CONTROL

> RADmodel\_samplingc0

RAD models, family poisson

No. of species 32, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.987078 Inf Inf

Preemption 0.1 1.132724 Inf Inf

Lognormal -5.3985 2.1375 0.043808 Inf Inf

Zipf 0.48207 -1.603 0.068366 Inf Inf

Mandelbrot 1.9647 -2.1491 1 0.037557 Inf Inf

> RADmodel\_samplingc1

RAD models, family poisson

No. of species 36, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.795309 Inf Inf

Preemption 0.1 0.779399 Inf Inf

Lognormal -5.1883 1.9157 0.106476 Inf Inf

Zipf 0.40692 -1.422 0.176850 Inf Inf

Mandelbrot 1.3831 -1.8839 1 0.095919 Inf Inf

> RADmodel\_samplingc2

RAD models, family poisson

No. of species 33, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.388525 Inf Inf

Preemption 0.1 0.430595 Inf Inf

Lognormal -4.6287 1.5901 0.050731 Inf Inf

Zipf 0.3345 -1.2337 0.140371 Inf Inf

Mandelbrot 0.93573 -1.6108 1 0.079532 Inf Inf

> RADmodel\_samplingc3

RAD models, family poisson

No. of species 23, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.337131 Inf Inf

Preemption 0.1 0.639143 Inf Inf

Lognormal -4.1328 1.5088 0.085706 Inf Inf

Zipf 0.3645 -1.2621 0.167427 Inf Inf

Mandelbrot 1.0694 -1.6746 1 0.147561 Inf Inf

> RADmodel\_samplingc4

RAD models, family poisson

No. of species 13, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.054972 Inf Inf

Preemption 0.1 0.465863 Inf Inf

Lognormal -3.0459 1.0567 0.069794 Inf Inf

Zipf 0.32376 -1.0283 0.163857 Inf Inf

Mandelbrot 0.83515 -1.4297 1 0.130599 Inf Inf

> RADmodel\_samplingc5

RAD models, family poisson

No. of species 13, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.167864 Inf Inf

Preemption 0.1 0.737770 Inf Inf

Lognormal -3.2936 1.3177 0.065432 Inf Inf

Zipf 0.40469 -1.2677 0.138808 Inf Inf

Mandelbrot 1.2977 -1.7625 1 0.124250 Inf Inf

> RADmodel\_samplingc6

RAD models, family poisson

No. of species 9, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.026116 Inf Inf

Preemption 0.1 0.625528 Inf Inf

Lognormal -2.6343 1.0924 0.035438 Inf Inf

Zipf 0.38649 -1.1063 0.107661 Inf Inf

Mandelbrot 1.1519 -1.6105 1 0.072543 Inf Inf

> RADmodel\_samplingc7

RAD models, family poisson

No. of species 12, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.051705 Inf Inf

Preemption 0.1 0.509007 Inf Inf

Lognormal -2.9635 1.0597 0.077377 Inf Inf

Zipf 0.33606 -1.0424 0.180839 Inf Inf

Mandelbrot 0.90765 -1.4769 1 0.133008 Inf Inf

> RADmodel\_samplingc8

RAD models, family poisson

No. of species 15, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.064172 Inf Inf

Preemption 0.1 0.437251 Inf Inf

Lognormal -3.2726 1.1397 0.046104 Inf Inf

Zipf 0.32727 -1.0765 0.128790 Inf Inf

Mandelbrot 0.86747 -1.4795 1 0.091559 Inf Inf

> RADmodel\_samplingc9

RAD models, family poisson

No. of species 18, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.270396 Inf Inf

Preemption 0.1 0.729420 Inf Inf

Lognormal -3.8724 1.5162 0.035108 Inf Inf

Zipf 0.4045 -1.3309 0.114172 Inf Inf

Mandelbrot 1.3404 -1.8203 1 0.077763 Inf Inf

> RADmodel\_samplingc10

RAD models, family poisson

No. of species 19, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.374855 Inf Inf

