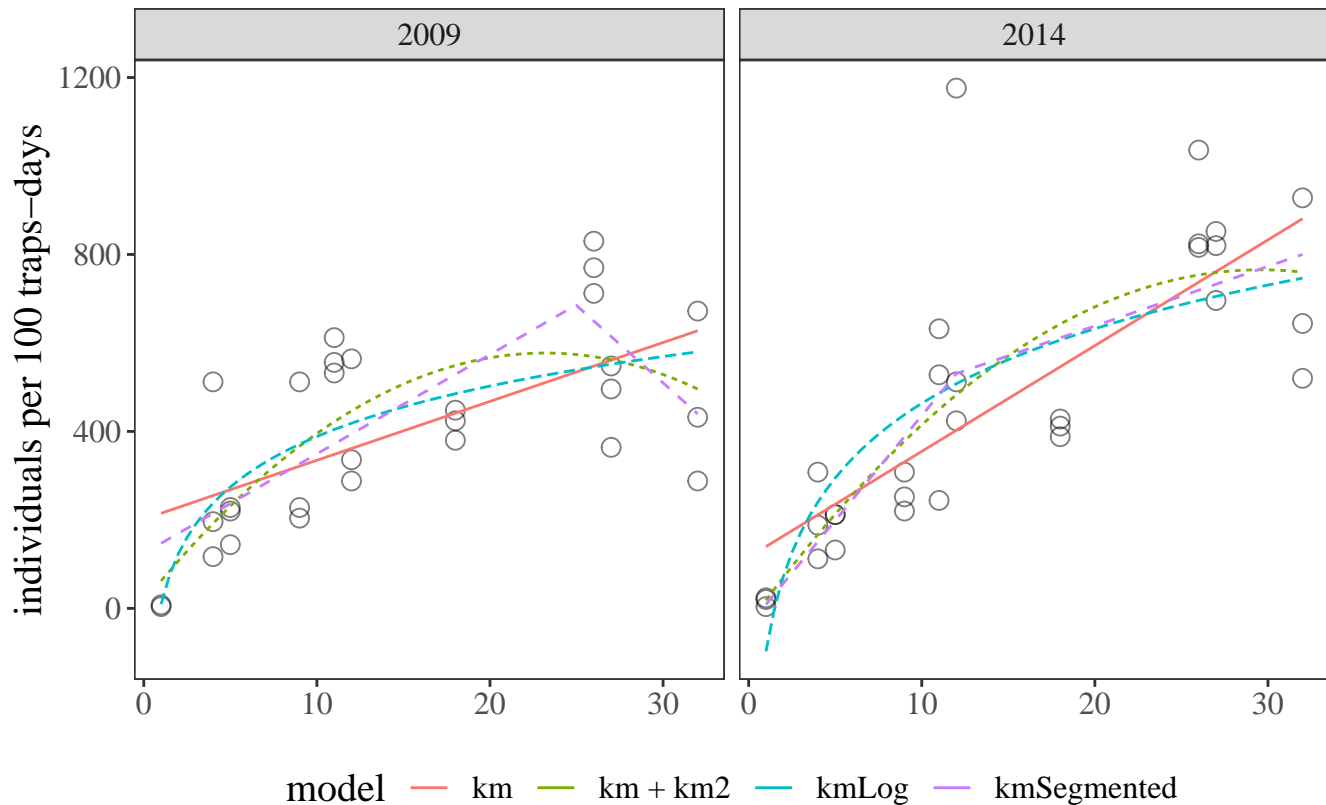


Abundance

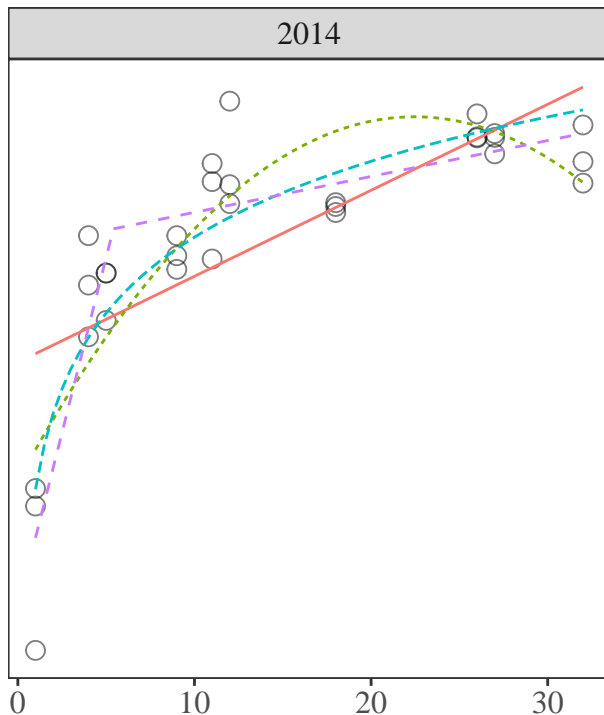
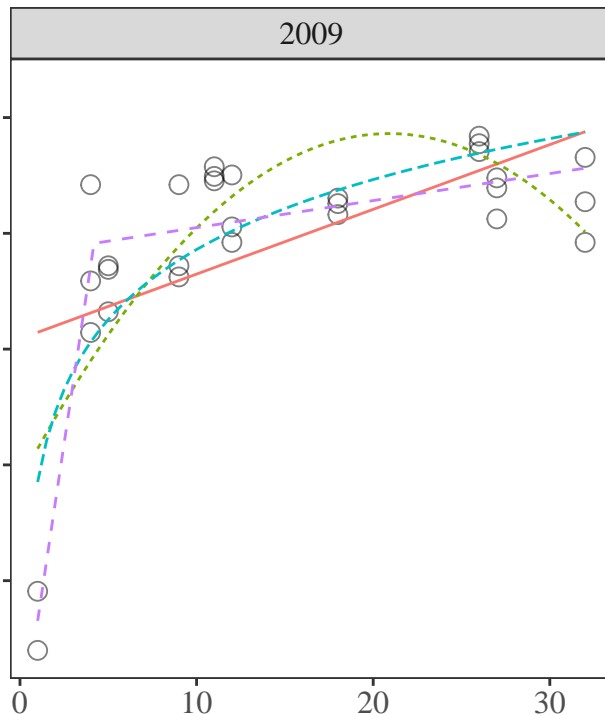


model — km — km + km2 — kmLog — kmSegmented

formula	year	aic	r2
abu ~ kmLog	2009	378.3	0.50
abu ~ km + km2	2009	379.0	0.50
abu ~ kmSegmented	2009	381.3	0.48
abu ~ km	2009	385.1	0.37
abu ~ km + km2	2014	405.9	0.63
abu ~ kmSegmented	2014	407.0	0.63
abu ~ kmLog	2014	407.2	0.60
abu ~ km	2014	408.4	0.59

