

The availability of Blue-fronted Amazon nesting cavities is at risk in Central-West Brazil

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Appendix 4. Result of a Cox proportional-hazards analysis to model the effects of habitat and poachers inflicted disturb on survival of palm-cavities suitable for Blue-fronted Amazon nests in mid-west Brazil.

```
coxph(formula = Surv(time, censo == 1) ~ habitat + disturbance,
      data = cav.palm, model = T)
```

```
n= 1724, number of events= 1356
```

	coef	exp(coef)	se(coef)	z	Pr(> z)	
habitatpastures	0.46222	1.58759	0.13325	3.469	0.000523	***
habitatagriculture	1.13350	3.10652	0.14193	7.986	1.39e-15	***
disturbance	0.47699	1.61122	0.03974	12.003	< 2e-16	***

```
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

	exp(coef)	exp(-coef)	lower .95	upper .95
habitatpastures	1.588	0.6299	1.223	2.061
habitatagriculture	3.107	0.3219	2.352	4.103
disturbance	1.611	0.6206	1.490	1.742

```
Concordance= 0.64 (se = 0.008 )
```

```
Likelihood ratio test= 279 on 3 df, p=<2e-16
```

```
Wald test = 330.6 on 3 df, p=<2e-16
```

```
Score (logrank) test = 323.3 on 3 df, p=<2e-16
```