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Supplementary Figure S1. Predicted relative proportions and standard error of the mean of T cell, B cell, natural killer (NK) cell, and dendritic cell (DC) CIBERSORTx cellular fractions in failed arthroplasties due to periprosthetic joint infection failure (PJIF) and non-infectious arthroplasty failure (NIAF) sonicate fluids. Groups shown include: (A) Total T cells, (B) T cells CD4+-naïve, (C) T cells CD4+ memory-resting, (D) T cells CD4+ memory-activated, (E) T cells CD8+, (F) T cells regulatory (Tregs), (G) T follicular helper cells (Tfh), (H) T cells gamma delta, (I) total B cells, (J) B cells-naïve, (K) B cells-memory, (L) plasma cells, (M) NK cells-resting, (N) NK cells-activated, (O) DCs-resting, and (P) DCs-activated. Statistical significance was determined via Welch’s 2-sample t-test. Data depicted are from subjects with NIAF (n=40) and PJIF (n=53).
Supplementary Figure S2. Predicted relative proportions and standard error of the mean of macrophage/monocyte and granulocyte CIBERSORTx cellularity fractions in failed arthroplasties due to periprosthetic joint infection failure (PJIF) and non-infectious arthroplasty failure (NIAF) sonicate fluids. Groups shown include: (A) Total macrophages/monocytes, (B) M0 macrophages, (C) M1 macrophages, (D) M2 macrophages, (E) monocytes, (F) total granulocytes, (G) neutrophils, (H) eosinophils, (I) mast cells-resting, and (J) mast cells-activated. Statistical significance was determined via Welch’s 2-sample t-test. Data depicted are from subjects with NIAF (n=40) and PJIF (n=53).