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Unnithan, VB, Rowland, T, George, KP, Bakhshi, A, Beaumont, A, Sculthorpe, N, Lord, RN and Oxborough, D

Effect of long-term soccer training on changes in cardiac function during exercise in elite youth soccer players

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Figures

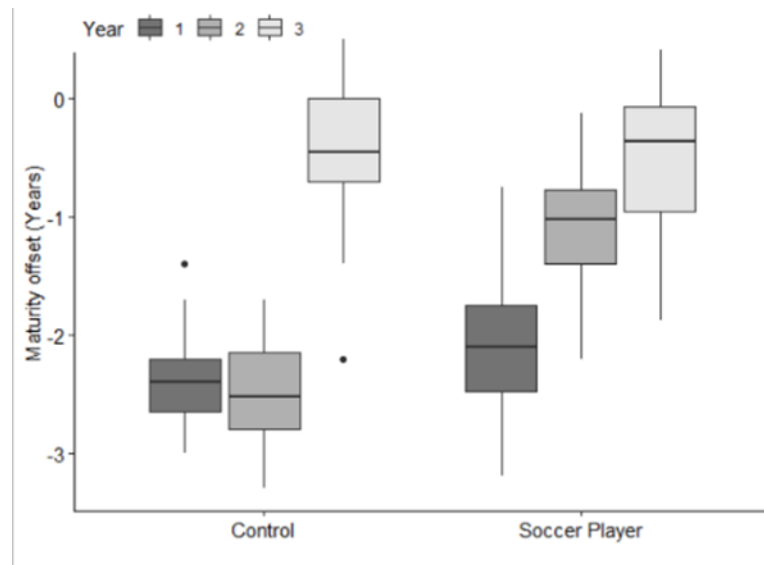


Figure 1: Changes in maturity offset across the 3-year observational study. All values are median and inter-quartile range.

