Table S1: **Raw data including specimen references, the molded tooth, the locality and values for the five dental microwear texture parameters** for every specimen included in the analysis.

Tableau S1**: Données brutes incluant les références des spécimens, la dent moulée, la localité ainsi que les valeurs des cinq paramètres de texture de micro-usure dentaire** pour tous les spécimens inclus dans l’étude.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Specimen** | **tooth** | **locality** | **Tfv** | **Asfc** | **EpLsar (10-3)** | **Smc** | **Hasfc 9** |
| VARnn1 | lm2 | Varshets | 36497.5 | 1.35 | 2.25 | 1.41 | 0.17 |
| VARnn10 | lm2 | 39484.8 | 2.10 | 1.02 | 0.83 | 0.26 |
| VARnn11 | UM2 | 5222.8 | 1.97 | 0.79 | 0.67 | 0.19 |
| VARnn12 | UM2 | 53013.6 | 1.65 | 6.78 | 0.30 | 0.19 |
| VARnn13 | UM3 | 21957.2 | 2.25 | 3.86 | 0.67 | 0.19 |
| VARnn14 | lm3 | 42013.2 | 5.86 | 2.67 | 0.41 | 0.29 |
| VARnn15 | UM2 | 38516.9 | 2.41 | 3.21 | 0.67 | 0.31 |
| VARnn16 | lm2 | 18866.2 | 1.12 | 2.64 | 0.30 | 0.27 |
| VARnn17 | lm2 | 1385.7 | 1.05 | 2.97 | 0.83 | 0.20 |
| VARnn18 | lm | 39056.7 | 7.72 | 2.77 | 0.21 | 0.52 |
| VARnn19 | UM3 | 32006.6 | 3.30 | 3.61 | 0.21 | 0.52 |
| VARnn2 | UM2 | 37971.6 | 2.37 | 0.58 | 0.67 | 0.32 |
| VARnn23 | UM2 | 35711.7 | 2.35 | 1.11 | 0.83 | 0.21 |
| VARnn24 | UM2 | 63842.7 | 3.93 | 3.55 | 0.13 | 0.83 |
| VARnn26 | lm2 | 16627.8 | 6.42 | 0.53 | 0.13 | 0.26 |
| VARnn3 | UM2 | 40307.8 | 1.25 | 1.66 | 0.53 | 0.19 |
| VARnn4 | UM2 | 37896.5 | 8.40 | 4.02 | 0.07 | 0.27 |
| VARnn5 | ldp4 | 12151.1 | 1.33 | 1.49 | 0.53 | 0.78 |
| VARnn6 | UM | 17828.2 | 2.52 | 2.30 | 0.53 | 0.43 |
| VARnn8 | UM2 | 45157.3 | 1.16 | 4.22 | 0.67 | 0.33 |
| VARnn9 | UM1 | 34127.5 | 1.21 | 4.98 | 0.53 | 0.18 |
| DFN168 | UM2 | Dafnero | 34784.8 | 1.43 | 7.50 | 0.67 | 0.39 |
| DFN24 | UM2 | 57987.2 | 2.80 | 4.11 | 0.13 | 0.26 |
| DFN76 | UM2 | 31763.4 | 1.40 | 7.18 | 0.21 | 0.24 |
| GER132 | UM2 | Gerakarou | 50551.2 | 2.36 | 6.40 | 0.67 | 0.27 |
| GER134 | UM2 | 27470.1 | 6.08 | 2.05 | 0.67 | 0.19 |
| GER136 | lm2 | 45949.7 | 0.96 | 3.86 | 0.67 | 0.28 |
| GER186 | UM2 | 34115.2 | 1.34 | 4.69 | 0.67 | 0.28 |
| GER187 | UM2 | 23807.2 | 1.78 | 2.40 | 0.41 | 0.20 |
| GER191 | UM2 | 52612.0 | 1.68 | 6.52 | 34.08 | 0.48 |
| GER214 | UM2 | 53082.8 | 3.57 | 1.29 | 1.01 | 0.24 |
| GER345 | lm2 | 36680.1 | 3.40 | 0.99 | 19.98 | 0.30 |
| GER5alpha | ldp4 | 55647.4 | 6.30 | 1.64 | 0.21 | 0.20 |
