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DAFTAR LAMPIRAN

Lampiran 1 : Data rekapitulasi pembagian menurut tingkat kerusakan.

Lampiran 2 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_6X_6 + b_71/X_1 + b_81/X_2 + b_91/X_3 + b_{10}1/X_4 + b_{11}1/X_5 + b_{12}1/X_6 + b_{13}X_1^2 + b_{14}X_2^2 + b_{15}X_3^2 + b_{16}X_4^2 + b_{17}X_5^2 + b_{18}X_6^2 + b_{19}X_1^{0.5} + b_{20}X_2^{0.5} + b_{21}X_3^{0.5} + b_{22}X_4^{0.5} + b_{23}X_5^{0.5} + b_{24}X_6^{0.5} + e$$

Lampiran 3 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_61/X_1 + b_71/X_2 + b_81/X_3 + b_91/X_4 + b_{10}1/X_5 + b_{11}1/X_6 + b_{12}X_1^2 + b_{13}X_2^2 + b_{14}X_3^2 + b_{15}X_4^2 + b_{16}X_5^2 + b_{17}X_6^2 + b_{18}X_1^{0.5} + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + e$$

Lampiran 4 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_61/X_1 + b_71/X_2 + b_81/X_3 + b_91/X_4 + b_{10}1/X_5 + b_{11}1/X_6 + b_{12}X_1^2 + b_{13}X_2^2 + b_{14}X_3^2 + b_{15}X_4^2 + b_{16}X_5^2 + b_{17}X_6^2 + b_{18}X_1^{0.5} + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + e$$

Lampiran 5 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_61/X_1 + b_71/X_2 + b_81/X_3 + b_91/X_4 + b_{10}1/X_5 + b_{11}1/X_6 + b_{12}X_1^2 + b_{13}X_2^2 + b_{14}X_3^2 + b_{15}X_4^2 + b_{16}X_5^2 + b_{17}X_6^2 + b_{18}X_1^{0.5} + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + e$$

Lampiran 6 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_61/X_1 + b_71/X_2 + b_81/X_3 + b_91/X_4 + b_{10}1/X_5 + b_{11}1/X_6 + b_{12}X_1^2 + b_{13}X_2^2 + b_{14}X_3^2 + b_{15}X_4^2 + b_{16}X_5^2 + b_{17}X_6^2 + b_{18}X_1^{0.5} + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + e$$

Lampiran 14 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4/X_4 + b_5/X_5 + b_6/X_6 + b_7/X_7 + b_8X_8^2 + b_9X_9^2 + b_{10}X_{10}^{0.5} + b_{11}X_{11}^{0.5} + b_{12}X_{12}^{0.5} + \epsilon$$

Lampiran 15 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4/X_4 + b_5/X_5 + b_6/X_6 + b_7X_7^2 + b_8X_8^2 + b_9X_9^2 + b_{10}X_{10}^{0.5} + b_{11}X_{11}^{0.5} + \epsilon$$

Lampiran 16 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4/X_4 + b_5/X_5 + b_6/X_6 + b_7/X_7 + b_8X_8^2 + b_9X_9^2 + b_{10}X_{10}^{0.5} + b_{11}X_{11}^{0.5} + b_{12}X_{12}^{0.5} + \epsilon$$

Lampiran 17 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4/X_4 + b_5/X_5 + b_6/X_6 + b_7X_7^2 + b_8X_8^2 + b_9X_9^2 + \epsilon$$

Lampiran 18 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2/X_2 + b_3/X_3 + b_4/X_4 + b_5X_5^2 + b_6X_6^2 + b_7X_7^2 + b_8X_8^2 + \epsilon$$

Lampiran 19: Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2/X_2 + b_3/X_3 + b_4X_4^2 + b_5X_5^2 + b_6X_6^2 + b_7X_7^{0.5} + \epsilon$$

