

Functional Activation of Osteoclast Commitment in Chronic Lymphocytic Leukaemia: a Possible Role for RANK/RANKL Pathway.

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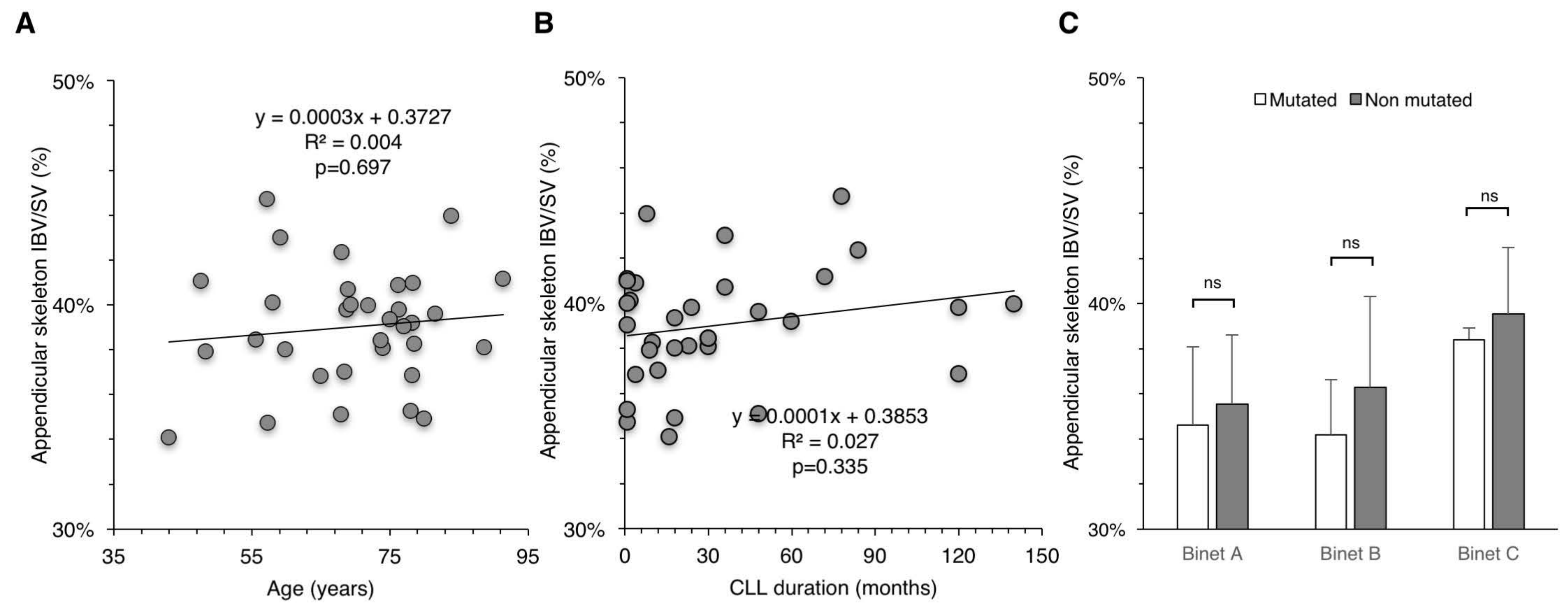
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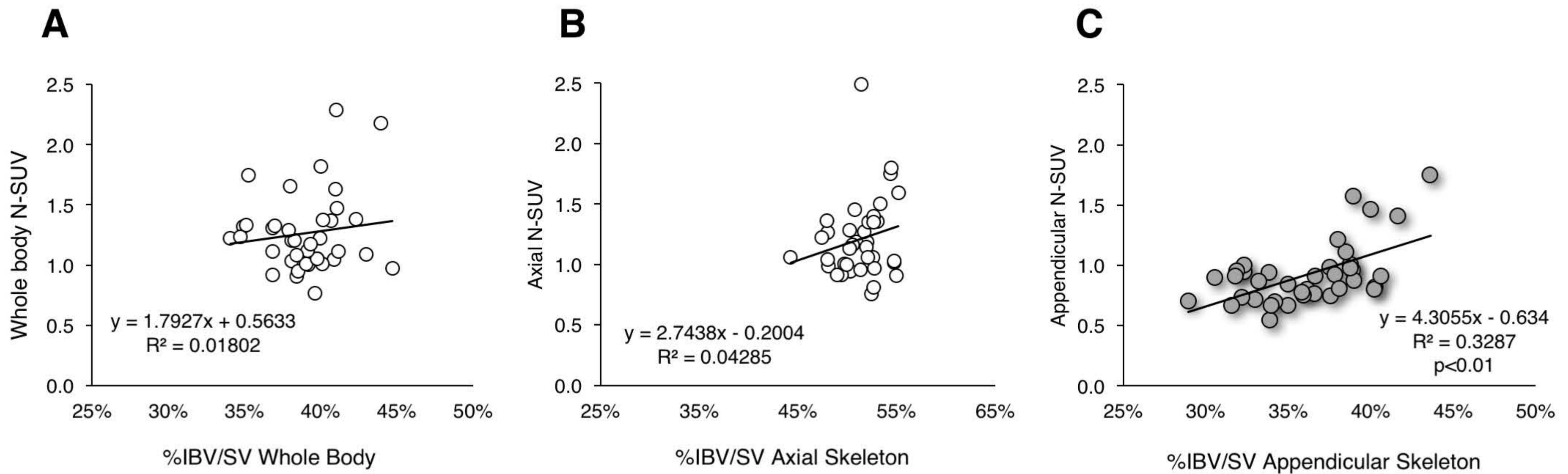
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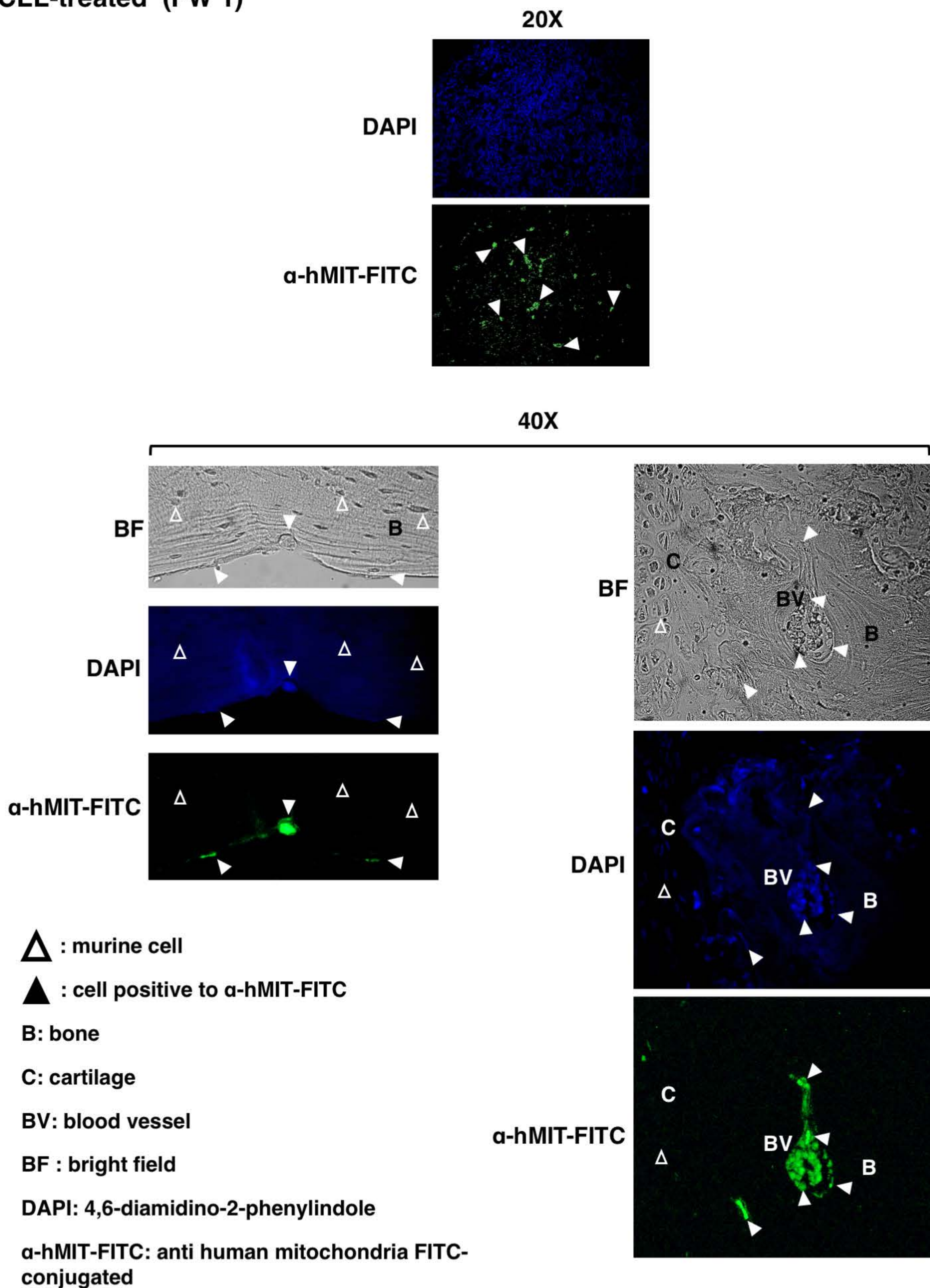


Lack of correlation between IBV/SV ratio in the appendicular skeleton (Y axis) and patient age (panel A), time gap between disease diagnosis and study date (panel B). Similarly, as displayed in panel C, <2% cells with IgHV mutation (grey columns, non mutated) did not identify a higher bone erosion with respect to low risk pattern.