| KRI-30-1 | UM2 | Krimni | 31271.5 | 2.36 | 6.30 | 0.13 | 0.31 |
| CHI2011-0-1-84 | UM3 | Chilhac | 40714.0 | 3.53 | 1.96 | 0.21 | 0.45 |
| CHI2011-0-1-86 | UM3 | 50445.9 | 3.29 | 2.69 | 0.13 | 0.52 |
| CHI2011-0-1-865 | UM | 44293.2 | 2.43 | 1.80 | 0.07 | 0.27 |
| CHI2011-0-1-94 | lm3 | 49562.7 | 3.74 | 2.82 | 0.13 | 0.28 |
| CHI2011-0-2-116 | lm2 | 47687.0 | 6.51 | 3.65 | 0.13 | 0.49 |
| CHI2011-0-2-119 | ldp4 | 48008.3 | 1.09 | 3.74 | 0.67 | 0.16 |
| CHI2011-0-2-122 | lm2 | 55432.9 | 1.19 | 8.18 | 0.41 | 0.37 |
| CHI2011-0-2-123 | lm3 | 37336.6 | 1.28 | 5.92 | 0.41 | 0.12 |
| CHI2011-0-2-98 | UM1 | 60865.1 | 3.25 | 2.85 | 0.13 | 0.69 |
| CHI2011-0-3-844 | UM1 | 38958.3 | 1.06 | 4.11 | 1.63 | 0.23 |
| CHI2011-0-3-846 | UM1 | 40930.3 | 3.37 | 5.30 | 0.13 | 0.25 |
| CHI2011-0-3-847 | UM1 | 42943.2 | 5.36 | 2.78 | 0.30 | 0.38 |
| CHI2011-0-3-848 | UM | 62729.1 | 2.32 | 3.22 | 153.90 | 0.28 |
| CHI2011-0-3-849 | UM1 | 36211.7 | 1.88 | 2.51 | 0.30 | 0.34 |
| CHI2011-0-3-850 | UM3 | 63037.8 | 2.68 | 4.33 | 0.67 | 0.33 |
| CHI2011-0-3-852 | UM3 | 32434.3 | 4.00 | 2.49 | 0.21 | 0.21 |
| CHI2011-0-3-853 | UM3 | 36143.0 | 3.38 | 0.24 | 0.53 | 0.25 |
| CHI2011-0-3-854 | UM3 | 53549.4 | 1.44 | 3.93 | 0.53 | 0.29 |
| CHI2011-0-3-855 | UM3 | 33573.9 | 10.26 | 1.53 | 0.13 | 0.30 |
| CHI2011-0-3-856 | UM3 | 50082.7 | 7.20 | 1.34 | 0.13 | 0.32 |
| CHI2011-0-3-858 | UM3 | 43875.0 | 2.40 | 1.26 | 0.67 | 0.27 |
| CHI2011-0-3-859 | UM3 | 48599.7 | 3.19 | 2.83 | 0.21 | 0.50 |
| CHI2011-0-3-860 | UM3 | 49957.8 | 6.86 | 1.09 | 0.13 | 0.58 |
| CHI2011-0-3-861 | UM3 | 58392.3 | 3.22 | 2.70 | 0.67 | 0.64 |
| CHI2011-0-3-863 | UM3 | 41462.9 | 3.36 | 2.25 | 0.13 | 0.28 |
| CHI2011-0-3-864 | UM3 | 52336.1 | 4.30 | 1.72 | 0.13 | 0.72 |
| CHI2011-0-3-865 | UM3 | 49370.5 | 1.87 | 4.86 | 1.20 | 0.46 |
| CHI2011-0-3-866 | UM3 | 50833.9 | 2.09 | 2.33 | 0.21 | 0.47 |
| CHI2011-0-3-867 | UM3 | 48597.0 | 5.00 | 0.47 | 0.13 | 0.46 |
| CHI2011-0-3-868 | UM3 | 47897.5 | 3.30 | 1.94 | 0.21 | 0.24 |
| CHI2011-0-3-869 | UM | 39937.3 | 3.36 | 0.88 | 0.21 | 0.17 |
| CHI2011-0-3-870 | UM3 | 31878.6 | 2.23 | 2.78 | 0.30 | 0.30 |
| CHI2011-0-3-871 | UM1 | 43027.3 | 1.86 | 1.29 | 0.67 | 0.17 |
| CHI2011-0-3-872 | UM | 40246.4 | 3.88 | 3.58 | 0.13 | 0.85 |
| CHI2011-0-3-874 | UM2 | 43428.6 | 2.46 | 1.64 | 0.21 | 0.42 |
| CHI2011-0-3-875 | UM3 | 45002.9 | 5.98 | 2.17 | 0.21 | 0.40 |
| CHI2011-0-3-876 | UM | 46255.7 | 2.22 | 2.47 | 0.21 | 0.29 |
| CHI2011-0-3-877 | UM1 | 53025.8 | 3.35 | 3.41 | 0.21 | 0.42 |