Lampiran 20 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2/X_2 + b_3X_3^2 + b_4X_4^2 + b_5X_5^{0.5} + b_6X_6^{0.5} + \epsilon$$

Lampiran 21 : Analisis regresi model :

$$Y_i = b_0 + b_1X_1 + b_2X_2^2 + b_3X_3^2 + b_4X_4^{0.5} + b_5X_5^{0.5} + \epsilon$$

Lampiran 22 : Analisis regresi model :

$$Y_j = b_0 + b_1X_1 + b_2X_2^2 + b_3X_3^2 + b_4X_4^{0.5} + \epsilon$$

Lampiran 23 : Analisis regresi model :

$$Y_2 = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_6/X_6 + b_7/X_7 + b_8/X_8 + b_9/X_9 + b_{10}/X_{10} + b_{11}/X_{11} + b_{12}/X_{12} + b_{13}/X_{13} + b_{14}/X_{14} + b_{15}/X_{15} + b_{16}/X_{16} + b_{17}/X_{17} + b_{18}X_{18}^2 + b_{19}X_{19}^{0.5} + b_{20}X_{20}^{0.5} + b_{21}X_{21}^{0.5} + b_{22}X_{22}^{0.5} + b_{23}X_{23}^{0.5} + b_{24}X_{24}^{0.5} + \epsilon$$

Lampiran 24 : Analisis regresi model :

$$Y_2 = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_6X_6 + b_71/X_1 + b_81/X_2 + b_91/X_3 + b_{10}1/X_4 + b_{11}1/X_5 + b_{12}1/X_6 + b_{13}X_1^2 + b_{14}X_2^2 + b_{15}X_3^2 + b_{16}X_4^2 + b_{17}X_5^2 + b_{18}X_6^2 + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + s$$

Lampiran 25 : Analisis regresi model :

$$Y_2 = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_6X_6 + b_71/X_1 + b_81/X_2 + b_91/X_3 + b_{10}1/X_4 + b_{11}1/X_5 + b_{12}1/X_6 + b_{13}X_1^2 + b_{14}X_2^2 + b_{15}X_3^2 + b_{16}X_4^2 + b_{17}X_5^2 + b_{18}X_6^2 + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + e$$

Lampiran 26 : Analisis regresi model :

$$Y_2 = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_6X_6 + b_71/X_1 + b_81/X_2 + b_91/X_3 + b_{10}1/X_4 + b_{11}1/X_5 + b_{12}1/X_6 + b_{13}X_1^2 + b_{14}X_2^2 + b_{15}X_3^2 + b_{16}X_4^2 + b_{17}X_5^2 + b_{18}X_6^2 + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + e$$

Lampiran 27 : Analisis regresi model :

$$Y_2 = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_6X_6 + b_71/X_1 + b_81/X_2 + b_91/X_3 + b_{10}1/X_4 + b_{11}1/X_5 + b_{12}1/X_6 + b_{13}X_1^2 + b_{14}X_2^2 + b_{15}X_3^2 + b_{16}X_4^2 + b_{17}X_5^2 + b_{18}X_6^2 + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + s$$

Lampiran 28 . Analisis regresi model :

$$Y_2 = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_6X_6 + b_71/X_1 + b_81/X_2 + b_91/X_3 + b_{10}1/X_4 + b_{11}1/X_5 + b_{12}1/X_6 + b_{13}X_1^2 + b_{14}X_2^2 + b_{15}X_3^2 + b_{16}X_4^2 + b_{17}X_5^2 + b_{18}X_6^2 + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + s$$

Lampiran 29 : Analisis regresi model :

$$Y_2 = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_6X_6 + b_71/X_1 + b_81/X_2 + b_91/X_3 + b_{10}1/X_4 + b_{11}1/X_5 + b_{12}1/X_6 + b_{13}X_1^2 + b_{14}X_2^2 + b_{15}X_3^2 + b_{16}X_4^2 + b_{17}X_5^2 + b_{18}X_6^2 + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + e$$