Preemption 0.1 0.843740 Inf Inf

Lognormal -4.0805 1.6364 0.039319 Inf Inf

Zipf 0.42851 -1.405 0.115633 Inf Inf

Mandelbrot 1.5179 -1.9206 1 0.081894 Inf Inf

> RADmodel\_samplingc11

RAD models, family poisson

No. of species 28, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.573838 Inf Inf

Preemption 0.1 0.775835 Inf Inf

Lognormal -4.7081 1.7805 0.066636 Inf Inf

Zipf 0.40573 -1.3942 0.154723 Inf Inf

Mandelbrot 1.3555 -1.8578 1 0.107211 Inf Inf

PERTURBACIÓN

> RADmodel\_samplingp0

RAD models, family poisson

No. of species 23, total abundance 1.31871

par1 par2 par3 Deviance AIC BIC

Null 1.595349 Inf Inf

Preemption 0.1 2.276960 Inf Inf

Lognormal -5.1798 2.424 0.086043 Inf Inf

Zipf 0.59312 -1.8988 0.113341 Inf Inf

Mandelbrot 3.5661 -2.6696 1 0.065196 Inf Inf

> RADmodel\_samplingp1

Error: objeto 'RADmodel\_samplingp1' no encontrado

> RADmodel\_samplingp2

RAD models, family poisson

No. of species 6, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.163552 Inf Inf

Preemption 0.1 0.523310 Inf Inf

Lognormal -1.8775 0.49889 0.013956 Inf Inf

Zipf 0.30217 -0.60878 0.027779 Inf Inf

Mandelbrot 0.55164 -0.89565 1 0.024886 Inf Inf

> RADmodel\_samplingp3

RAD models, family poisson

No. of species 18, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.47868 Inf Inf

Preemption 0.1 0.97179 Inf Inf

Lognormal -4.0328 1.6469 0.16301 Inf Inf

Zipf 0.43784 -1.4226 0.25246 Inf Inf

Mandelbrot 1.6738 -1.9949 1 0.15962 Inf Inf

> RADmodel\_samplingp4

RAD models, family poisson

No. of species 19, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.29097 Inf Inf

Preemption 0.1 0.65211 Inf Inf

Lognormal -3.8011 1.404 0.16653 Inf Inf

Zipf 0.35733 -1.2113 0.29426 Inf Inf

Mandelbrot 1.0871 -1.6694 1 0.20862 Inf Inf

> RADmodel\_samplingp5

RAD models, family poisson

No. of species 26, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.39422 Inf Inf

Preemption 0.1 0.57625 Inf Inf

Lognormal -4.3068 1.5414 0.14000 Inf Inf

Zipf 0.34953 -1.2408 0.26256 Inf Inf

Mandelbrot 1.0408 -1.6653 1 0.17478 Inf Inf

> RADmodel\_samplingp6

RAD models, family poisson

No. of species 22, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.18355 Inf Inf

Preemption 0.1 0.41654 Inf Inf

Lognormal -3.8614 1.317 0.09592 Inf Inf

Zipf 0.31476 -1.1219 0.20602 Inf Inf

Mandelbrot 0.84877 -1.5121 1 0.13261 Inf Inf

> RADmodel\_samplingp7

RAD models, family poisson

No. of species 20, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.126830 Inf Inf

Preemption 0.1 0.383284 Inf Inf

Lognormal -3.6557 1.219 0.095874 Inf Inf

Zipf 0.3009 -1.0653 0.208671 Inf Inf

Mandelbrot 0.77561 -1.4413 1 0.143684 Inf Inf

> RADmodel\_samplingp8

RAD models, family poisson

No. of species 28, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.237291 Inf Inf

Preemption 0.1 0.358061 Inf Inf

Lognormal -4.2305 1.4143 0.060454 Inf Inf

Zipf 0.31042 -1.1499 0.152496 Inf Inf

Mandelbrot 0.81999 -1.5128 1 0.090821 Inf Inf

> RADmodel\_samplingp9

RAD models, family poisson

No. of species 27, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.139873 Inf Inf

