|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SI Appendix. Cranial and mandibular measurements (mm) for the Gua Harimau series |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Individual No. | 3 | 4 | 9 | 12 | 13 | 14 | 17 | 19 | 20 | 21 | 23 | 24 | 27 | 36 | 48 | 49 | 53 | 53 | 57 | 59 | 60 | 74 | 79 | Early Gua Harimau | Late Gua Harimau Average |
| Series (E=Early, L=Late) | L | L | L | L | L | L | L | L | L | L | L | L | L | L | L | L | L | L | L | L | L | E | E | Male Average | Male | Female |
| Sex (M=male, F=female) | F | M | M | M | M | F | M | M | F | M | M | F | F | M | F | M | M | M | F | F | M | M | M | n | M | SD | n | M | SD | n | M | SD |
| 1.Max. cranial length | - | - | - | - | 179  | - | - | 178  | 174  | - | - | - | - | 177  | 177  | 170  | 175  | 175  | 182  | 185  | 176  | 189  | 180  | 2 | 184.5  | 6.4  | 6 | 175.8  | 3.2  | 4 | 179.5  | 4.9  |
| 5.Basion-nasion length | - | - | - | - | - | - | - | 96  | - | - | - | - | - | 92  | 104  | - | 103  | 103  | - | - | 100  | - | 99  | 1 | 99.0  | - | 4 | 97.8  | 4.8  | 1 | 104.0  | - |
| 8.Max. cranial breadth | - | - | - | - | 135  | - | - | 148  | 132  | - | - | - | - | 134  | 134  | 142  | 142  | 142  | 139  | 137  | 135  | 134  | 136  | 2 | 135.0  | 1.4  | 6 | 139.3  | 5.6  | 4 | 135.5  | 3.1  |
| 9.Min. frontal breadth | 96  | - | - | - | 92  | - | - | 97  | 95  | 96  | - | - | - | 92  | 89  | 94  | 94  | 94  | 97  | 102  | 94  | 103  | 99  | 2 | 101.0  | 2.8  | 7 | 94.1  | 1.9  | 5 | 96.0  | 4.5  |
| 10.Max. frontal breadth | - | - | - | - | 112  | - | - | 118  | - | 111  | - | - | - | 111  | 113  | 108  | 118  | 118  | 123  | 120  | 111  | 113  | 121  | 2 | 117.0  | 5.7  | 7 | 112.7  | 3.8  | 3 | 118.5  | 5.3  |
| 12.Max. occipital breadth | - | - | - | - | 113  | - | - | 112  | 100  | - | - | - | - | 102  | 98  | 110  | 109  | 109  | - | 110  | 105  | 110  | 103  | 2 | 106.5  | 4.9  | 6 | 108.5  | 4.2  | 3 | 102.7  | 6.7  |
| 17.Basion-bregma height | - | - | - | - | - | - | - | 139  | - | - | - | - | - | 131  | 139  | - | 138  | 138  | - | - | 133  | - | 143  | 1 | 143.0  | - | 4 | 135.3  | 3.9  | 1 | 139.0  | - |
| 29.Frontal chord | - | - | - | - | 104  | - | - | 118  | - | - | - | - | - | 104  | 113  | - | 109  | 109  | 113  | 115  | 107  | 112  | 117  | 2 | 114.5  | 3.5  | 5 | 108.4  | 5.8  | 3 | 113.7  | 1.4  |
| 30.Parietal chord | - | - | - | - | 105  | - | - | 109  | - | - | - | - | - | 120  | 113  | - | 116  | 116  | 112  | 115  | 112  | 115  | 109  | 2 | 112.0  | 4.2  | 5 | 112.4  | 5.9  | 3 | 113.6  | 1.7  |
| 31.Occipital chord | - | - | - | - | 109  | - | - | 108  | - | - | - | - | - | 109  | 94  | - | 90  | 90  | - | - | 100  | - | - | 0 | - | - | 5 | 103.4  | 8.2  | 1 | 94.3  | - |
| 40.Basion-prosthion length | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 97  | - | 100  | 100  | - | - | 93  | - | 99  | 1 | 99.0  | - | 2 | 96.5  | 4.9  | 1 | 96.7  | - |
| 43.Upper facial breadth | - | - | - | 106  | 104  | - | - | 105  | 106  | 108  | - | - | - | 104  | 99  | 106  | 104  | 104  | 102  | 109  | 107  | 117  | 114  | 2 | 115.3  | 2.4  | 8 | 105.6  | 1.5  | 4 | 103.8  | 4.1  |
| 45.Bizygomatic breadth | - | - | - | - | 138  | - | - | 136  | 145  | 136  | - | - | - | 130  | 132  | - | 136  | 136  | - | 128  | 133  | - | 142  | 1 | 142.0  | - | 6 | 134.8  | 2.8  | 3 | 134.9  | 8.9  |
| 46.Bimaxillary breadth | - | - | - | 106  | 102  | - | - | - | 98  | 103  | - | - | - | 96  | 96  | - | 100  | 100  | - | 96  | - | 98  | 104  | 2 | 101.0  | 4.2  | 5 | 101.3  | 3.8  | 3 | 96.6  | 1.5  |