Lampiran 30 : Analisis regresi model :

$$Y_2 = b_0 + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 + b_5X_5 + b_6X_6 + b_71/X_1 + b_81/X_2 + b_91/X_3 + b_{10}1/X_4 + b_{11}1/X_5 + b_{12}1/X_6 + b_{13}X_1^2 + b_{14}X_2^2 + b_{15}X_3^2 + b_{16}X_4^2 + b_{17}X_5^2 + b_{18}X_6^2 + b_{19}X_2^{0.5} + b_{20}X_3^{0.5} + b_{21}X_4^{0.5} + b_{22}X_5^{0.5} + b_{23}X_6^{0.5} + s$$

Lampiran 31 : Analisis regresi model :

$$Y_2 = b_0 + b_j X_j + b_2 X_2 + b_3 X_3 + b_4 X_5 + b_8 X_f + b_6 1/X + b_7 1/X_2 + b_8 1/X_5 + b_9 i/X_6 + b_{10} X_3^2 + b_{11} X_5^2 + b_{12} X_6^2 + b_{13} X_2^{0.5} + b_{14} X_f^5 + b_{15} X_5^{0.5} + b_{16} X_6^{0.5} + e$$

Lampiran 32 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_2 + b_3 X_3 + b_4 X_5 + b_8 X_0 + b_6 1/X_1 + b_7 1/X_2 + b_8 1/X_5 + b_9 1/X_6 + b_{10} X_3^2 + b_{11} X_5^2 + b_{12} X_f^2 + b_{13} X_2^{0.5} + b_{14} X_f^5 + b_{15} X_f^{0.5} + e$$

Lampiran 33 : Analisis regresi model :

$$Y_2 = b_0 + b_i X_i + b_2 X_2 + b_3 X_3 + b_4 X_f + b_{j1} / x_j + b_6 1/X_2 + b_7 1/X_5 + b_{11} / X_6 + b_9 X_3^2 + b_{10} X_5^2 + b_{11} X_f^2 + b_{12} X_2^{0.5} + b_{13} X_4^{0.5} + b_{14} X_0^{0.5} + s$$

Lampiran 34 : Analisis regresi model :

$$Y_2 = b_0 + b_j X_j + b_2 X_2 + b_3 X_3 + b_4 X_6 + b_5 1/X + b_6 1/X_5 + b_7 1/X_6 + b_8 X_3^2 + b_9 X_5^2 + b_{10} X_6^2 + b_{11} X_2^{0.5} + b_{12} X_3^{0.3} + b_{13} X_6^{0.5} + s$$

Lampiran 35 : Analisis regresi model :

$$Y_2 = b_0 + b_i X_i + b_2 X_2 + b_3 X_3 + b_4 X_5 + b_{j1} / x_i + b_{f1} / X_2 + b_{71} / X_5 + b_{xi} / X_0 + b_9 X_3^2 + b_{10} X_5^2 + b_{11} X_6^2 + b_{12} X_2^{0.5} + b_{13} X_5^{0.5} + b_{14} X_6^{0.5} + b_{15} X_3 * X_2 + b_{16} X_3 * X_2 + b_{17} X_4 * X_2 + b_{18} i / x_i * X_2 + b_{19} i / X_5 * X_2 + b_{20} i / X_6 * X_2 + b_{21} X_3^2 * X_2 + b_{22} X_5^2 * X_2 + b_{23} X_f^2 * X_2 + b_{24} X_4^{0.5} * X_2 + b_{25} X_6^{0.5} * X_2 + s$$

