**Table S5:** Corresponding cephalometric measurements and tooth-size ratios in previous Middle Eastern studies on Class II-1 malocclusion.

|  |  |
| --- | --- |
| **Cephalometric measurements** | **Means (95% CIs for means)** |
| **Nationality & Series / Variables** | **A-NP (mm)** | **Pog-NP (mm)** | **MP-FH (°)** | **1U-AP (mm)** | **1L-APog (mm)**  | **NLA (°)** | **UPh (mm)** | **LPh (mm)** |
| **Turkish** (Sayın & Türkkahraman, 2005) | F | 0.9(-0.2, 2.0) | -10.6(-13.2, -8.0) | 28.3(25.9, 30.7) | 5.9(5.1, 6.7) | 2.2(1.3, 3.1) | - | - | - |
| **Iraqi**(Ali, 2014) | M | 2.2(2.0, 2.5) | -7.4(-8.1, -6.6) | 34.0(33.0, 34.9) | 8.5(7.9, 9.0) | 2.8(2.4, 3.2) | - | 13.4(12.6, 14.2) | 9.8(9.2, 10.4) |
| F | 2.7(2.5, 2.9) | -8.7(-9.5, -7.8) | 34.6(32.9, 36.3) | 7.6(6.9, 8.4) | 2.8(2.5, 3.1) | - | 13.2(12.5, 13.9)  | 8.4(7.8, 9.0) |
| **Egyptian**(ElAbbasy, 2019) | F | 0.7(-1.3, 2.7) | -5.5(-8.9, -2.1) | - | - | - | - | - | - |
| **Saudi**(Al Jundi & Riba, 2014) | M | - | - | - | - | 3.4(2.9, 3.8)  | - | - | - |
| F | - | - | - | - | 3.5(3.1, 3.8) | - | - | - |
| **Egyptian**(Fouda, Hafez & Al-Awdi, 2017) | M+F | - | - | **-** | **-** | - | 123.8(118.9, 128.6) | - | - |
| **Iraqi\***(Mohammed, Nissan & Taha, 2013) | M | - | - | **-** | **-** | - | 105.1(104.2, 105.9) | - | - |
| F | - | - | **-** | **-** | - | 110.6 (109.6, 111.6) | - | - |
| **Turkish\***(Gulsen et al., 2006) | M+F | - | - | **-** | **-** | - | 108.5(105.3, 111.7) | - | - |
| **Iranian\***(Gholinia, Habibi & Amrollahi Boyouki, 2019)  | M+F | - | - | **-** | **-** | - | - | - | 9.6(8.4, 10.9) |
|  |  |
| **Tooth-size ratios** | **Means (95% CIs for means)** |
| **Nationality & Series / Variables** | **Anterior ratio** | **Overall ratio** |
| **Egyptian\***(Ali, El-Shorbagy & Elliathy, 2016) | M | 78.7 (77.7, 79.7) | 92.5 (91.9, 93.1) |
| F | 78.4(77.6, 79.1) | 91.9(91.2, 92.6) |
| **Saudi**(Asiry & Hashim, 2012) | M | 77.9 (77.1, 78.7) | 92.1 (91.3, 92.8) |
| F | 77.4(76.2, 78.6) | 91.8(91.0, 92.6) |
| **Iranian** (Mollabashi et al., 2019) | M+F | 78.5(77.8, 79.3) | 91.6(91.0, 92.2) |

**CIs=confidence intervals, M=males, F=females**

**\*Class II malocclusion**