# 04\_analysis\_consideration

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| analysis\_consider\_code | analysis\_consider\_text |
| c\_study\_area\_num | **\*\*Multiple study areas\*\* -** include latitude, topography, temp, and or NVDI as covariates in analysis (Hofmeester et al., 2019). |
| c\_cam\_strat\_covar\_num |  |
| c\_study\_season\_num | **\*\*Multiples study seasons\*\* -** correct for multiple seasons by including season or temperature as covariates in your analysis (Hofmeester et al., 2019). |
| c\_sp\_mult | **\*\*Target species -** Single vs. multiple**\*\*** - |
| c\_sp\_behav\_season | **\*\*Target species -** Species behaviour (season)**\*\*** - |
| c\_rarity | **\*\*Target species -** Rarity**\*\*** - |
| c\_detprob | **\*\*Target species - D**etection probability**\*\*** - |
| c\_sp\_behav | **\*\*Target species -** Species behaviour**\*\*** -  Note that the following models’ assumptions include unbiased behaviour: ("mod\_scr\_secr","mod\_ds","mod\_2flankspim","mod\_rem","mod\_rest","mod\_tifc") |
| c\_sp\_season | **\*\*Target species -** Species behaviour (season)**\*\*** - |
| c\_sp\_size | **\*\*Target species - Multiple body sizes\*\*** <br> \- correct for variable body size of your target species by including body mass and diet as variables in analysis (O’Brien, Kinnaird, and Wibisono 2011; Hofmeester et al., 2019). |
| c\_sp\_behav\_mult | **\*\*Target species - Multiple species / variable behaviour\*\*** <br> \- If targetting multiple species, correct for variable behaviour (in response the the camera/equipment) by applying correction factors for investigative behaviour (Becker et al., 2022). |
| c\_sp\_rarity\_mult |  |
| c\_cam\_make\_model | **\*\*Multiple camera make/model\*\***<br> \- measure sensitivity of PIR sensor of each model and use as covariate (Hofmeester et al., 2019) or include camera model as a covariate (Kelly & Holub, 2015). |
| c\_cam\_settings | **\*\*Variable camera settings\*\*** - include each setting that differs as a covariate in analysis. |
| c\_cam\_protocol\_ht\_angle | **\*\*Variable camera height and/or angle\*\* -** include camera height and/or camera angle as covariates in your analysis (Hofmeester et al., 2019). |
| c\_baitlure | **\*\*Multiple bait/lure types\*\*** - if using multiple types of bait and/or lure, correct for variability in bait/lure effects by including bait/lure type as a variable in your analysis. Refer to the resources tab of [**Bait/lure]()**  Adjusting for Lure Effects - https://mabecker89.github.io/abmi.camera.extras/articles/lure.html |
| c\_baitlure\_var | **\*\*Bait/lure partial placement\*\*** - if placing bait/lure at a subset of cameras, correct for variability in bait/lure effects by including bait/lure presence as a variable in your analysis. |
| c\_targetfeature | **\*\***Targetting specific features**\*\*** -  Refer to |
| c\_targ\_feature\_multi | **\*\*Targetting multiple features\*\* -** if targetting multiple features, correct for variable placement on detection probability by including FOV Target Feature as a variable in your analysis. |
| c\_mixed\_mods | **\*\***Repeat sampling**\*\*** -  See also “offsets” |

**Camera settings**

**Camera height and/or angle**

**Target features**