

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 song 'Ó, Ó, Menino Ó' in 4/4 time. It consists of two systems of staves. The first system includes the original melody and three generated versions using the 'All Euclidean' algorithm with parameters 0.25, 0.5, and 0.75. The second system includes the original melody and three generated versions using the 'All Cosine' algorithm with parameters 0.25, 0.5, and 0.75. The original melody is written in treble clef with a key signature of one sharp (F#). The generated versions show varying degrees of rhythmic and melodic similarity to the original, with the 0.75 versions being the most similar.

7

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, organized into two groups of four. Each group begins with an 'Original' staff, followed by three reconstructed versions using different methods and parameters. The first group uses the 'All Euclidean' method with parameters 0.25, 0.5, and 0.75. The second group uses the 'All Cosine' method with the same parameters. The 'Original' staff in each group shows a melody in G major (one sharp) with a sequence of eighth and quarter notes. The reconstructed staves show how the Euclidean and Cosine methods approximate this melody. The Euclidean method (0.25) uses many rests and eighth notes, while the Cosine method (0.25) uses more quarter notes. As the parameter increases to 0.75, the reconstructions become more similar to the original melody. The 'All' prefix likely indicates that all notes in the original are being reconstructed.

14

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 a 'Original' staff and three reconstructed staves labeled 'All Euclidean 0.25', 'All Euclidean 0.5', and 'All Euclidean 0.75' in the first system, and 'All Cosine 0.25', 'All Cosine 0.5', and 'All Cosine 0.75' in the second system. The original melody is in G major (one sharp) and 4/4 time. It consists of six measures: Measure 1: G4 (quarter), A4 (quarter), B4 (quarter), A4-G4 (beamed eighth notes), F#4 (half). Measure 2: Rest. Measure 3: G4 (quarter), A4 (quarter), B4 (quarter), A4-G4 (beamed eighth notes), F#4 (half). Measure 4: G4 (quarter), A4 (quarter), B4 (quarter), A4-G4 (beamed eighth notes), F#4 (half). Measure 5: G4 (quarter), A4 (quarter), B4 (quarter), A4-G4 (beamed eighth notes), F#4 (half). Measure 6: G4 (quarter), A4 (quarter), B4 (quarter), A4-G4 (beamed eighth notes), F#4 (half). The reconstructed staves show how the melody is approximated using different algorithms and parameters. The 'All Euclidean' and 'All Cosine' staves show varying degrees of approximation, with 0.75 being closer to the original than 0.25.

20

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 algorithms and parameters. The first system uses the 'All Euclidean' algorithm with parameters 0.25, 0.5, and 0.75. The second system uses the 'All Cosine' algorithm with parameters 0.25, 0.5, and 0.75. The notation is in treble clef with a key signature of one sharp (F#). The original melody consists of six measures. The reconstructions attempt to approximate the original melody using the specified algorithms and parameters. The 'All Euclidean' reconstructions show varying degrees of approximation, with 0.75 being closer to the original than 0.25. The 'All Cosine' reconstructions also show varying degrees of approximation, with 0.75 being closer to the original than 0.25.

26

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 a melody, comparing the original with its reconstructions using two different algorithms: Euclidean and Cosine. The score is organized into two main sections, each containing four staves. The first section shows the original melody and its reconstructions using the Euclidean algorithm at parameters 0.25, 0.5, and 0.75. The second section shows the original melody and its reconstructions using the Cosine algorithm at the same parameters. The original melody is a sequence of notes: G4, A4, B4, C5, 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, A59, B59, C60, D60, E60, F#60, G60, A60, B60, C61, D61, E61, F#61, G61, A61, B61, C62, D62, E62, F#62, G62, A62, B62, C63, D63, E63, F#63, G63, A63, B63, C64, D64, E64, F#64, G64, A64, B64, C65, D65, E65, F#65, G65, A65, B65, C66, D66, E66, F#66, G66, A66, B66, C67, D67, E67, F#67, G67, A67, B67, C68, D68, E68, F#68, G68, A68, B68, C69, D69, E69, F#69, G69, A69, B69, C70, D70, E70, F#70, G70, A70, B70, C71, D71, E71, F#71, G71, A71, B71, C72, D72, E72, F#72, G72, A72, B72, C73, D73, E73, F#73, G73, A73, B73, C74, D74, E74, F#74, G74, A74, B74, C75, D75, E75, F#75, G75, A75, B75, C76, D76, E76, F#76, G76, A76, B76, C77, D77, E77, F#77, G77, A77, B77, C78, D78, E78, F#78, G78, A78, B78, C79, D79, E79, F#79, G79, A79, B79, C80, D80, E80, F#80, G80, A80, B80, C81, D81, E81, F#81, G81, A81, B81, C82, D82, E82, F#82, G82, A82, B82, C83, D83, E83, F#83, G83, A83, B83, C84, D84, E84, F#84, G84, A84, B84, C85, D85, E85, F#85, G85, A85, B85, C86, D86, E86, F#86, G86, A86, B86, C87, D87, E87, F#87, 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