Original signal —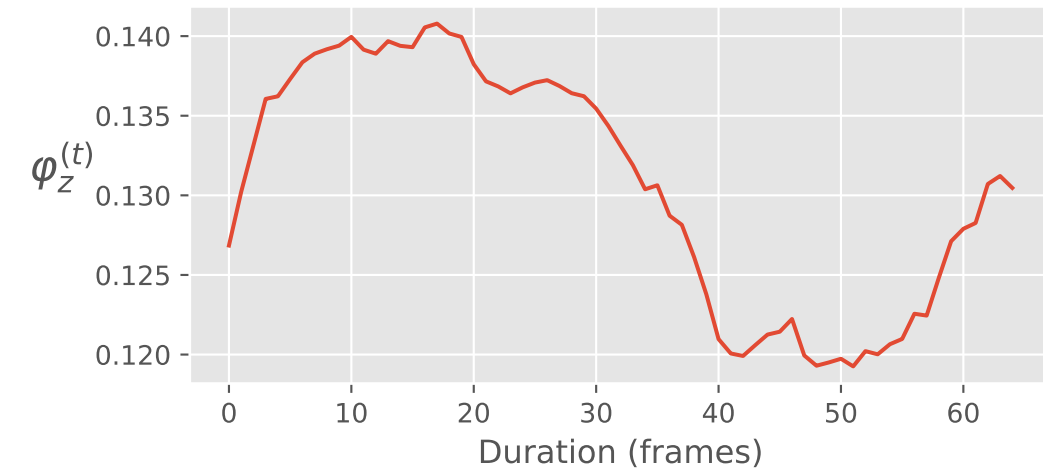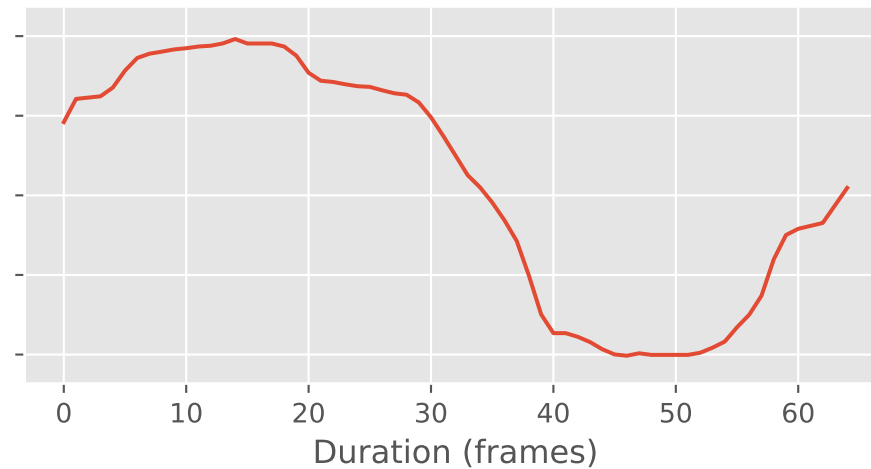 Filtered signal ($n = 10$) — Filtered signal ($n = 25$)