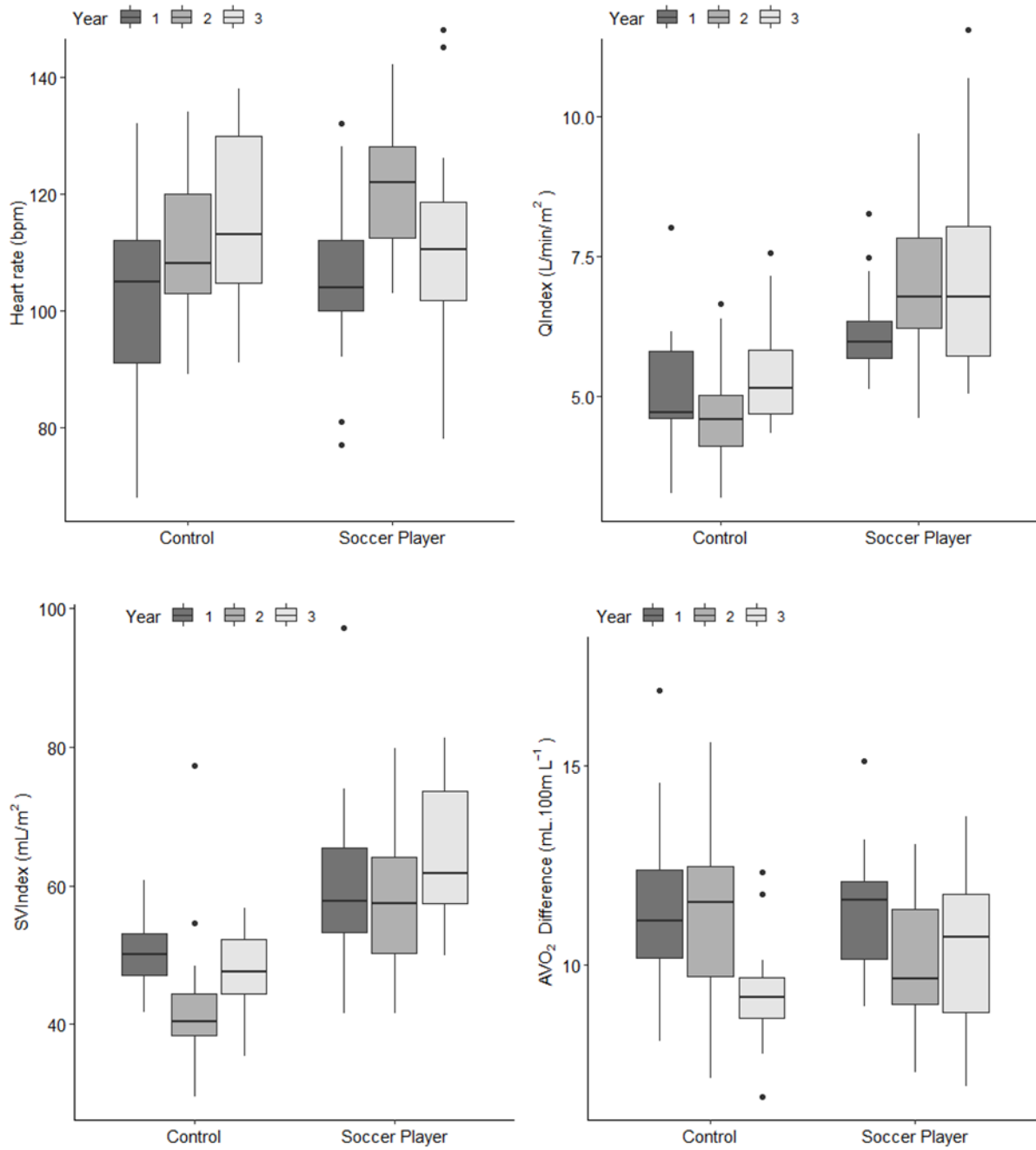


Figure 2: Changes in heart rate (HR), cardiac index (QIndex), stroke volume index (SVIndex) and arterial-venous oxygen difference (AVO₂ difference) at approximately 45% $\dot{V}O_{2peak}$ in the control participants and soccer players over the course of the 3-year observational study. All values are median and inter-quartile range.

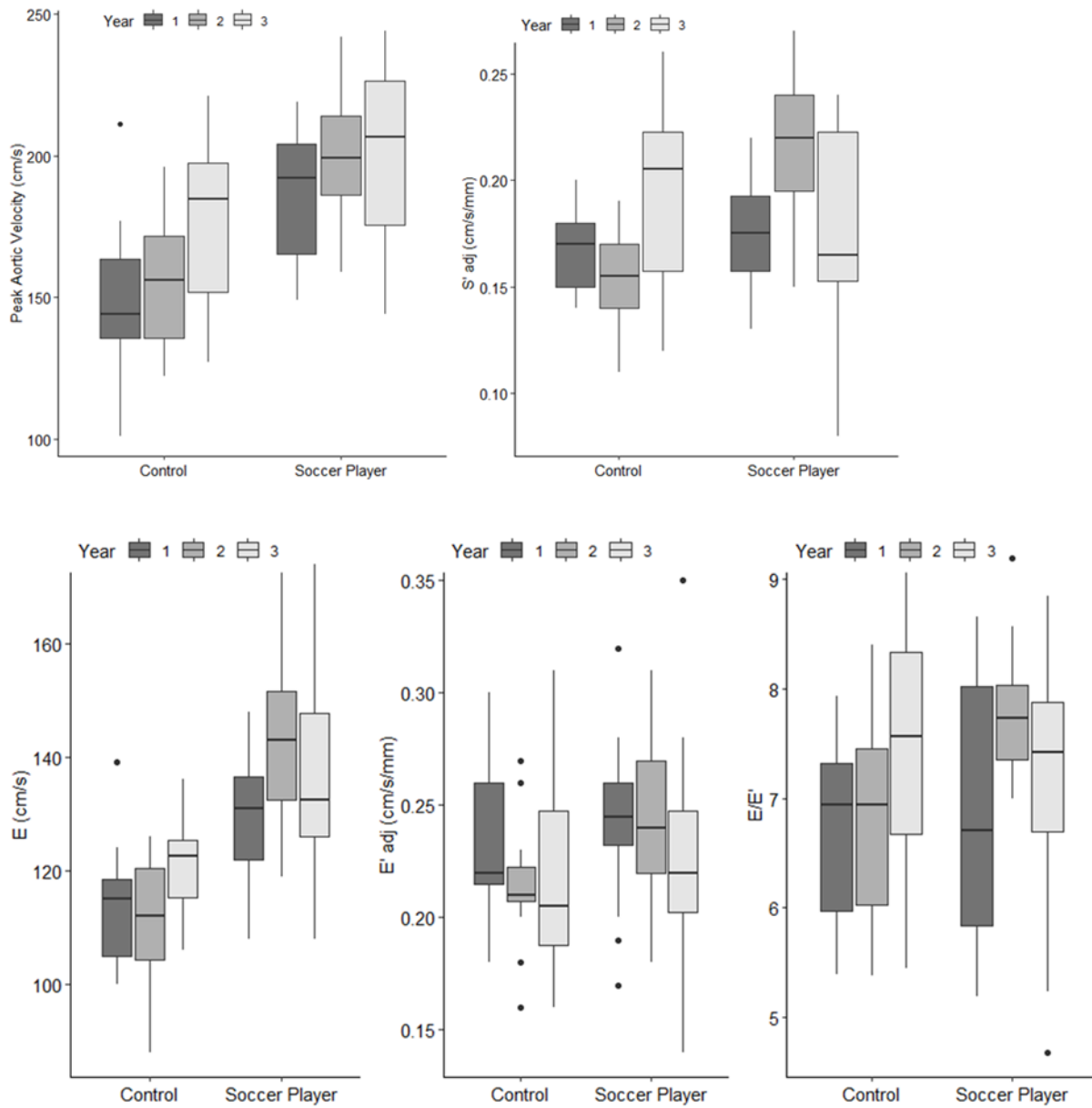


Figure 3: Changes in TDI derived markers of systolic (peak aortic velocity and S'_{adj}) and diastolic function (E , E'_{adj} and E/E') during submaximal exercise at approximately $45\% \dot{V}O_{2peak}$ in the control participants and soccer players over the course of the 3-year observational study. All values are median and inter-quartile range.