Lampiran 36 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_2 + b_3 X_3 + b_4 X_6 + b_5 1/X_2 + b_6 1/X_5 + b_7 1/X_f + b_8 X_3^2 + b_9 X_5^2 + b_{10} X_f^2 + b_{11} X_2^{0.5} + b_{12} X_4^{0.5} + b_{13} X_6^{0.5} + b_{14} X_3 * X_2 + b_{15} X_3 * X_2 + b_{16} X_4 * X_2 + b_{17} 1/X_j * X_2 + b_{18} 1/X_5 * X_2 + b_{19} 1/X_6 * X_2 + b_{20} X_3^2 * X_2 + b_{21} X_5^2 * X_2 + b_{22} X_6^2 * X_2 + b_{23} X_4^{0.5} * X_2 + b_{24} X_6^{0.5} * X_2 + s$$

Lampiran 37 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_2 + b_3 X_3 + b_4 X_6 + b_5 1/X_2 + b_6 1/X_5 + b_7 1/X_6 + b_8 X_3^2 + b_9 X_5^2 + b_{10} X_6^2 + b_{11} X_2^{0.5} + b_{12} X_f^5 + b_{13} X_3 * X_2 + b_{14} X_3 * X_2 + b_{15} X_f * X_2 + b_{16} i / X_1 * X_2 + b_{17} 1/X_5 * X_2 + b_{18} 1/X_6 * X_2 + b_{19} X_3^2 * X_2 + b_{20} X_5^2 * X_2 + b_{21} X_5^2 * X_2 + b_{22} X_4^{0.5} * X_2 + b_{23} X_6^{0.5} * X_2 + s$$

Lampiran 38 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_2 + b_3 X_3 + b_4 X_6 + b_5 1/X_2 + b_6 1/X_5 + b_7 1/X_6 + b_8 X_7^2 + b_9 X_5^2 + b_{10} X_6^2 + b_{11} X_2^{0.5} + b_{12} X_6^{0.5} + b_{13} X_1 * X_2 + b_{14} X_3 * X_2 + b_{15} X_6 * X_2 + b_{16} 1/X_1 * X_2 + b_{17} 1/X_5 * X_2 + b_{18} 1/X_6 * X_2 + b_{19} X_7^2 * X_2 + b_{20} X_5^{0.5} * X_2 + b_{21} X_6^{0.5} * X_2 + E$$

Lampiran 39 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_2 + b_3 X_3 + b_4 X_6 + b_5 1/X_2 + b_6 1/X_5 + b_7 1/X_6 + b_8 X_7^2 + b_9 X_5^2 + b_{10} X_6^2 + b_{11} X_2^{0.5} + b_{12} X_6^{0.5} + b_{13} X_1 * X_2 + b_{14} X_3 * X_2 + b_{15} X_6 * X_2 + b_{16} 1/X_1 * X_2 + b_{17} 1/X_5 * X_2 + b_{18} 1/X_6 * X_2 + b_{19} X_7^2 * X_2 + b_{20} X_5^{0.5} * X_2 + b_{21} X_6^{0.5} * X_2 + E$$

Lampiran 40 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_2 + b_3 X_3 + b_4 X_6 + b_5 1/X_2 + b_6 1/X_5 + b_7 1/X_6 + b_8 X_7^2 + b_9 X_5^2 + b_{10} X_6^2 + b_{11} X_1 * X_2 + b_{12} X_3 * X_2 + b_{13} X_6 * X_2 + b_{14} 1/X_1 * X_2 + b_{15} 1/X_5 * X_2 + b_{16} 1/X_6 * X_2 + b_{17} X_7^2 * X_2 + b_{18} X_5^2 * X_2 + b_{19} X_4^{0.5} * X_2 + b_{20} X_6^{0.5} * X_2 + E$$

Lampiran 41 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_3 + b_3 X_6 + b_4 1/X_2 + b_5 1/X_5 + b_6 1/X_6 + b_7 X_7^2 + b_8 X_5^{a5} + b_9 X_6^{a5} + b_{10} X_1 * X_2 + b_{11} X_3 * X_2 + b_{12} X_6 * X_2 + b_{13} 1/X_1 * X_2 + b_{14} 1/X_5 * X_2 + b_{15} 1/X_6 * X_2 + b_{16} X_7^2 * X_2 + b_{17} X_5^{a5} * X_2 + b_{18} X_6^{a5} * X_2 + c$$

