

Supplementary file to Aradi et al. “Inter-patient variability and impact of proton pump inhibitors on platelet reactivity after prasugrel” (Thromb Haemost 2012; 107.2)

Figures 2-5 from the manuscript are displayed here in colour.

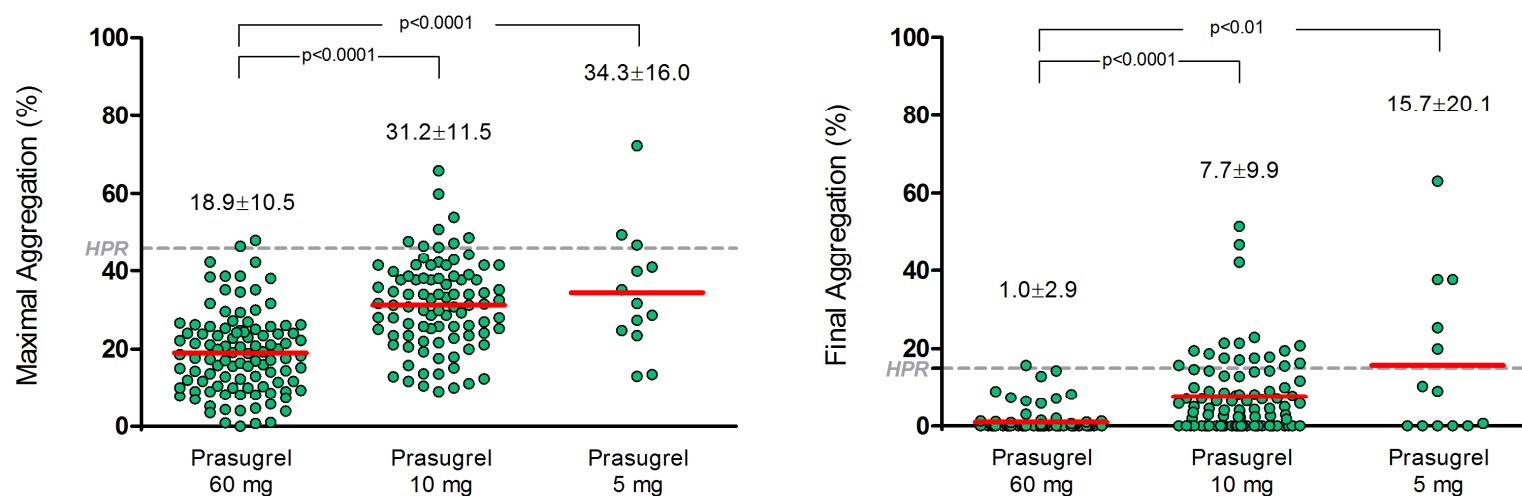


Figure 2: **Inter-individual differences in plasma aggregometry estimates after various doses of prasugrel.** The figure shows ADP 5 μ M-stimulated maximal (A) and 6-min late (B) individual platelet aggregation values in response to 60, 10 and 5 mg prasugrel evaluated by light transmission aggregometry (LTA). Red lines represent mean values; dashed lines indicate the cutoffs for high platelet reactivity (HPR).

