

Supplementary Materials

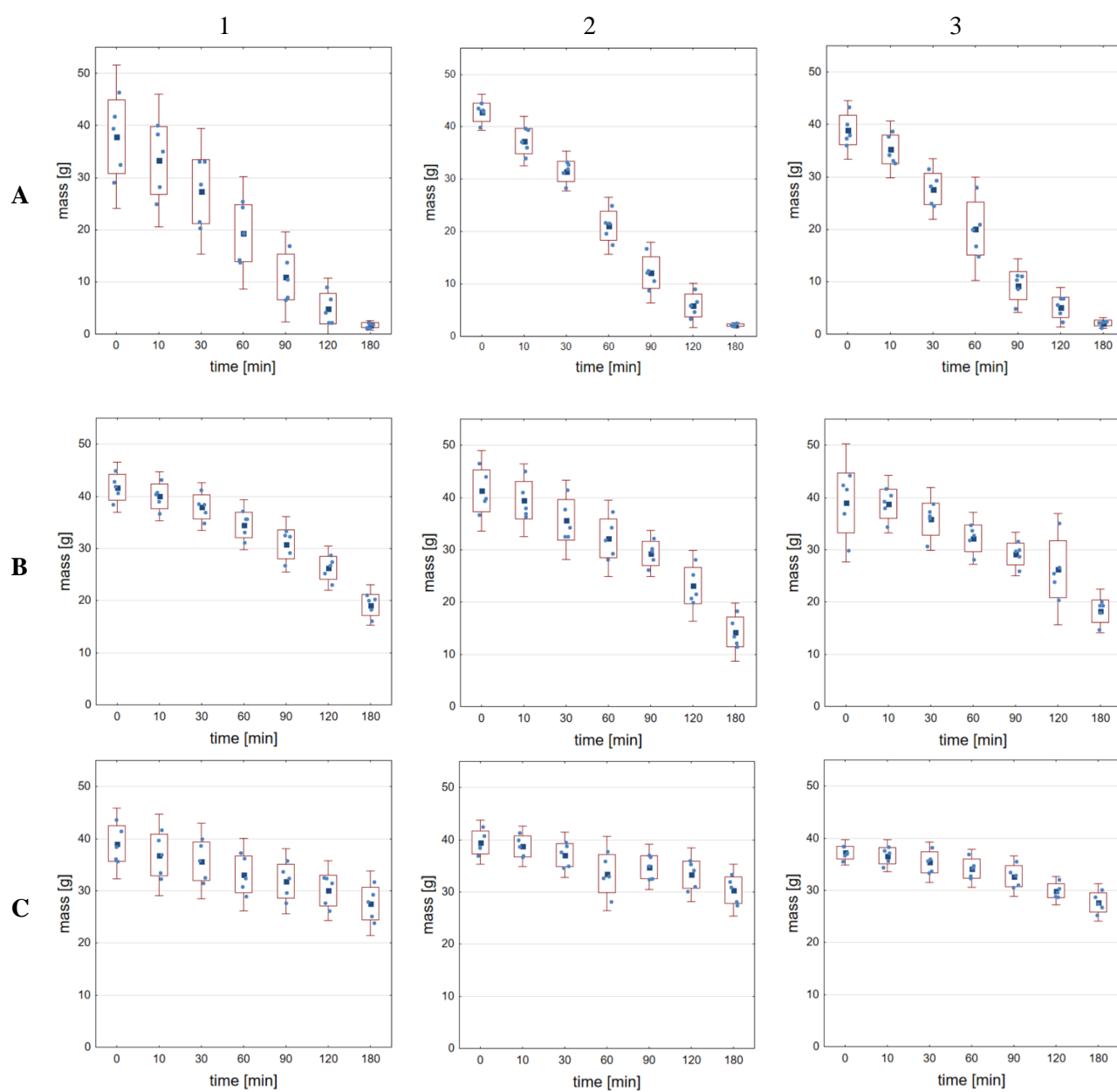


Figure S1. Mass changes during different type of drying process of alginate hydrogel ((A)–23°C, 45% humidity, (B)–7°C, 50% humidity, (C)–7°C, 95% humidity) for 0.1 M of CaCl₂ concentration in dependence on cross-linking time (1–10 min, 2–20 min and 3–40 min).