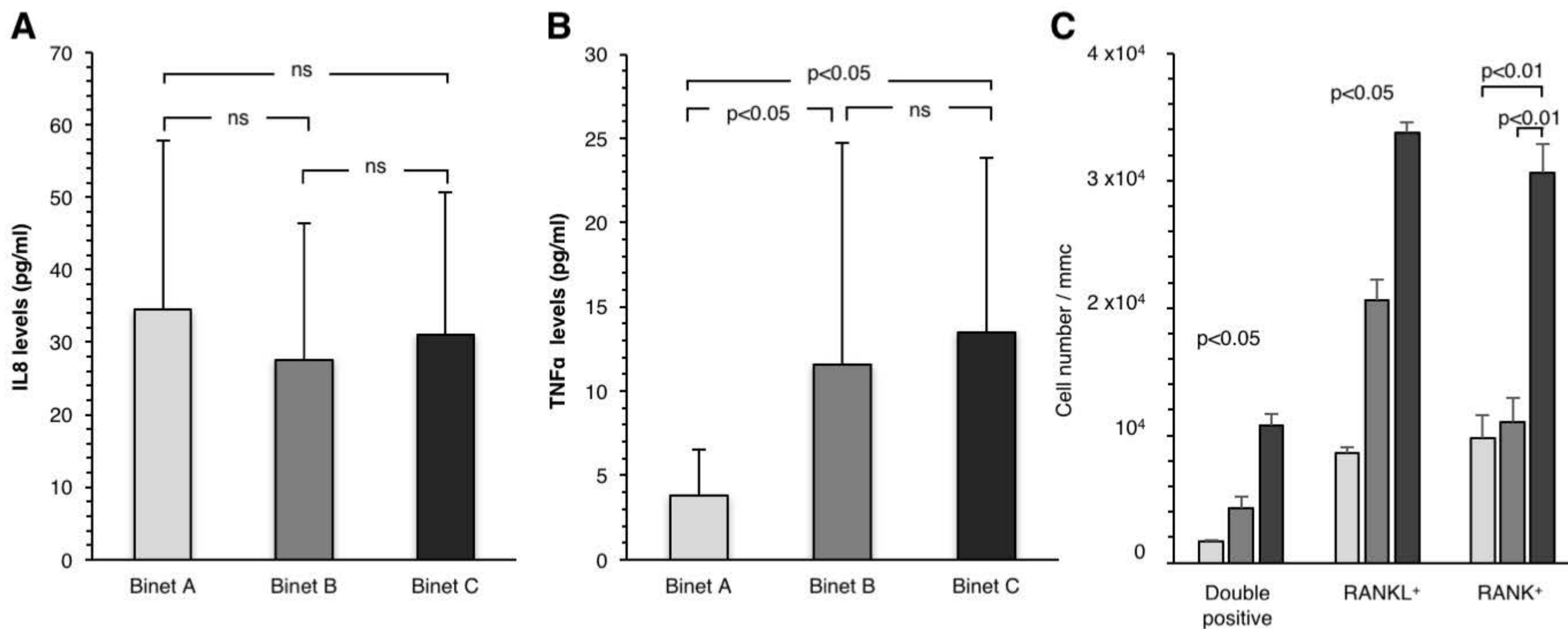


The metabolic activation of RBM was not related to bone erosion, estimated by IBV/SV ratio, when the whole (panel A) or axial skeleton (Panel B) were analysed. By contrast, these two variables were strictly correlated within the appendicular bones (Panel C).

CLL-treated (FW 1)



Supplementary Figure 3: Immuno-fluorescence images of a xenograft CLL untreated mouse. At small magnification, imaging with 4,6-diamidino-2-phenylindole (DAPI) and α-hMIT-FITC: anti human mitochondria FITC-conjugated documents the presence of human mitochondria among nucleated cells in mouse bone marrow. This localization is confirmed a higher magnification (40x) in which mouse and human cells are identified.



Serum levels of IL8 (panel A) and TNF α (panel B) in Binet A, B and C patients (means \pm standard deviation). Panel C displays means and SEM values of total number of peripheral blood RANK $^+$, RANKL $^+$ and double positive (DP) leukemic cells/mmc, reported separately for Binet A (pale grey), B (grey) or C (dark grey) patients;