log Abundance

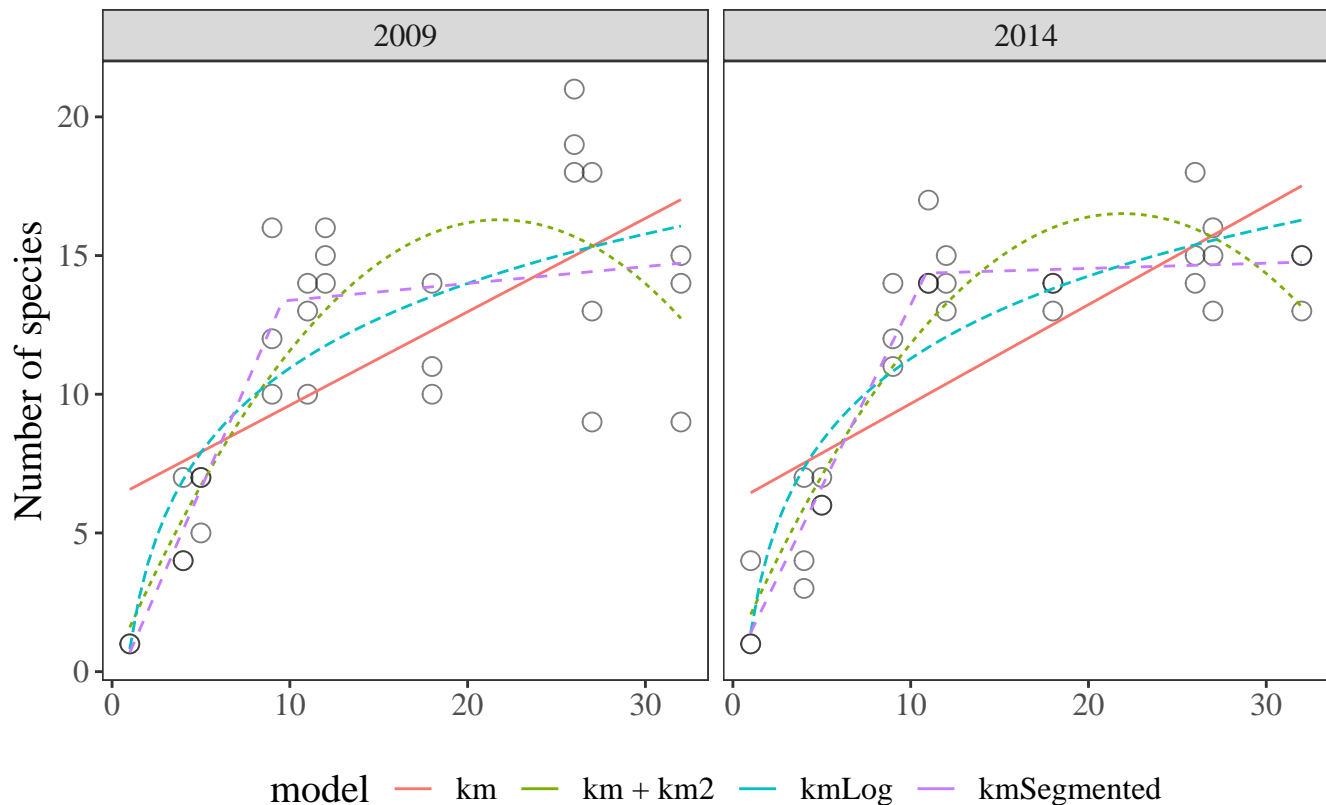
Log10 of individuals per 100 traps-days



model — km — km + km2 — kmLog — kmSegmented

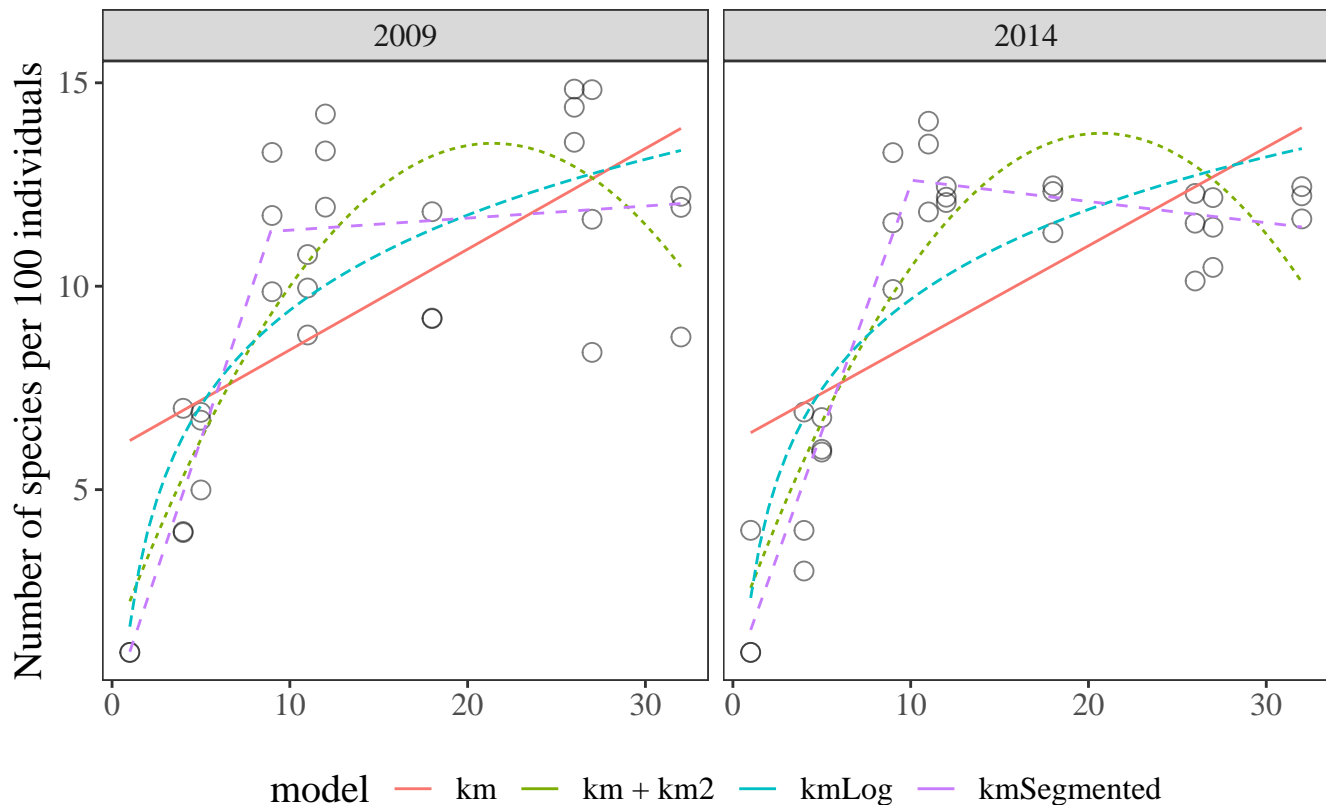
formula	year	aic	r2
abuLog ~ kmSegmented	2009	-8.2	0.86
abuLog ~ kmLog	2009	14.6	0.67
abuLog ~ km + km2	2009	21.6	0.59
abuLog ~ km	2009	36.2	0.30
abuLog ~ kmSegmented	2014	-3.5	0.85
abuLog ~ kmLog	2014	0.4	0.82
abuLog ~ km + km2	2014	13.7	0.73
abuLog ~ km	2014	31.0	0.50