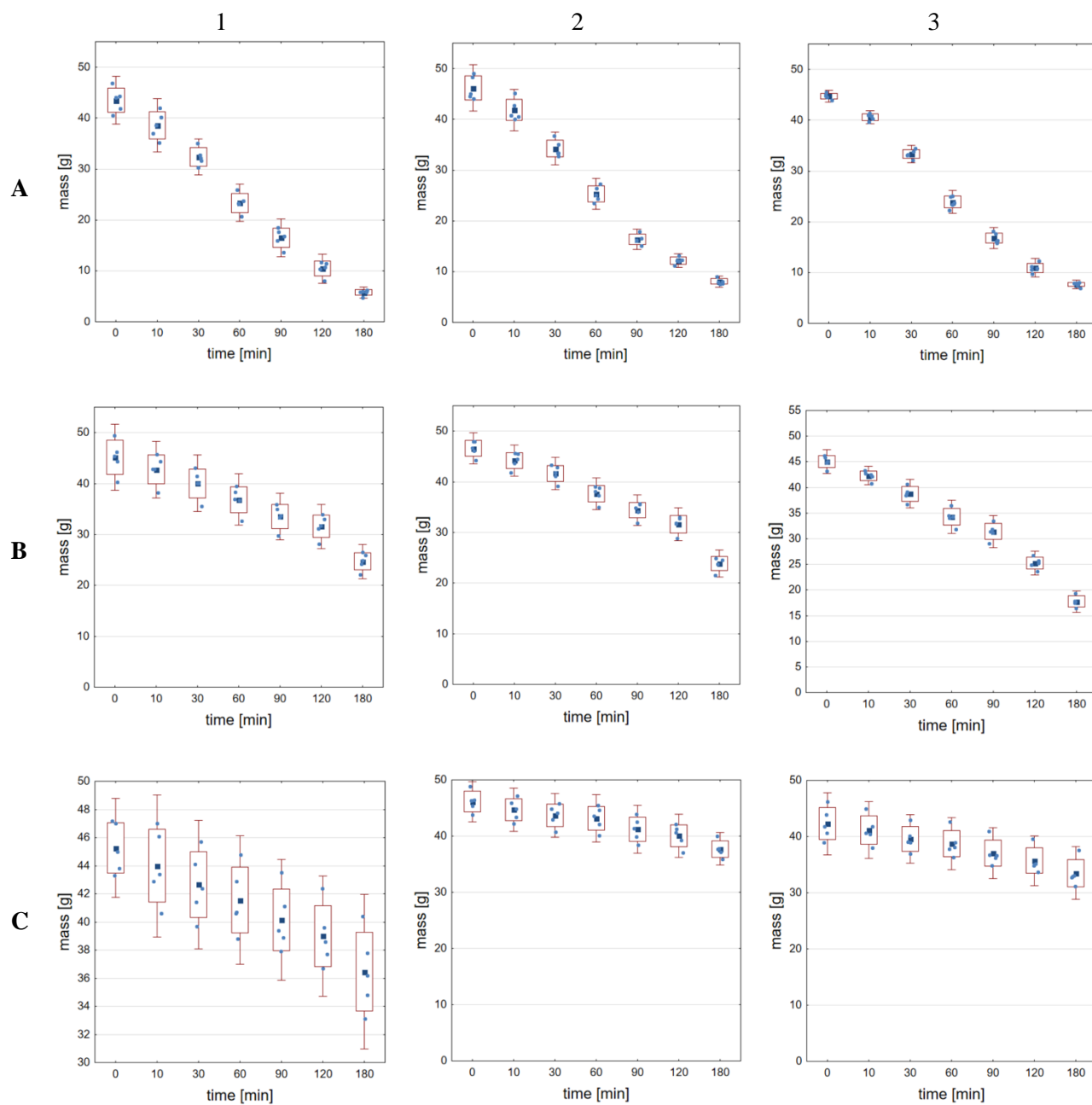


Figure S2. Mass changes during different type of drying process of alginate hydrogel ((A)–23°C, 45% humidity, (B)–7°C, 50% humidity, (C)–7°C, 95% humidity) for 0.5 M of CaCl_2 concentration in dependence on cross-linking time (1–10 min, 2–20 min and 3–40 min)

