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Appendix. Subgroup Analyses of Distribution and Anchor-Based Minimal Important Differences in MSTS-93 and TESS scores

| Outcome Measure | Distribution Based MID | | Anchor-based MID |
|-------------------------|------------------------|------|------------------|
| MSTS-93 | | | |
| Male | 15.4 | 16.4 | 11.6 |
| Female | 16.1 | 16.8 | 12 |
| <18 years | 14.9 | 16.1 | 8.3 |
| 18-49 | 14.5 | 17.0 | 11.7 |
| >50 | 16.0 | 16.7 | 11.7 |
| Malignant Bone Tumor | 15.3 | 15.9 | 11.7 |
| Soft Tissue Sarcoma | 15.5 | 18.0 | 8.4 |
| Metastatic Bone Disease | 14.3 | 18.3 | 13.4 |
| Giant Cell Tumor | 13.3 | 14.2 | 16.7 |
| TESS | | | |
| Male | 13.7 | 14.0 | 8.1 |
| Female | 14.8 | 13.9 | 10.6 |
| <18 years | 11.5 | 11.6 | 12.5 |
| 18-49 | 13.3 | 15.2 | 11.5 |
| >50 | 15.0 | 14.3 | 10.5 |

| | | | |
|-------------------------|------|-------|------|
| Malignant Bone Tumor | 13.3 | 13.0 | 11.2 |
| Soft Tissue Sarcoma | 13.5 | 14.0 | 9.3 |
| Metastatic Bone Disease | 13.8 | 15.75 | 10.5 |
| Giant Cell Tumor | 15.0 | 15.4 | 18.5 |

MID = minimal important difference; MSTS-93 = Musculoskeletal Tumor Society Score;
TESS = Toronto Extremity Salvage Score; SD = Standard Deviation