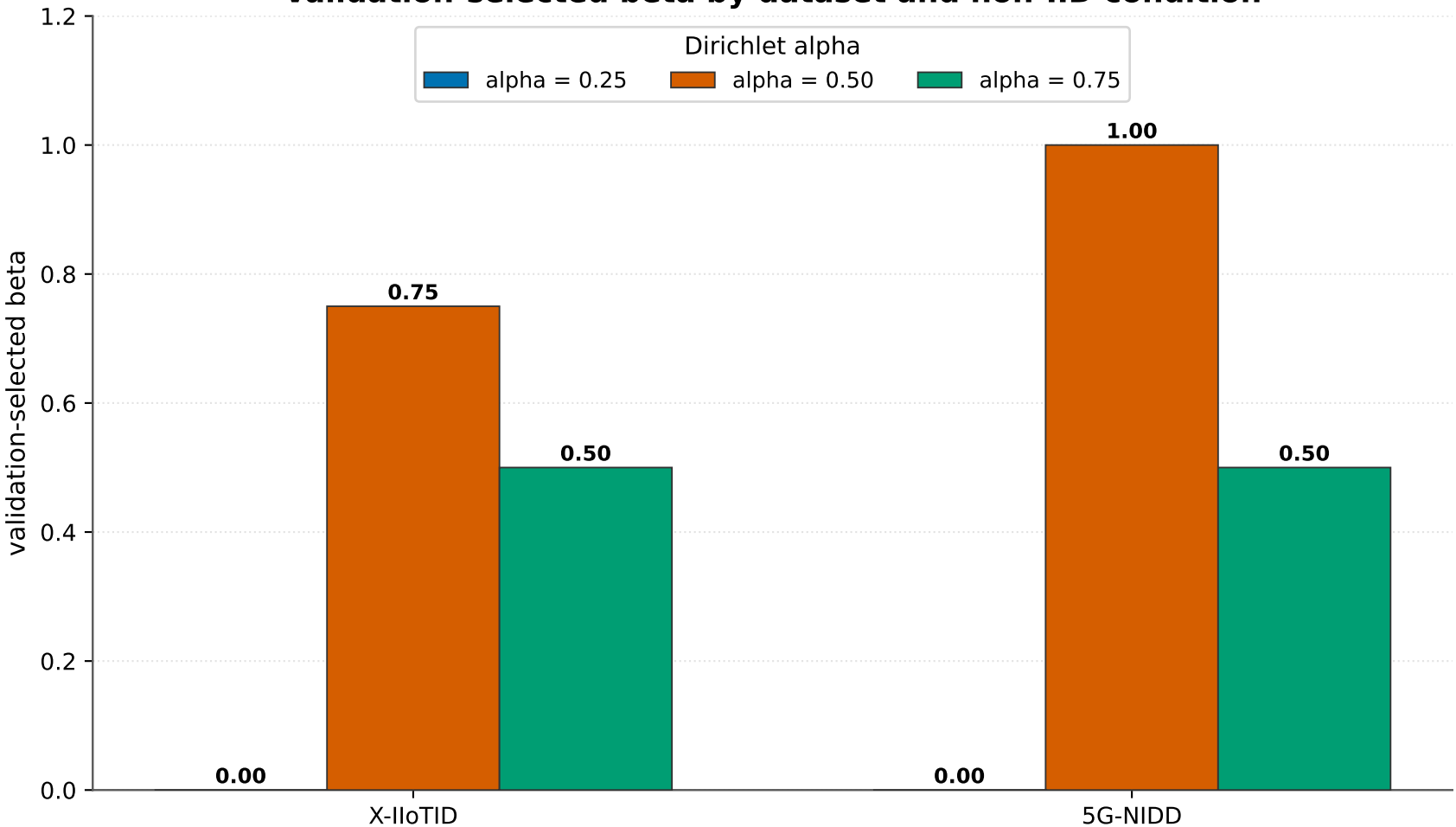


Selection = best among the tested candidates {0, 0.25, 0.50, 0.75, 1.00} under pooled validation per-client-mean rare-class macro-F1 (support_weighted). This is a selection surface, not a performance comparison; a higher beta is not automatically better.