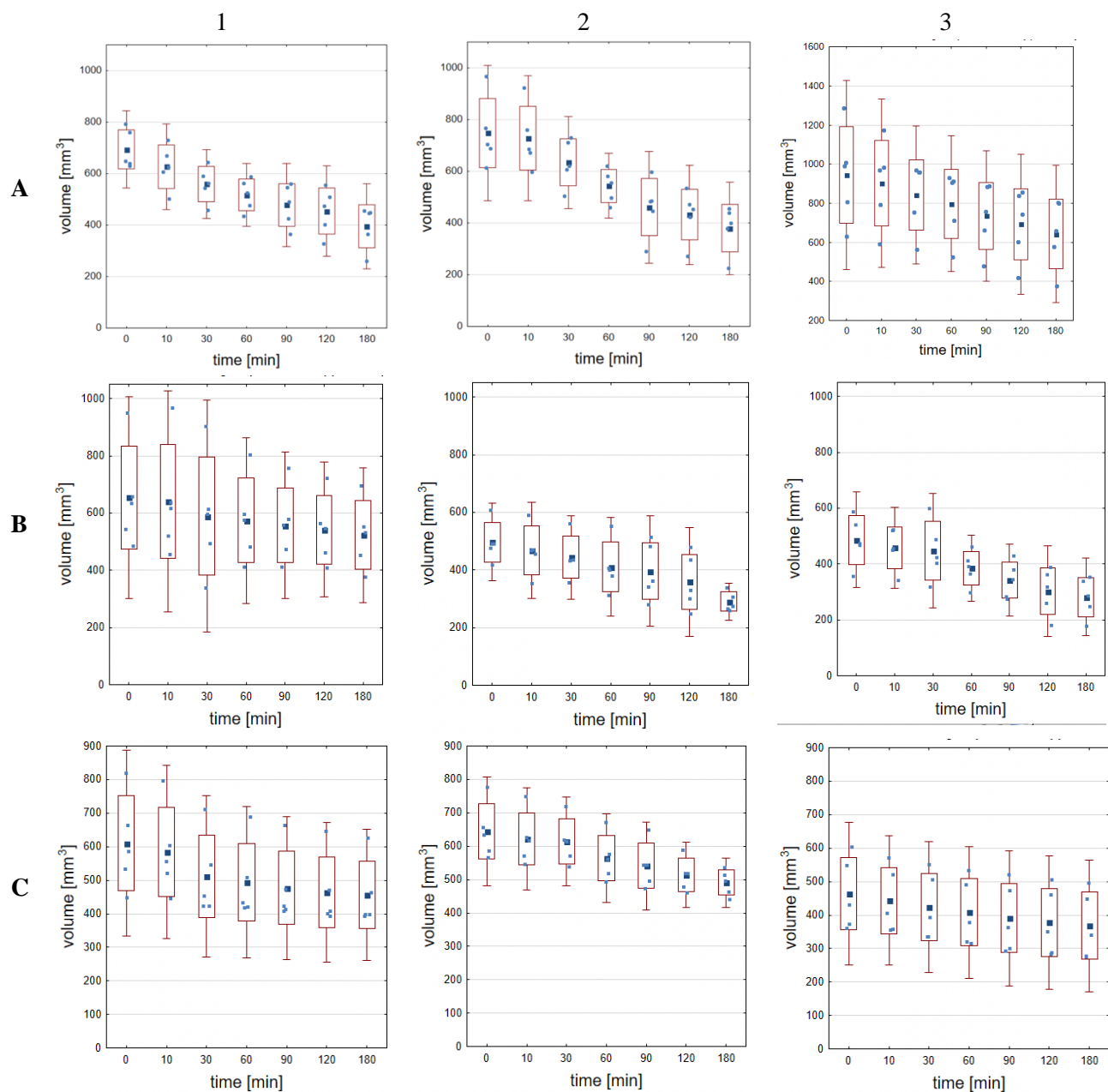


Figure S3. Dimensions changes during different type of drying process of alginate hydrogel ((A)–23°C, 45% humidity, (B)–7°C, 50% humidity, (C)–7°C, 95% humidity) for 0.1 M of CaCl_2 concentration in dependence on cross-linking time (1–10 min, 2–20 min and 3–40 min)

