Quantifying the local strain energy density distribution in the mouse tibia: the critical role of the loading direction

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Supplementary Material

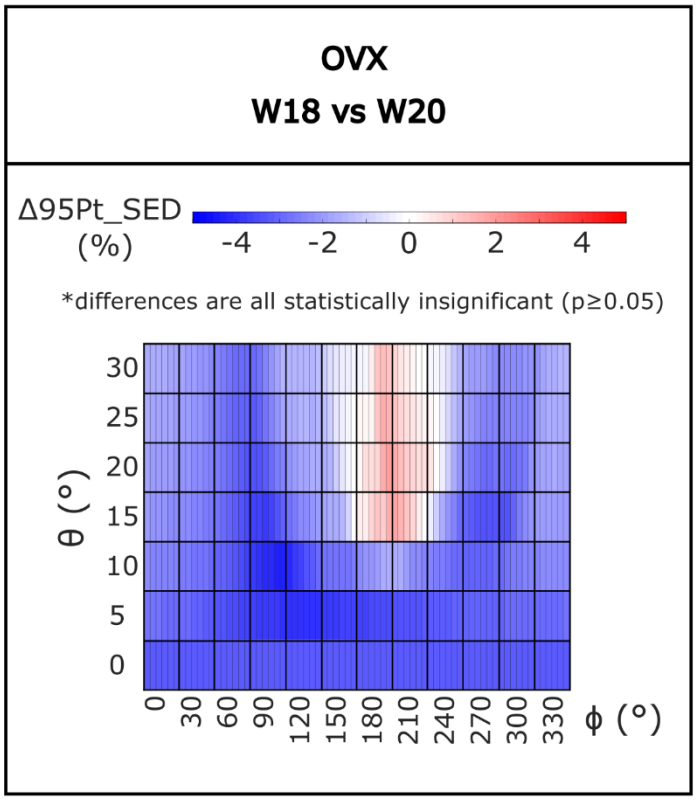

Fig. S1 *Heatmap of the percentage difference in the mean values of the median of the 95th-100th percentiles of the SED (Δ95Pt_SED) between time points (W18 vs W20) for the OVX group, calculated across the region of interest comprising of 10-90% of the cropped tibial length, for all loading directions (θ in range $0 - 30°$, ϕ in range $0 - 355°$). Differences are all statistically insignificant (Wilcoxon test, $p \geq 0.05$). OVX, ovariectomy; W18, week 18; W20, week 20*