

Spatio-temporal ecology of sympatric felids on Borneo. Evidence for resource partitioning?

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S3 Table. Covariates used in the multi-scale habitat modelling of Bornean felid's occurrence in Sabah, including variable names, metrics calculated, and data sources.

¹ Focal mean and standard deviation (SD) were calculated for all continuous variables.

Variable name	Metric ¹	Data source and description
Elevation	Focal mean & SD	Jarvis et al. 2008 (http://srtm.csi.cgiar.org). A 30m resolution Shuttle Radar Topographic Mission (SRTM) digital elevation model
Roughness	Focal mean & SD	A digital elevation layer (Jarvis et al. 2008) was transformed into roughness using the Geomorphometry & Gradient Metrics Toolbox (Evans et al. 2014) in ArcGIS 10.2.2 (Environmental Systems Research Incorporated, ESRI, Redlands, CA, USA, 2011).
Canopy cover	Focal mean & SD	Hansen et al. 2013 (http://earthenginepartners.appspot.com/science-2013-global-forest/download_v1.2.html). Provides % forest cover data.
Human footprint	Focal mean & SD	Wildlife Conservation (WCS) and Center for International Earth Science Information Network (CIESIN) (http://sedac.ciesin.columbia.edu/wildareas/)
Gaveau: Agroforest/forest regrowth	Focal mean	50m spatial resolution layers depicting Borneo-wide landcover with forest quality for the year 2010. Gaveau et al., (2014).
Gaveau: Logged forests	Focal mean	
Gaveau: Non forest	Focal mean	
Gaveau: Oil palm plantations	Focal mean	
Miettinen: Largescale palm production	Focal mean	
Miettinen: Lowland forest	Focal mean	A 250m spatial resolution 2010 land cover map developed by Miettinen et al. (2012)
Miettinen: Lowland mosaic	Focal mean	
Miettinen: Lowland open	Focal mean	
Miettinen: Peatswamp forest	Focal mean	
Miettinen: Plantation/regrowth	Focal mean	
SFD: Lowland Freshwater Swamp Forest	Focal mean	Unpublished historic forest layers developed by the Sabah Forestry Department, based on soil/elevation characteristics. This layer was clipped to areas defined as forest in the Gaveau et al., 2010 dataset, to account for deforestation.
SFD: Lowland Mixed Dipterocarp & Kerangas Forest	Focal mean	
SFD: Lowland Mixed Dipterocarp Forest	Focal mean	
SFD: Lowland Mixed Dipterocarp Forest & Limestone vegetation	Focal mean	
SFD: Lowland Peat Swamp Forest	Focal mean	
SFD: Lowland Seasonal Freshwater Swamp Forest	Focal mean	
SFD: Lowland Seasonal Freshwater Swamp Forest	Focal mean	