Preemption 0.1 0.238706 Inf Inf

Lognormal -4.0196 1.2634 0.067203 Inf Inf

Zipf 0.27445 -1.0482 0.166999 Inf Inf

Mandelbrot 0.66541 -1.3784 1 0.101474 Inf Inf

> RADmodel\_samplingp10

RAD models, family poisson

No. of species 30, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.207285 Inf Inf

Preemption 0.1 0.271453 Inf Inf

Lognormal -4.2642 1.3808 0.063072 Inf Inf

Zipf 0.28936 -1.1051 0.178708 Inf Inf

Mandelbrot 0.73003 -1.4459 1 0.109580 Inf Inf

> RADmodel\_samplingp11

RAD models, family poisson

No. of species 34, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.105184 Inf Inf

Preemption 0.1 0.090768 Inf Inf

Lognormal -4.2072 1.2139 0.065563 Inf Inf

Zipf 0.22993 -0.9643 0.195178 Inf Inf

Mandelbrot 0.49983 -1.2376 1 0.133002 Inf Inf

>

> RADmodel\_samplingw0

RAD models, family poisson

No. of species 25, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.808112 Inf Inf

Preemption 0.1 1.153483 Inf Inf

Lognormal -4.943 2.0311 0.066404 Inf Inf

Zipf 0.48483 -1.59 0.148035 Inf Inf

Mandelbrot 2.0672 -2.1834 1 0.078483 Inf Inf

> RADmodel\_samplingw1

RAD models, family poisson

No. of species 27, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.709335 Inf Inf

Preemption 0.1 0.962498 Inf Inf

Lognormal -4.8598 1.9148 0.068851 Inf Inf

Zipf 0.44746 -1.498 0.135416 Inf Inf

Mandelbrot 1.7012 -2.0287 1 0.069299 Inf Inf

> RADmodel\_samplingw2

RAD models, family poisson

No. of species 29, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.405761 Inf Inf

Preemption 0.1 0.555574 Inf Inf

Lognormal -4.5507 1.6373 0.031954 Inf Inf

Zipf 0.3638 -1.2917 0.123018 Inf Inf

Mandelbrot 1.0859 -1.7021 1 0.077777 Inf Inf

> RADmodel\_samplingw3

RAD models, family poisson

No. of species 26, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.471813 Inf Inf

Preemption 0.1 0.715705 Inf Inf

Lognormal -4.4675 1.6651 0.068082 Inf Inf

Zipf 0.39287 -1.3526 0.113454 Inf Inf

Mandelbrot 1.2613 -1.8011 1 0.075332 Inf Inf

> RADmodel\_samplingw4

RAD models, family poisson

No. of species 16, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.466311 Inf Inf

Preemption 0.1 1.088746 Inf Inf

Lognormal -4.0112 1.7358 0.041658 Inf Inf

Zipf 0.49093 -1.5556 0.065928 Inf Inf

Mandelbrot 2.0486 -2.1557 1 0.062475 Inf Inf

> RADmodel\_samplingw5

RAD models, family poisson

No. of species 15, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.286249 Inf Inf

Preemption 0.1 0.879784 Inf Inf

Lognormal -3.7274 1.5656 0.020820 Inf Inf

Zipf 0.45281 -1.4354 0.071727 Inf Inf

Mandelbrot 1.7291 -2.0086 1 0.033107 Inf Inf

> RADmodel\_samplingw6

RAD models, family poisson

No. of species 12, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.145891 Inf Inf

Preemption 0.1 0.746754 Inf Inf

Lognormal -3.177 1.2892 0.085338 Inf Inf

Zipf 0.40678 -1.2547 0.178631 Inf Inf

Mandelbrot 1.3672 -1.7945 1 0.121142 Inf Inf

> RADmodel\_samplingw7

RAD models, family poisson

No. of species 12, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.24097 Inf Inf

Preemption 0.1 0.88878 Inf Inf

Lognormal -3.2592 1.3697 0.14510 Inf Inf

Zipf 0.42897 -1.3208 0.24400 Inf Inf

Mandelbrot 1.5605 -1.9028 1 0.17491 Inf Inf

> RADmodel\_samplingw8

RAD models, family poisson

No. of species 16, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.326623 Inf Inf