| CHI2011-0-3-878 | UM2 | 36596.3 | 3.72 | 0.81 | 0.30 | 0.42 |
| CHI2011-0-3-879 | UM2 | 57166.9 | 7.06 | 2.75 | 0.13 | 0.45 |
| CHI2011-0-3-880 | UM2 | 47216.7 | 2.85 | 2.59 | 0.21 | 0.31 |
| CHI2011-0-3-881 | UM2 | 51499.8 | 3.89 | 2.71 | 0.41 | 1.19 |
| CHI2011-0-3-897 | lm2 | 55314.3 | 4.30 | 1.15 | 0.21 | 0.41 |
| CHI2011-0-3-938 | lm | 45584.0 | 2.62 | 6.69 | 0.53 | 0.23 |
| CHI2011-0-3-939 | lm1 | 44039.8 | 2.53 | 3.61 | 0.41 | 0.32 |
| CHI2011-0-3-940 | lm1 | 35762.0 | 1.17 | 5.73 | 0.41 | 0.28 |
| CHI2011-0-3-941 | lm1 | 35045.6 | 1.48 | 2.11 | 0.30 | 0.23 |
| CHI2011-0-3-942 | lm2 | 59206.3 | 1.78 | 5.32 | 0.41 | 0.25 |
| CHI2011-0-3-944 | lm3 | 29320.9 | 2.90 | 3.28 | 0.30 | 0.60 |
| CHI2011-0-3-945 | lm3 | 54644.0 | 4.16 | 2.75 | 0.13 | 0.29 |
| CHI2011-0-3-947 | lm3 | 47908.5 | 1.37 | 7.03 | 0.67 | 0.17 |
| CHI2011-0-3-948 | lm2 | 47400.7 | 2.57 | 3.21 | 0.41 | 0.29 |
| CHI2011-0-3-949 | lm2 | 25581.2 | 1.96 | 2.95 | 0.30 | 0.49 |
| CHI2011-0-3-950 | lm2 | 48806.5 | 3.06 | 2.88 | 0.13 | 0.20 |
| CHI2011-0-3-953 | lm1 | 52427.1 | 7.92 | 0.88 | 0.07 | 0.50 |
| CHI2011-0-3-955 | lm2 | 37577.6 | 1.05 | 2.10 | 0.30 | 0.55 |
| CHI2011-0-3-956 | lm2 | 38472.4 | 2.85 | 2.38 | 0.30 | 0.22 |
| CHI2011-0-3-959 | lm3 | 49928.7 | 2.77 | 3.75 | 0.41 | 0.25 |
| CHI2011-0-3-962 | lm3 | 38479.3 | 3.87 | 1.68 | 0.21 | 0.38 |
| CHI2011-0-3-967 | lm2 | 40091.8 | 4.36 | 1.55 | 0.13 | 0.71 |
| CHI2011-0-3-8701 | UM3 | 31878.6 | 2.23 | 2.78 | 0.30 | 0.30 |
| CHI2011-0-4-24 | UM1 | 55417.2 | 2.53 | 3.26 | 0.41 | 0.16 |
| CHI2011-0-4-32 | lm2 | 47658.3 | 2.20 | 2.19 | 0.07 | 0.36 |
| CHI2011-0-4-35 | lm2 | 46041.6 | 2.23 | 3.48 | 0.53 | 0.33 |
| CHI2011-0-4-51 | lm2 | 36477.3 | 1.65 | 4.26 | 55.95 | 0.31 |
| CHI2012-0-2-462 | UM | 37193.4 | 2.55 | 1.25 | 0.67 | 0.34 |
| CHI2012-0-4-464 | UM3 | 48130.7 | 3.63 | 2.11 | 0.13 | 0.27 |
| CHI2012-0-4-466 | UM | 45105.0 | 3.48 | 2.06 | 0.13 | 0.38 |
| CHI2013-0-3-225 | lm2 | 60751.0 | 3.49 | 3.79 | 62.98 | 0.55 |
| CHI2014-0-1-29 | lm2 | 48847.1 | 3.28 | 0.11 | 0.13 | 0.78 |
| CHI2015-0-1-21 | UM1 | 57365.9 | 1.74 | 5.24 | 158.46 | 0.28 |
| CHI2015-0-2-29 | UM3 | 37381.2 | 2.20 | 3.06 | 0.13 | 0.70 |
| CHI2015-0-3-1 | lm3 | 37896.5 | 2.70 | 1.08 | 0.53 | 0.27 |
| CHI2015-0-3-2 | lm2 | 43450.9 | 9.68 | 4.49 | 0.13 | 0.30 |
| CHI2015-0-3-26 | UM1 | 38739.6 | 0.95 | 6.03 | 0.53 | 0.39 |
| CHI2015-0-3-34 | UM2 | 48705.3 | 1.60 | 3.75 | 0.67 | 0.44 |
