 | SB | O black $=>$ C |  | x | x |  |  |  |
| 113 |  |  |  |  |  | $\begin{aligned} & 116- \\ & 7 \end{aligned}$ | 4:3 | SB | $0=\gg$ | x |  |  |  |  |  |
| 114 |  |  |  |  |  | $\begin{aligned} & 118- \\ & 19 \end{aligned}$ | 3:4 | SB | O red $=>0$ |  | x | x | x |  |  |
| 115 | 93 | 79v | Tr | Credo | Damett | $\begin{aligned} & 158- \\ & 9 \end{aligned}$ | 3:2 | SB | C = ${ }^{\text {P }}$ - red | x |  | x |  |  |  |
| 116 |  |  |  |  |  | $\begin{aligned} & 151- \\ & 2 \end{aligned}$ | 2:3 | SB | $\bigcirc$ red $=>$ ¢ | x |  | x | x |  |  |
|  |  |  |  |  |  |  |  |  | Total: | 71 | 47 | 87 | 51 | 7 | 6 |
|  |  |  |  |  |  |  |  |  | Percentage: | 61 | 41 | 75 | 44 | 6 | 5 |

