

# Ó, Ó, Menino, Ó

Music21

Original

All Euclidean 0.25

All Euclidean 0.5

All Euclidean 0.75

Original

All Cosine 0.25

All Cosine 0.5

All Cosine 0.75

The image displays a musical score for the piece 'Ó, Ó, Menino, Ó'. It consists of two systems of staves, each containing four staves. The first system shows the 'Original' melody and three variations generated using the 'All Euclidean' algorithm with parameters 0.25, 0.5, and 0.75. The second system shows the 'Original' melody and three variations generated using the 'All Cosine' algorithm with parameters 0.25, 0.5, and 0.75. All staves are in 3/2 time and use a treble clef. The original melody is composed of eighth and quarter notes, with some rests. The generated versions show varying degrees of similarity to the original, with the 0.75 parameter versions being closer to the original than the 0.25 versions.



15

Original

All Euclidean 0.25

All Euclidean 0.5

All Euclidean 0.75

Original

All Cosine 0.25

All Cosine 0.5

All Cosine 0.75

The image displays a musical score with two systems of staves. Each system contains seven staves. The first staff in each system is labeled 'Original' and shows a melody in G major (one sharp) with a common time signature. The melody consists of six measures. The subsequent six staves in each system show reconstructions of the original melody using different methods and parameters. The first system uses 'All Euclidean' with parameters 0.25, 0.5, and 0.75. The second system uses 'All Cosine' with parameters 0.25, 0.5, and 0.75. The notation includes various note values (quarter, eighth, and sixteenth notes), rests, and accidentals (sharps and naturals). The 'Original' staff starts with a whole note G, followed by a quarter note A, an eighth note B, and a quarter note A. The second measure has a quarter note B, an eighth note C, and a quarter note B. The third measure has a quarter note C, an eighth note D, and a quarter note C. The fourth measure has a quarter note D, an eighth note E, and a quarter note D. The fifth measure has a quarter note E, an eighth note F#, and a quarter note E. The sixth measure has a quarter note F#, an eighth note G, and a quarter note F#.

21

Original

All Euclidean 0.25

All Euclidean 0.5

All Euclidean 0.75

Original

All Cosine 0.25

All Cosine 0.5

All Cosine 0.75

The image displays a musical score with two systems of staves. Each system contains seven staves. The first staff in each system is the 'Original' melody. The subsequent staves show reconstructions using different methods and similarity levels. The first system uses the 'All Euclidean' method with similarity levels of 0.25, 0.5, and 0.75. The second system uses the 'All Cosine' method with the same similarity levels. The notation is in treble clef with a key signature of one sharp (F#). The original melody consists of six measures. The reconstructions show how the Euclidean and Cosine methods approximate the original melody as the similarity level increases from 0.25 to 0.75.

27

Original

All Euclidean 0.25

All Euclidean 0.5

All Euclidean 0.75

Original

All Cosine 0.25

All Cosine 0.5

All Cosine 0.75

The image displays a musical score with eight staves, each representing a different version of a melody. The staves are grouped into two sets of four. The first set of four staves is labeled 'Original', 'All Euclidean 0.25', 'All Euclidean 0.5', and 'All Euclidean 0.75'. The second set of four staves is labeled 'Original', 'All Cosine 0.25', 'All Cosine 0.5', and 'All Cosine 0.75'. Each staff begins with a treble clef and a key signature of one sharp (F#). The melody is written in 4/4 time. The 'Original' staff shows a sequence of notes: G4, A4, B4, C#5, D5, E5, F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8, D8, E8, F#8, G8, A8, B8, C9, D9, E9, F#9, G9, A9, B9, C10, D10, E10, F#10, G10, A10, B10, C11, D11, E11, F#11, G11, A11, B11, C12, D12, E12, F#12, G12, A12, B12, C13, D13, E13, F#13, G13, A13, B13, C14, D14, E14, F#14, G14, A14, B14, C15, D15, E15, F#15, G15, A15, B15, C16, D16, E16, F#16, G16, A16, B16, C17, D17, E17, F#17, G17, A17, B17, C18, D18, E18, F#18, G18, A18, B18, C19, D19, E19, F#19, G19, A19, B19, C20, D20, E20, F#20, G20, A20, B20, C21, D21, E21, F#21, G21, A21, B21, C22, D22, E22, F#22, G22, A22, B22, C23, D23, E23, F#23, G23, A23, B23, C24, D24, E24, F#24, G24, A24, B24, C25, D25, E25, F#25, G25, A25, B25, C26, D26, E26, F#26, G26, A26, B26, C27, D27, E27, F#27, G27, A27, B27, C28, D28, E28, F#28, G28, A28, B28, C29, D29, E29, F#29, G29, A29, B29, C30, D30, E30, F#30, G30, A30, B30, C31, D31, E31, F#31, G31, A31, B31, C32, D32, E32, F#32, G32, A32, B32, C33, D33, E33, F#33, G33, A33, B33, C34, D34, E34, F#34, G34, A34, B34, C35, D35, E35, F#35, G35, A35, B35, C36, D36, E36, F#36, G36, A36, B36, C37, D37, E37, F#37, G37, A37, B37, C38, D38, E38, F#38, G38, A38, B38, C39, D39, E39, F#39, G39, A39, B39, C40, D40, E40, F#40, G40, A40, B40, C41, D41, E41, F#41, G41, A41, B41, C42, D42, E42, F#42, G42, A42, B42, C43, D43, E43, F#43, G43, A43, B43, C44, D44, E44, F#44, G44, A44, B44, C45, D45, E45, F#45, G45, A45, B45, C46, D46, E46, F#46, G46, A46, B46, C47, D47, E47, F#47, G47, A47, B47, C48, D48, E48, F#48, G48, A48, B48, C49, D49, E49, F#49, G49, A49, B49, C50, D50, E50, F#50, G50, A50, B50, C51, D51, E51, F#51, G51, A51, B51, C52, D52, E52, F#52, G52, A52, B52, C53, D53, E53, F#53, G53, A53, B53, C54, D54, E54, F#54, G54, A54, B54, C55, D55, E55, F#55, G55, A55, B55, C56, D56, E56, F#56, G56, A56, B56, C57, D57, E57, F#57, G57, A57, B57, C58, D58, E58, F#58, G58, A58, B58, C59, D59, E59, F#59, G59, 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