

Supplementary Table 1. Bland-Altman Analysis with Slope from the Linear Regression between the Estimated Bone Ages and Chronological Age, According to Each Sex (Girls and Boys) and Hospital (Asan Medical Center and PNUYH)

| Sex or hospitals | Measurements | Mean difference | Standard deviation | Slope | Intercept |
|-----------------------|----------------------|-----------------|--------------------|-------|-----------|
| Chronological age vs. | | | | | |
| Boys | Radiologist 1 | -0.9313 | 17.43 | -0.18 | 21.00 |
| | Radiologist 2 | 0.9656 | 17.46 | -0.17 | 22.00 |
| | Original DLBAA model | -2.5115 | 15.22 | -0.15 | 16.00 |
| | Modified DLBAA model | -2.1718 | 15.38 | -0.15 | 16.00 |
| Girls | Radiologist 1 | -3.7713 | 14.75 | -0.13 | 11.00 |
| | Radiologist 2 | -2.1704 | 15.27 | -0.13 | 13.00 |
| | Original DLBAA model | -0.6054 | 13.84 | -0.07 | 7.90 |
| | Modified DLBAA model | -0.5022 | 13.19 | -0.06 | 7.10 |
| Asan Medical Center | Radiologist 1 | -1.5265 | 15.99 | -0.17 | 19.00 |
| | Radiologist 2 | 0.0000 | 15.98 | -0.15 | 18.00 |
| | Original DLBAA model | -1.1372 | 13.98 | -0.11 | 12.00 |
| | Modified DLBAA model | -0.8496 | 13.85 | -0.11 | 12.00 |
| PNUYH | Radiologist 1 | -2.8571 | 16.57 | -0.15 | 15.00 |
| | Radiologist 2 | -0.8919 | 17.05 | -0.15 | 17.00 |
| | Original DLBAA model | -2.0695 | 15.16 | -0.12 | 12.00 |
| | Modified DLBAA model | -1.8880 | 14.92 | -0.11 | 11.00 |

DLBAA, deep learning-based bone age assessment; PNUYH, Pusan National University Yangsan Hospital.