Number of species



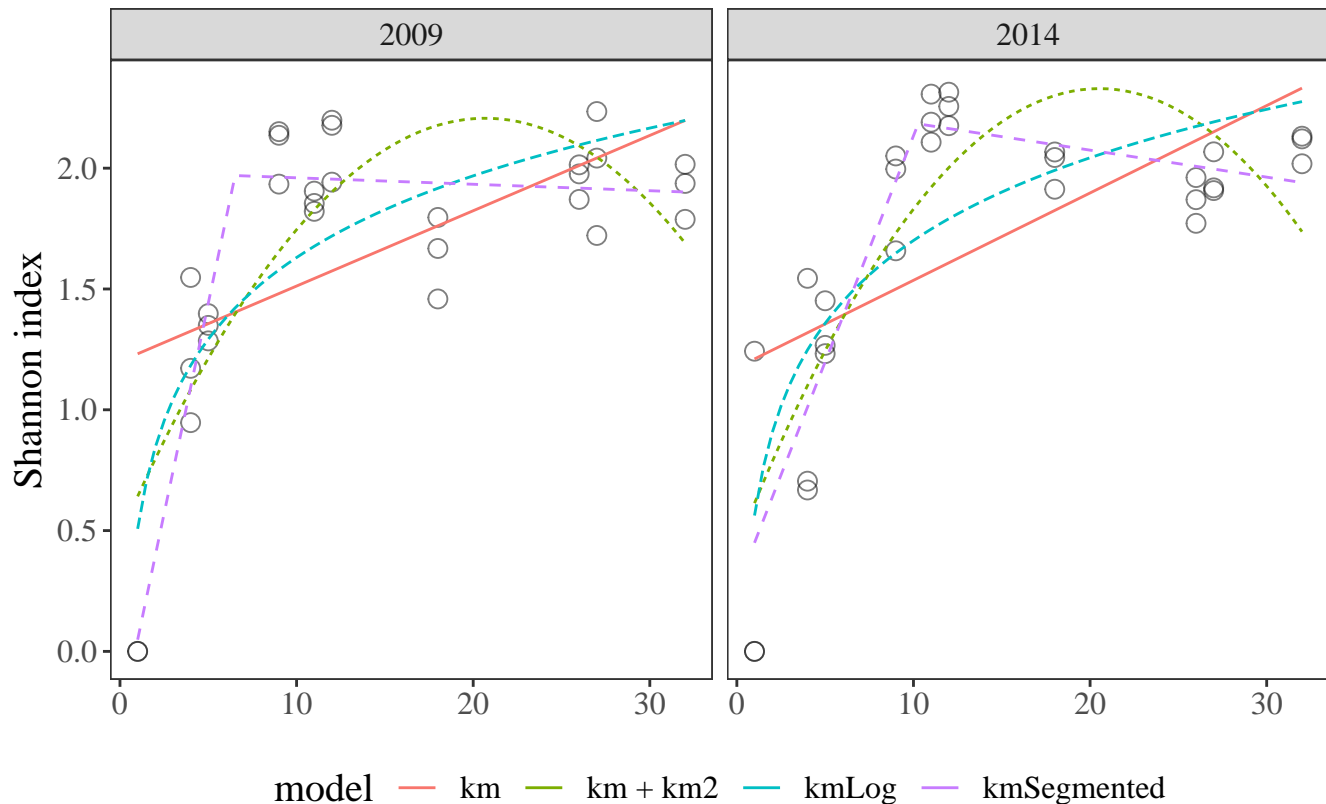
formula	year	aic	r2
nsp ~ km + km2	2009	151.7	0.67
nsp ~ kmSegmented	2009	152.2	0.67
nsp ~ kmLog	2009	155.0	0.62
nsp ~ km	2009	167.7	0.40
nsp ~ kmSegmented	2014	113.5	0.91
nsp ~ km + km2	2014	129.0	0.85
nsp ~ kmLog	2014	138.2	0.79
nsp ~ km	2014	161.7	0.54

Number of species rarefied to 100 individuals



formula	year	aic	r2
nsp100 ~ kmSegmented	2009	127.4	0.75
nsp100 ~ km + km2	2009	132.5	0.69
nsp100 ~ kmLog	2009	134.9	0.65
nsp100 ~ km	2009	151.3	0.39
nsp100 ~ kmSegmented	2014	98.5	0.91
nsp100 ~ km + km2	2014	125.7	0.78
nsp100 ~ kmLog	2014	133.0	0.71
nsp100 ~ km	2014	155.0	0.40

Diversity



formula	year	aic	r2
shan ~ kmSegmented	2009	-5.3	0.87
shan ~ kmLog	2009	21.3	0.67
shan ~ km + km2	2009	26.0	0.62
shan ~ km	2009	42.9	0.29
shan ~ kmSegmented	2014	13.3	0.81
shan ~ km + km2	2014	28.3	0.68
shan ~ kmLog	2014	30.7	0.64
shan ~ km	2014	49.4	0.33