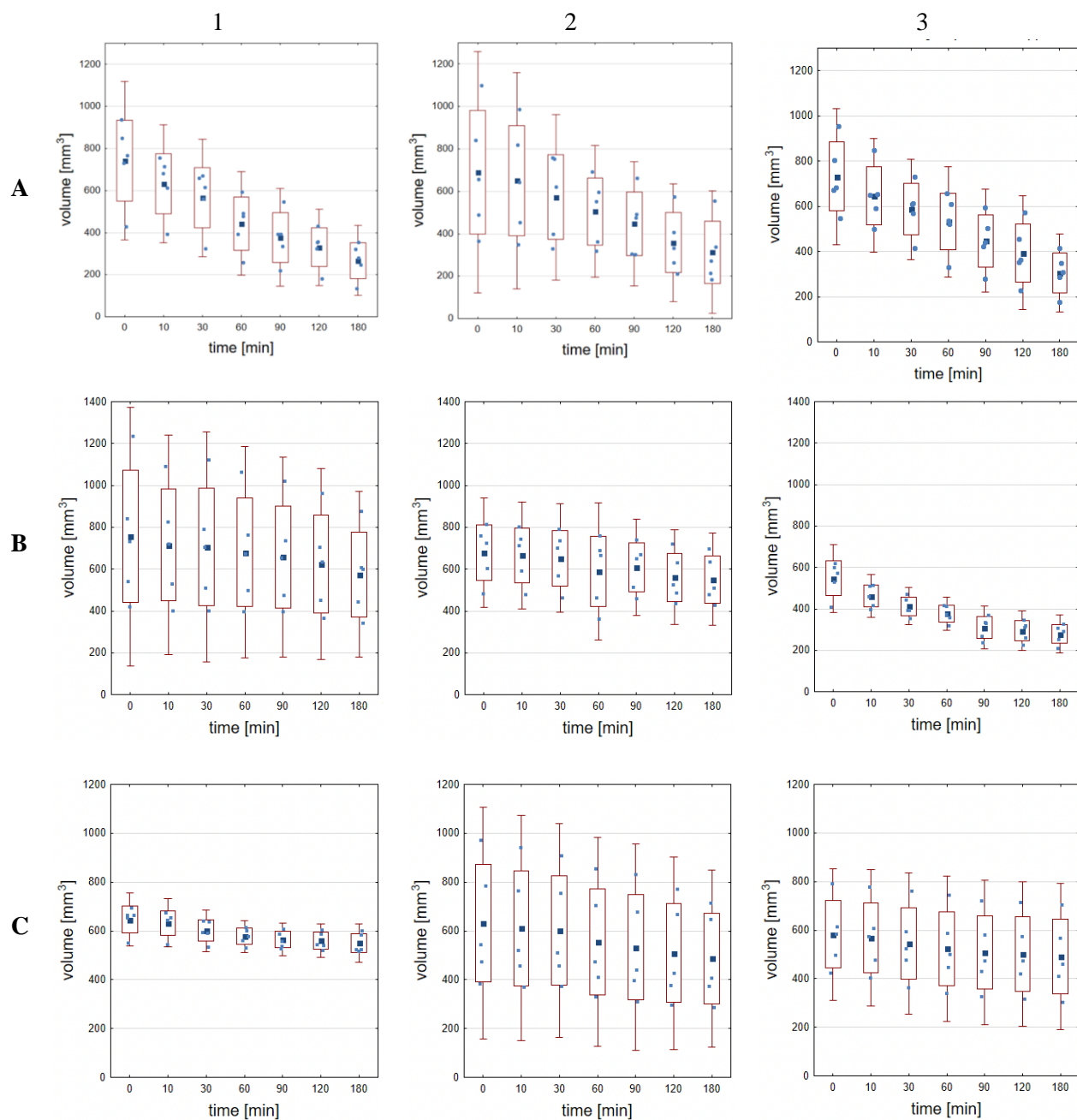


Figure S4. Dimensions changes during different type of drying process of alginate hydrogel ((A)– 23°C , 45% humidity, (B)– 7°C , 50% humidity, (C)– 7°C , 95% humidity) for 0.5 M of CaCl_2 concentration in dependence on cross-linking time (1–10 min, 2–20 min and 3–40 min).