| 48.Upper facial height | - | - | - | 76  | 73  | 67  | - | - | 65  | 67  | - | - | - | 65  | 69  | - | 70  | 70  | - | 72  | 70  | 69  | 70  | 2 | 69.5  | 0.7  | 6 | 70.2  | 4.0  | 4 | 68.1  | 3.0  |
| 51.Orbital breadth | 39  | 40  | - | 41  | - | - | - | - | 39  | 39  | - | 25  | 37  | 35  | 40  | - | 40  | 40  | - | 42  | 41  | 42  | 45  | 2 | 43.6  | 2.0  | 6 | 39.3  | 2.2  | 6 | 37.0  | 6.3  |
| 52.Orbital height | 35  | - | - | 38  | 33  | - | - | - | 36  | 33  | - | - | 30  | 34  | 33  | - | 34  | 34  | - | 36  | 32  | 33  | 38  | 2 | 35.5  | 3.5  | 6 | 33.9  | 2.1  | 5 | 34.1  | 2.5  |
| 54.Nasal breadth | - | - | - | 25  | 24  | 25  | - | - | 26  | 26  | 25  | 26  | - | 24  | 25  | - | 28  | 28  | - | 25  | 22  | 26  | 26  | 2 | 26.0  | 0.0  | 7 | 25.0  | 1.9  | 5 | 25.3  | 0.6  |
| 55.Nasal height | - | - | - | 54  | 55  | 48  | - | - | 49  | 48  | - | - | - | 50  | 55  | - | 55  | 55  | - | 55  | 48  | 52  | 50  | 2 | 51.0  | 1.4  | 6 | 51.6  | 3.5  | 4 | 51.7  | 3.5  |
| 60.Upper alveolar length | - | - | - | - | 61  | - | - | - | - | - | - | 54  | - | 57  | 50  | - | 55  | 55  | - | - | 59  | 59  | 60  | 2 | 59.6  | 0.9  | 4 | 58.1  | 2.5  | 2 | 52.1  | 2.6  |
| 61.Upper alveolar breadth | - | - | - | 72  | 63  | - | 67  | - | - | - | - | 65  | - | 60  | 62  | - | 66  | 66  | - | 57  | 70  | 66  | 68  | 2 | 66.8  | 1.2  | 6 | 66.3  | 4.4  | 3 | 61.2  | 4.2  |
| 43(1) Frontal chord (FC) | 102 | - | - | 95 | - | - | - | 97 | 95 | - | - | - | - | - | 91 | - | 94 | 94 | 100 | 96 | 93 | 106 | 103 | 2 | 104.5  | 2.2  | 4 | 94.6  | 1.8  | 5 | 96.7  | 4.4  |
| 43c Frontal subtense (FS) | - | - | - | 12 | - | - | - | 16.3 | 12 | - | - | - | - | - | 15 | - | 15 | 15 | - | 18 | 15 | 11 | - | 1 | 11.0  | - | 4 | 14.4  | 1.8  | 3 | 15.1  | 3.2  |
| 57 Simotic chord (SC) | 12 | 11 | - | 9.15 | - | - | - | - | - | - | - | - | - | - | 9 | - | 11 | 11 | 12 | 9.4 | 8.1 | 8.9 | 9.7 | 2 | 9.3  | 0.6  | 4 | 9.8  | 1.5  | 4 | 10.5  | 1.5  |
| 57a Simotic subtense (SS) | 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.5 | - | 4.4 | 4.4 | - | 2.8 | 2.4 | 5.3 | - | 1 | 5.3  | - | 3 | 3.8  | 1.2  | 3 | 2.9  | 0.5  |
| 46b Zygomaxillary chord (ZC) | - | - | - | 103 | - | - | - | - | 93 | - | - | - | - | - | 94 | - | 100 | 100 | - | 97 | 90 | 96 | 104 | 2 | 100.0  | 5.7  | 3 | 97.7  | 7.0  | 3 | 94.9  | 1.9  |
| 46c Zygomaxillary subtense (ZS) | - | - | - | 20.6 | - | - | - | - | 11 | - | - | - | - | - | 18 | - | 19 | 19 | - | 18 | 19 | 21 | - | 1 | 21.0  | - | 3 | 19.2  | 1.2  | 3 | 16.0  | 4.0  |
| 66.Bigonial breadth  | - | - | 99  | 104  | - | - | - | - | - | - | - | - | - | - | 114 | - | - | - | - | - | - | - | - | - | - | - | 2 | 101.5  | 3.5  | 1 | 113.6  | - |
| 68 Mandibular length | - | - | 84 | 76 | - | - | - | - | - | - | - | - | - | - | 82 | - | - | - | - | - | - | - | - | - | - | - | 2 | 80.0  | 5.7  | 1 | 82.0  | - |
| 69. Symphyseal height | - | - | - | 33 | - | - | - | - | - | - | - | 30 | - | - | - | - | - | - | - | - | - | 37 | - | 1 | 37.0  | - | 1 | 33.0  | - | 1 | 30.0  | - |
| 70.Ramus height | - | - | 67 | 76 | - | - | 58 | - | - | - | - | - | - | - | 60 | - | - | - | - | - | - | 60 | - | 1 | 60.0  | - | 3 | 66.9  | 9.2  | 1 | 60.3  | - |
| 71.Ramus breadth | - | - | 43 | 37 | - | - | 36 | - | - | - | - | - | - | - | 40 | - | - | - | - | - | - | 39 | - | 1 | 39.0  | - | 3 | 38.8  | 3.7  | 1 | 40.3  | - |