

Model	Aim	Movement	Selection
Null	Movement only	$SL + \ln(SL) + \cos(TA)$	-
How likely are deer to select urban over forested habitat and does this vary with time of day?			
1	Movement + habitat selection	$SL + \ln(SL) + \cos(TA)$	LC(end)
2	Movement + temporal variability in habitat selection	$SL + \ln(SL) + \cos(TA)$	LC(end) : TOD
Is deer movement faster or more directional while in, or traveling to, urban or natural habitats? Does this vary with time of day?			
3	Movement differences with starting habitat + habitat selection	$SL + \ln(SL) + \cos(TA) + LC(\text{start}) : (SL + \ln(SL) + \cos(TA))$	LC(end)
4	Movement differences with habitat selection and time of day	$SL + \ln(SL) + \cos(TA)$	LC(end) : $(SL + \ln(SL) + \cos(TA) + TOD)$