S2 Table. Coefficient estimates along with their 95% confidence interval (95% CI) of the mixed-effects generalized linear model with binomial distribution (HMM-SSF + GLMM) and the multi-state correlated random walk model (HMM-CRW) to predict probability of switching from encamped to travelling mode, in 500 simulated foragers moving among resource patches and avoiding a predator. *In resource patch* is a dummy variable indicating whether the forager is within a resource patch (i.e., patch quality >0), $\tilde{d}_{Predator}$ equals the actual distance of the predator from the forager ($d_{Predator}$) when $d_{Predator} \leq$ 0.8 km and 0.8 km, otherwise. *log*($d_{Predator}$) is the natural logarithm of $d_{Predator}$.

Effect	**Estimate**		**95% CI**	
	HMM-SSF + GLMM	HMM-CRW	HMM-SSF + GLMM	HMM-CRW
Fixed				
Intercept	3.86	2.11	[3.32 ; 4.40]	[1.99 ; 2.23]
In resource patch (i.e., patch quality > 0)	-1.21	-0.14	[-1.32 ; -1.10]	[-0.18 ; -0.10]
$\tilde{d}_{Predator}$	-8.05	-	[-8.72 ; -7.39]	-
$log(d_{Predator})$	-	-4.87	-	[-4.95 ; -4.80]
Random (variance)				
ID	0.09	-	-	-