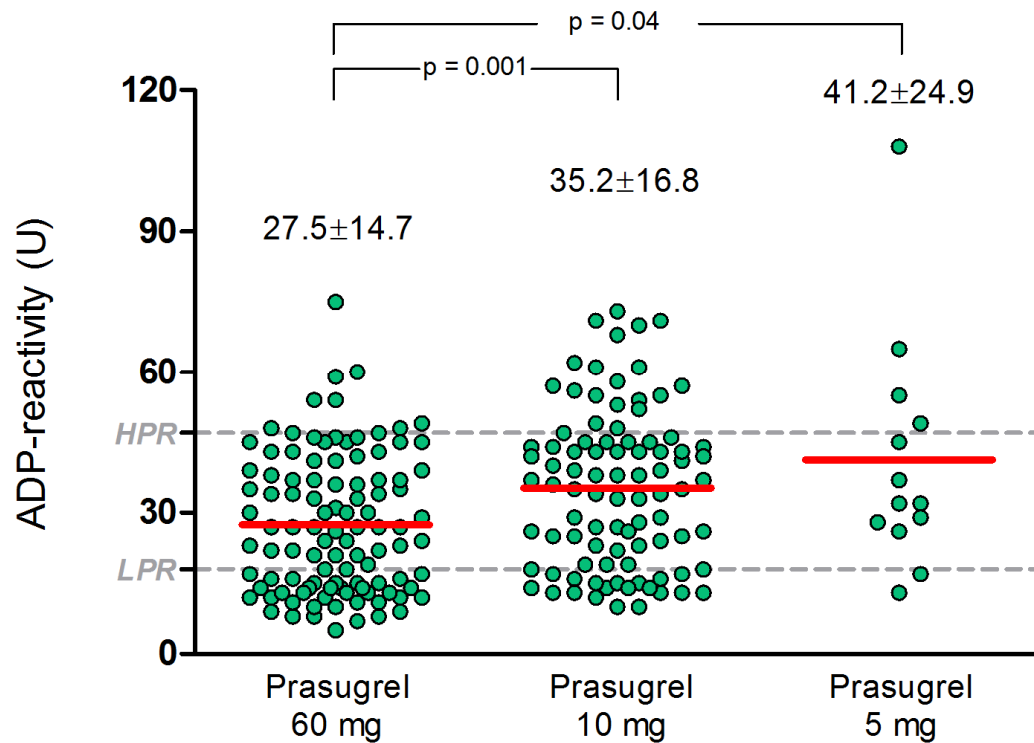


Figure 3: **Inter-individual differences in whole-blood platelet aggregation after prasugrel.** The figure depicts whole-blood ADP-reactivity values assessed with the Multiplate analyzer after loading and both maintenance doses of prasugrel. Red lines represent mean values; dashed lines indicate the cutoff for high platelet reactivity (HPR: hypothesised limit for ischemic events) and low platelet reactivity (LPR: hypothesised cutoff for bleeding events).

