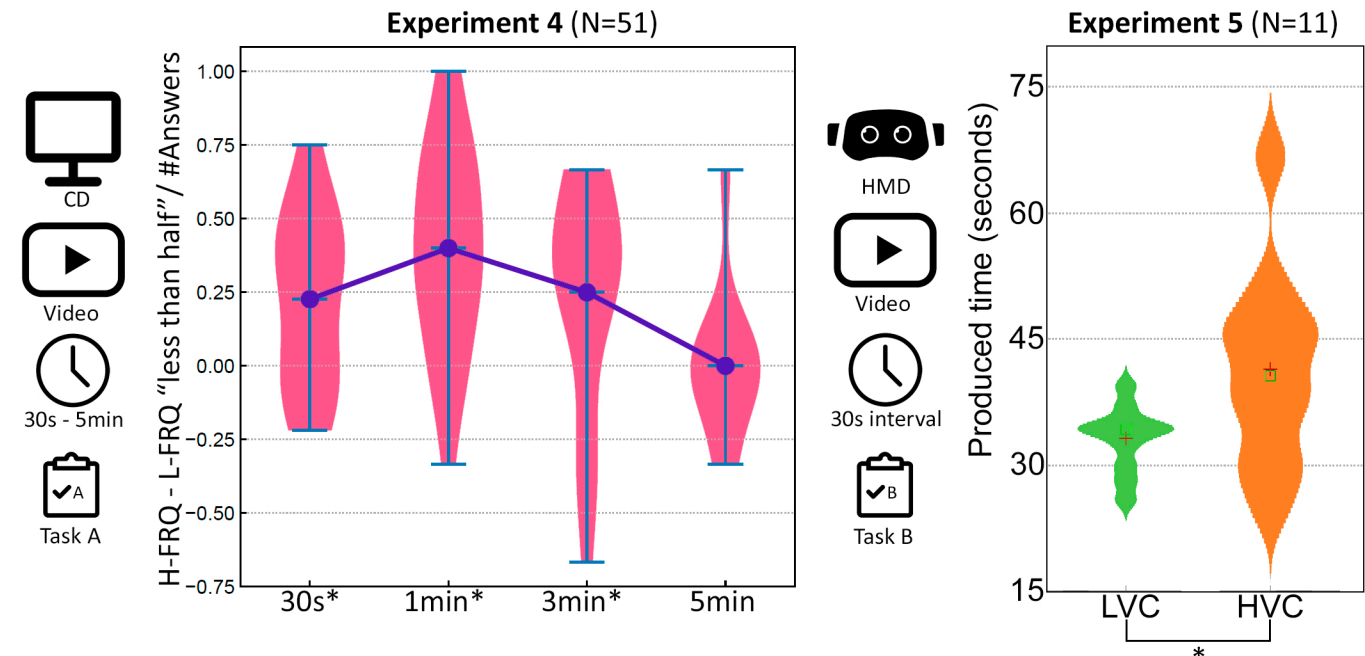
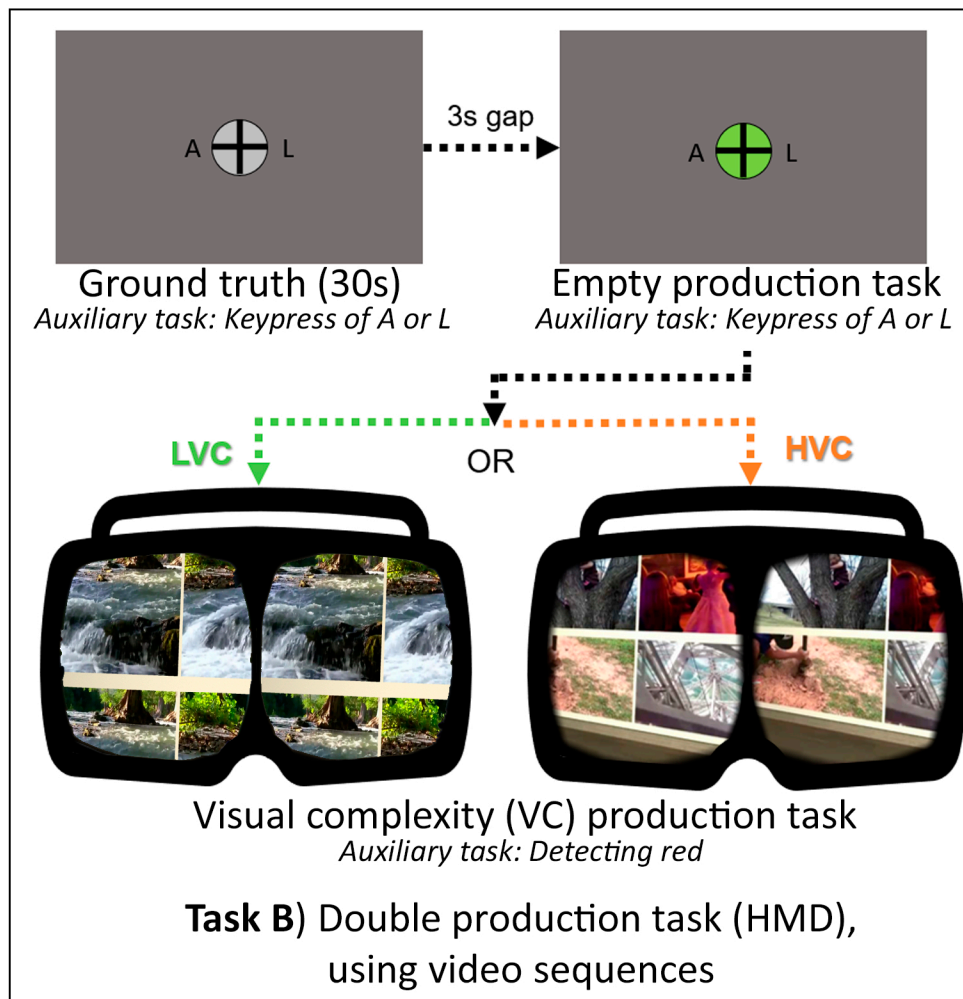
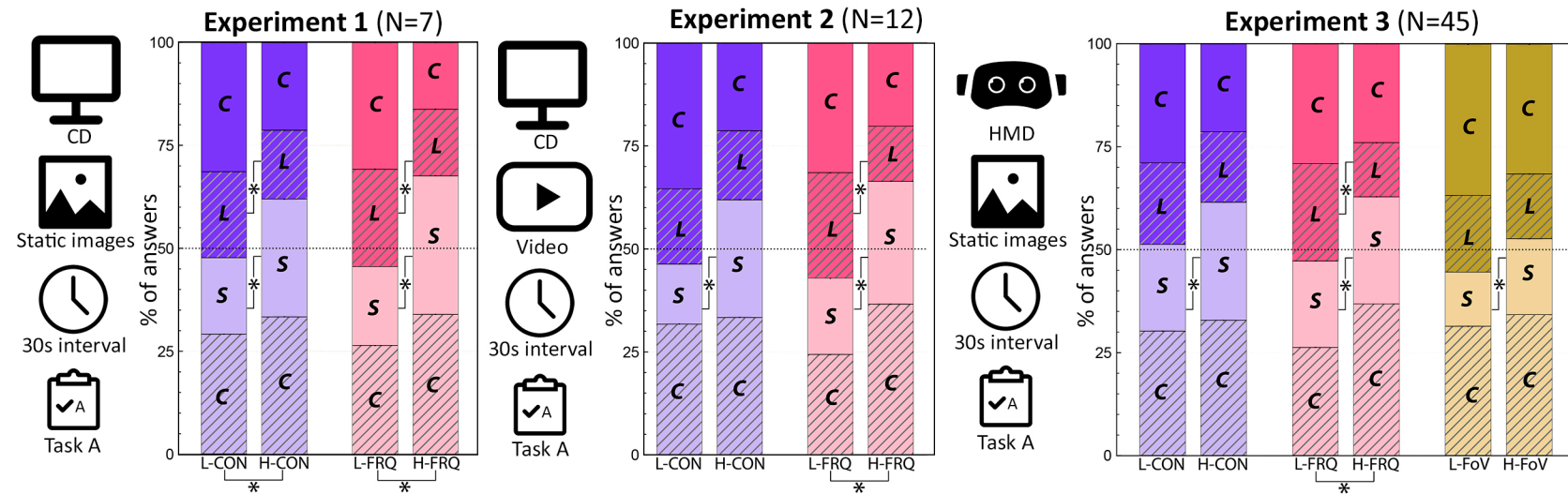
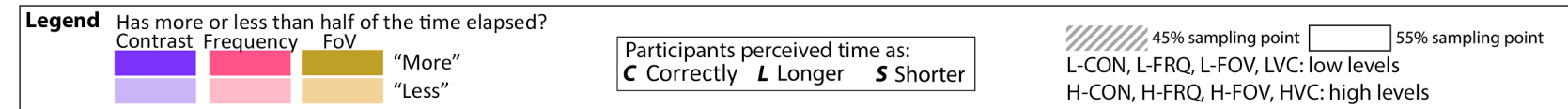
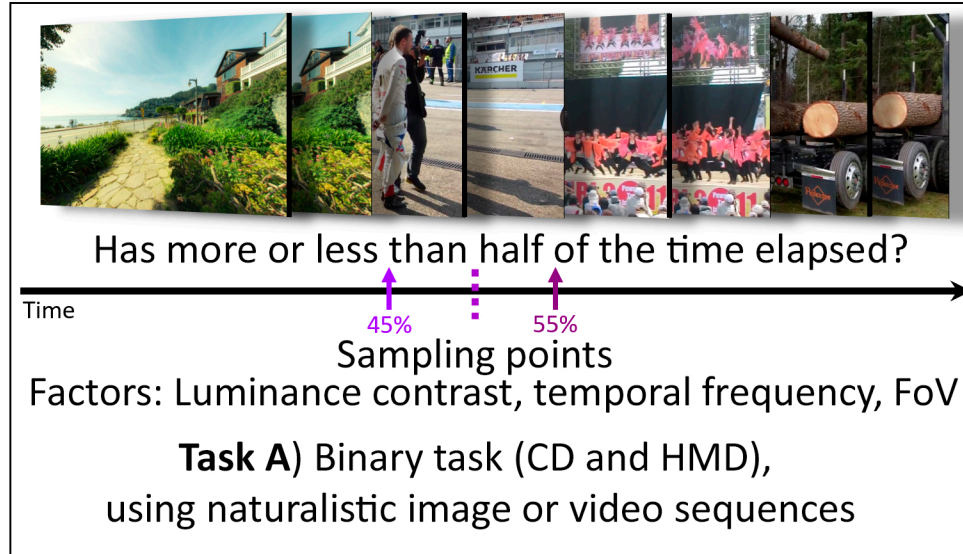


Has half the time passed? Investigating time perception at long time scales

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Glossary CD: conventional display, HMD: head-mounted display, LVC: low visual complexity, HVC: high visual complexity, CON: contrast, FRQ: frequency, FoV: field of view, L-XXX: low level, H-XXX: high level.

Experimental design



Main findings

Time is perceived as shorter in prospective judgements when **larger visual changes** are perceived (H-CON, H-FRQ, H-FOV and HVC). This effect is consistent with changes in display (conventional and head mounted display), stimulus type (static images or videos), and visual factors of varying abstraction levels: contrast (Exp. 1-3), frequency (Exp. 1-4), field of view (Exp. 3) and visual complexity (Exp. 5). The effect replicates up until three minutes of viewing duration (Exp. 4).