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| **Supplement 1: Pearson's Correlations of Rotational Thromboelastometry Clot Strength with Platelet Aggregometry** |
|  | Overall injured | Minor Injury, no shock | Minor injury, shock | Severe injury, no shock | Severe injury, shock |
|  |   | (ISS≤25, BE>-6) | (ISS≤25, BE≤-6) | (ISS>25, BE>-6) | (ISS>25, BE≤-6) |
| **Correlation with baseline electrical impedance** | 0.09 | -0.03 | 0.23 | 0.24 | 0.16 |
| **Correlation with adenosine diphosphate** | **0.45\*** | **0.37\*** | **0.44\*** | **0.57\*** | **0.58\*** |
| **Correlation with thrombin** | **0.36\*** | **0.33\*** | **0.27\*** | **0.49\*** | **0.52\*** |
| **Correlation with** **collagen** | **0.30\*** | **0.16\*** | **0.39\*** | **0.43\*** | **0.50\*** |
| **Correlation with arachidonic acid** | **0.45\*** | **0.35\*** | **0.49\*** | **0.55\*** | **0.64\*** |
| **\*Bolded: p<0.05** for correlation of EXTEM maximum clot firmness (millimeters-mm) by rotational thromboelastometry extrinsic channel with platelet aggregometry measures (Ω and AUC).  |