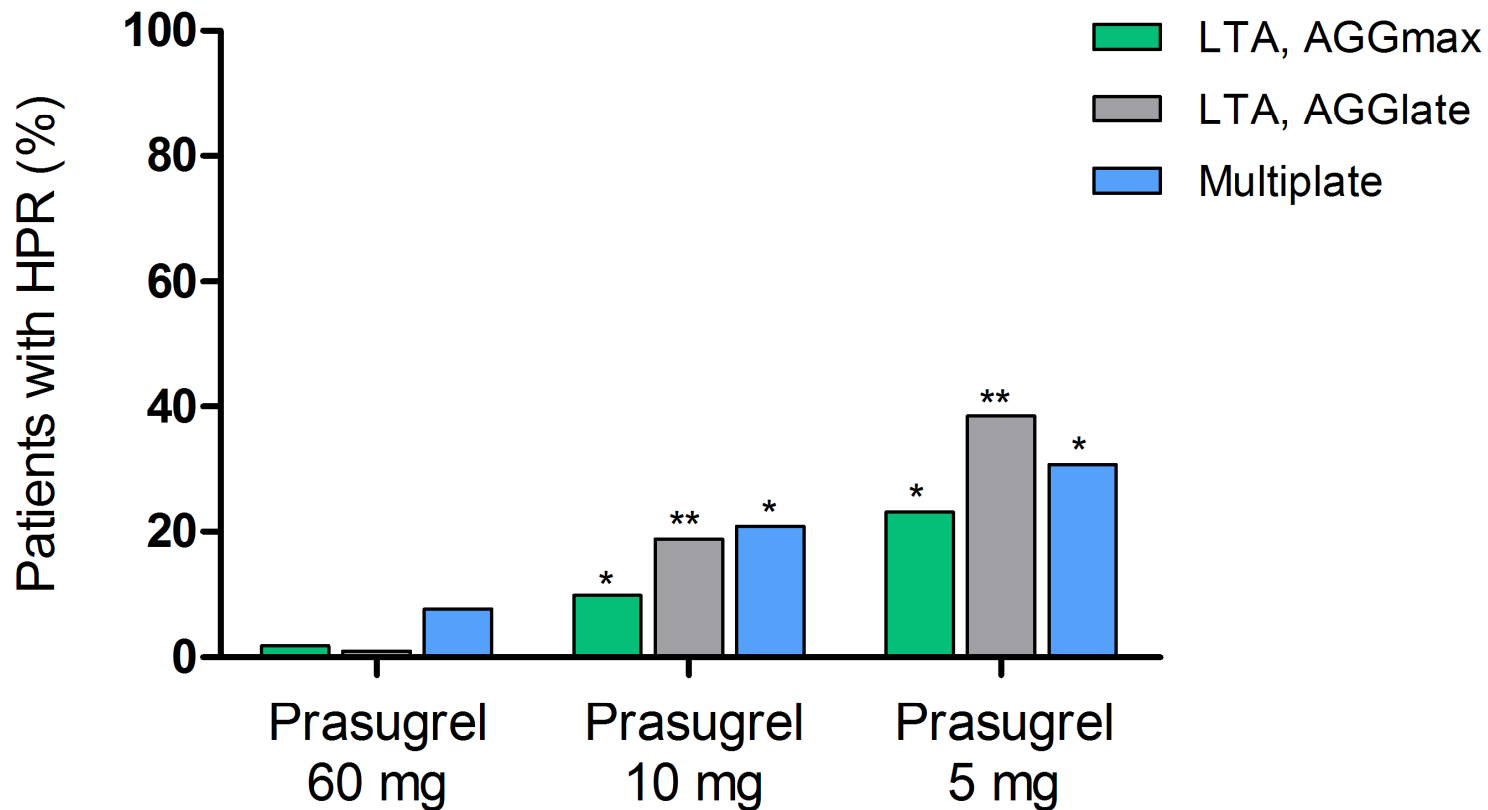


Figure 4: **Prevalence of high platelet reactivity after prasugrel.** The figure depicts patients with high platelet reactivity (HPR) after different doses of prasugrel. AGGmax: 5- μ M ADP-induced maximal aggregation; AGGlate: 5 μ M ADP-induced 6-min late aggregation; LTA: light transmission aggregometry. *: $p < 0.05$, **: $p < 0.001$.

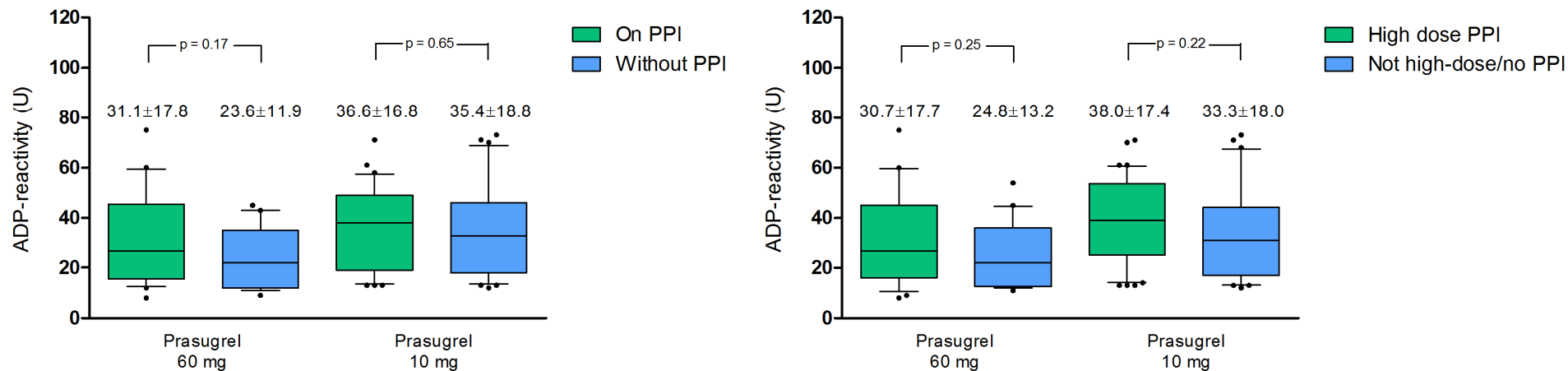


Figure 5: Platelet aggregation values after prasugrel stratified according to proton pump inhibitor (PPI) administration. The figure depicts whole-blood ADP-reactivity values measured with the Multiplate impedance aggregometer after 60 mg loading dose or during maintenance phase on 10 mg prasugrel. Panel A shows stratification according to PPI usage, while patients with high-dose PPI were compared to subjects using not high dose or no PPI in panel B. High dose PPI was defined as a daily dose of at least 80 mg pantoprazole or 40 mg esomeprazole.