Lampiran 42 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_3 + b_3 X_6 + b_4 1/X_2 + b_5 1/X_5 + b_6 1/X_6 + b_7 X_7^2 + b_8 X_5^{a5} + b_9 X_6^{a5} + b_{10} X_1 * X_2 + b_{11} X_3 * X_2 + b_{12} X_6 * X_2 + b_{13} 1/X_1 * X_2 + b_{14} 1/X_5 * X_2 + b_{15} 1/X_6 * X_2 + b_{16} X_7^2 * X_2 + b_{17} X_5^{a5} * X_2 + b_{18} X_6^{a5} * X_2 + E$$

Lampiran 43 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_3 + b_3 X_6 + b_4 1/X_2 + b_5 1/X_5 + b_6 1/X_6 + b_7 X_7^2 + b_8 X_5^{a5} + b_9 X_6^{a5} + b_{10} X_1 * X_2 + b_{11} X_3 * X_2 + b_{12} X_6 * X_2 + b_{13} 1/X_1 * X_2 + b_{14} 1/X_5 * X_2 + b_{15} 1/X_6 * X_2 + b_{16} X_7^2 * X_2 + b_{17} X_5^{a5} * X_2 + b_{18} X_6^{a5} * X_2 + E$$

Lampiran 44 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_3 + b_3 X_6 + b_4 1/X_2 + b_5 i/X_6 + b_6 X^{205} + b_7 X_{rtcu} + b_8 X_6 * X_2 + b_9 X_3 * X_2 + b_{10} X_6 * X_2 + b_{11} 1/X_2 + b_{12} 1/X_6 * X_2 + b_{13} 1/X_6 * X_2 + b_{14} X_3^2 * X_2 + b_{15} X_4^{0.5} * X_2 + b_{16} X_4^{0.5} * X_2 + 8$$

Lampiran 45 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_3 + b_3 X_6 + b_4 1/X_0 + b_5 X^{205} + b_6 X^{605} + b_7 X_j * X_2 + b_8 X_3 * X_2 + b_9 X_6 * X_2 + b_{10} 1/X_2 + b_{11} X_5 * X_2 + b_{12} 1/X_6 * X_2 + b_{13} X_3^2 * X_2 + b_{14} X^{t^2} * X_2 + b_{15} X_{rt}^{0.5} * X_2 + 8$$

Lampiran 46 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_3 + b_3 1/X_0 + b_4 X^{20^5} + b_5 X_6^{0.5} + b_6 X_6 * X_2 + b_7 X_3 * X_2 + b_8 X_6 * X_2 + b_9 i/x_i * X_2 + b_{10} 1/X_5 * X_2 + b_{11} 1/X_5 * X_2 + b_{12} X_3^2 * X_2 + b_{13} X_4^{0.5} * X_2 + b_{14} X_{fi}^{0.5} * X_2 + 8$$

Lampiran 47 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_1 + b_2 X_3 + b_3 1/X_6 + b_4 X^{20^5} + b_5 X^{t^5} + b_6 X_1 * X_2 + b_7 X_3 * X_2 + b_8 X_6 * X_2 + b_9 1/X_2 * X_2 + b_{10} 1/X_6 * X_2 + b_{11} X_3^2 * X_2 + b_{12} X_4^{0.5} * X_2 + b_{13} X_0^{0.5} * X_2 + 8$$

Lampiran 48 : Analisis regresi model :

$$Y_2 = b_0 + b_1 X_i + b_2 X_3 + b_3 1/X_6 + b_4 X^{605} + b_5 X_1 * X_2 + b_6 X_3 * X_2 + b_7 X_0 * X_2 + b_8 1/X_2 * X_2 + b_9 1/X_0 * X_2 + b_{10} X_3^2 * X_2 + b_{11} X_4^{0.5} * X_2 + b_{12} X^{605} * X_2 + 8$$