

An improved method to derive behavioural budgets and energetics from geolocator data in Common Guillemots *Uria aalge*

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Supplementary materials

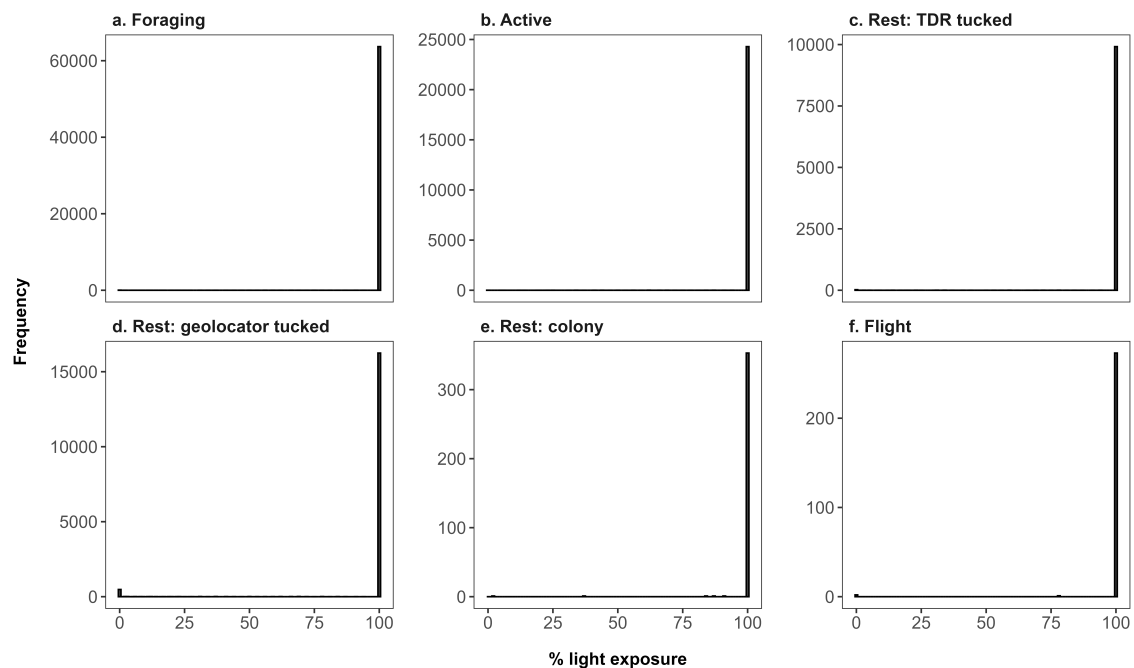


Figure S1. Histogram of percentage light exposure of the geolocator device during each behaviour, where behaviours were allocated using dual-deployed time-depth recorder and light-immersion data (Buckingham *et al.* 2023).

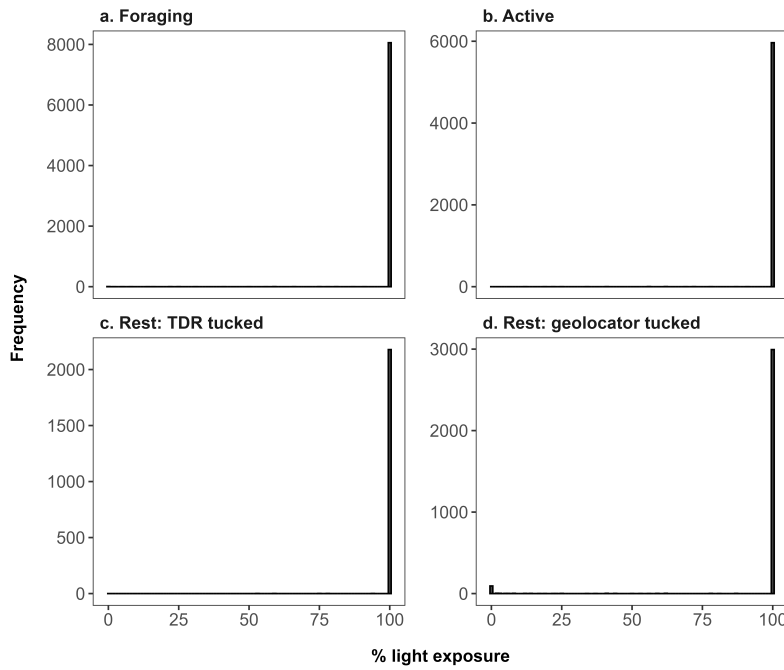


Figure S2. Histogram of percentage light exposure of the geolocator device during each behaviour, where behaviours were allocated using dual-deployed time-depth recorder and light-immersion data (Buckingham *et al.* 2023), during the expected post-breeding moult (16 August to 15 September).

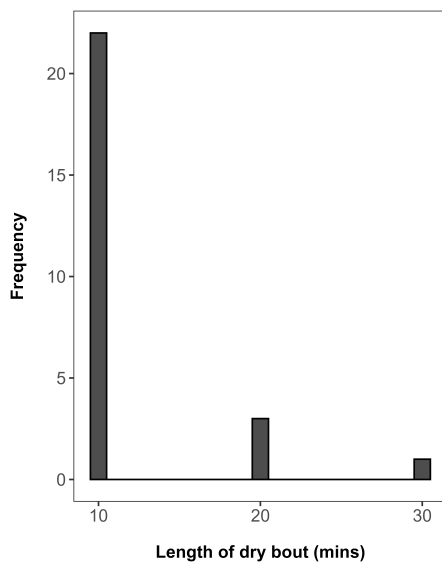


Figure S3. Histogram of the length of each dry bout defined using the dual-logger method after leaving the breeding colony and before the first observed colony attendance on the Isle of May (21 October; Bennett *et al.* 2024), used to inform the maximum length of flight in our behavioural allocation method.