| CHI2015-0-4-4 | lm3 | 27625.6 | 3.70 | 1.91 | 0.83 | 1.21 |
| CHI2015-0-4-25 | UM | 32306.3 | 3.02 | 1.19 | 0.21 | 0.35 |
| conf201620084 | UM2 | Saint-Vallier | 38894.3 | 2.73 | 3.82 | 0.67 | 0.22 |
| conf20162082 | UM2 | 7461.2 | 0.88 | 3.91 | 0.53 | 0.14 |
| conf20162087 | UM2 | 26954.5 | 2.27 | 1.27 | 0.53 | 0.21 |
| conf20162103 | UM2 | 9060.0 | 1.58 | 4.19 | 0.53 | 0.26 |
| conf20162104 | UM2 | 22034.1 | 0.91 | 4.10 | 0.41 | 0.29 |
| conf20162105 | UM2 | 55887.1 | 0.92 | 4.20 | 0.67 | 0.16 |
| conf20162106 | lm2 | 44723.2 | 0.95 | 5.28 | 0.53 | 0.15 |
| conf20162107 | lm2 | 29916.1 | 1.40 | 2.81 | 0.67 | 0.24 |
| conf20162108 | lm2 | 25794.4 | 0.61 | 1.55 | 0.41 | 0.98 |
| conf20162109 | lm2 | 39452.3 | 0.82 | 4.80 | 0.41 | 0.17 |
| conf20162110 | ldp4 | 42250.1 | 1.64 | 2.32 | 0.41 | 0.40 |
| conf20162112 | lm3 | 25048.3 | 0.89 | 7.34 | 0.41 | 0.15 |
| conf20162113 | UM2 | 14602.6 | 1.83 | 3.16 | 0.67 | 0.31 |
| conf20162114 | lm2 | 43955.6 | 1.28 | 1.48 | 0.41 | 0.20 |
| conf20162115 | lm2 | 36458.3 | 1.56 | 3.04 | 0.41 | 0.30 |
| conf20162116 | lm2 | 24195.6 | 1.13 | 6.78 | 0.67 | 0.35 |
| conf20162117 | UM2 | 3943.8 | 1.24 | 5.19 | 0.53 | 0.22 |
| conf20162118 | UM2 | 35300.0 | 1.46 | 2.03 | 0.67 | 0.19 |
| conf20162119 | UM2 | 41354.5 | 1.56 | 6.24 | 0.53 | 0.32 |
| FSL495356 | lm2 | 43846.3 | 1.64 | 3.63 | 0.41 | 0.32 |
| FSL495903 | lm2 | 12596.7 | 2.93 | 2.75 | 0.53 | 0.21 |
| FSL496805 | lm2 | 41462.9 | 1.14 | 8.50 | 0.53 | 0.14 |
| FSL210636 | lm2 | Senèze | 45198.4 | 1.48 | 9.08 | 0.83 | 0.23 |
| FSL210664 | lm2 | 42866.3 | 0.83 | 5.17 | 0.83 | 0.20 |
| FSL210666 | lm2 | 53558.6 | 1.24 | 4.80 | 0.67 | 0.25 |
| FSL210669a | UM | 43469.2 | 1.11 | 9.03 | 0.30 | 0.14 |
| FSL210669b | UM | 51879.7 | 6.63 | 1.18 | 0.53 | 0.23 |
| FSL210670 | lm | 40710.8 | 0.86 | 8.84 | 8.52 | 0.68 |
| FSL210672 | lm2 | 42395.7 | 1.68 | 1.56 | 0.30 | 0.20 |
| FSL210681 | lm2 | 47165.1 | 1.52 | 7.08 | 0.41 | 0.18 |
| FSL210682 | UM2 | 48197.1 | 1.46 | 3.84 | 0.53 | 0.50 |
| FSL210711 | lm2 | 19646.0 | 1.09 | 3.32 | 0.30 | 0.58 |
| FSL210712 | lm | 32506.7 | 1.19 | 9.05 | 4.03 | 0.21 |
| F1034 | lm2 | Slivnitsa | 41287.7 | 1.11 | 7.94 | 0.67 | 0.26 |

Figure S1: **Inter-individual variations in anistropy and complexity** for the deer from the eight localities included in the study.

Figure S1**: Variations inter-individuelles de l’anisotropie et de la complexité** pour les cervidés des huit localités inclues dans l’étude.