Preemption 0.1 0.870825 Inf Inf

Lognormal -3.7711 1.5412 0.099789 Inf Inf

Zipf 0.4262 -1.371 0.204564 Inf Inf

Mandelbrot 1.5373 -1.9179 1 0.141570 Inf Inf

> RADmodel\_samplingw9

RAD models, family poisson

No. of species 18, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.32918 Inf Inf

Preemption 0.1 0.78379 Inf Inf

Lognormal -3.8814 1.5237 0.12052 Inf Inf

Zipf 0.39905 -1.3159 0.24531 Inf Inf

Mandelbrot 1.3539 -1.8279 1 0.16409 Inf Inf

> RADmodel\_samplingw10

RAD models, family poisson

No. of species 18, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.46973 Inf Inf

Preemption 0.1 0.98998 Inf Inf

Lognormal -4.1044 1.7031 0.10395 Inf Inf

Zipf 0.45128 -1.4598 0.20148 Inf Inf

Mandelbrot 1.7714 -2.041 1 0.12410 Inf Inf

> RADmodel\_samplingw11

RAD models, family poisson

No. of species 21, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.430724 Inf Inf

Preemption 0.1 0.821341 Inf Inf

Lognormal -4.221 1.6585 0.074393 Inf Inf

Zipf 0.41955 -1.3949 0.144735 Inf Inf

Mandelbrot 1.4882 -1.9118 1 0.076346 Inf Inf

>

> RADmodel\_samplingwp0

RAD models, family poisson

No. of species 26, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.938945 Inf Inf

Preemption 0.1 1.304589 Inf Inf

Lognormal -5.1398 2.1296 0.043152 Inf Inf

Zipf 0.51145 -1.6663 0.057966 Inf Inf

Mandelbrot 2.2157 -2.2428 1 0.080081 Inf Inf

> RADmodel\_samplingwp2

RAD models, family poisson

No. of species 9, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.321722 Inf Inf

Preemption 0.1 1.277752 Inf Inf

Lognormal -3.188 1.7063 0.091611 Inf Inf

Zipf 0.54868 -1.6317 0.177065 Inf Inf

Mandelbrot 2.9127 -2.4373 1 0.119629 Inf Inf

> RADmodel\_samplingwp3

RAD models, family poisson

No. of species 16, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.747798 Inf Inf

Preemption 0.1 1.475729 Inf Inf

Lognormal -4.4378 2.0526 0.065043 Inf Inf

Zipf 0.56548 -1.7807 0.104420 Inf Inf

Mandelbrot 3.1221 -2.5348 1 0.067412 Inf Inf

> RADmodel\_samplingwp4

RAD models, family poisson

No. of species 14, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.495959 Inf Inf

Preemption 0.1 1.246112 Inf Inf

Lognormal -3.956 1.8148 0.034500 Inf Inf

Zipf 0.53126 -1.657 0.073816 Inf Inf

Mandelbrot 2.5433 -2.3392 1 0.065578 Inf Inf

> RADmodel\_samplingwp5

RAD models, family poisson

No. of species 15, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.505109 Inf Inf

Preemption 0.1 1.194733 Inf Inf

Lognormal -4.0183 1.7999 0.048803 Inf Inf

Zipf 0.51809 -1.6267 0.073377 Inf Inf

Mandelbrot 2.4244 -2.2997 1 0.039629 Inf Inf

> RADmodel\_samplingwp6

RAD models, family poisson

No. of species 17, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.449237 Inf Inf

Preemption 0.1 1.030799 Inf Inf

Lognormal -4.0929 1.7449 0.039891 Inf Inf

Zipf 0.47642 -1.5224 0.105928 Inf Inf

Mandelbrot 1.9839 -2.1319 1 0.050100 Inf Inf

> RADmodel\_samplingwp7

RAD models, family poisson

No. of species 15, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.22526 Inf Inf

Preemption 0.1 0.69832 Inf Inf

Lognormal -3.4395 1.3079 0.17021 Inf Inf

Zipf 0.36712 -1.1914 0.29947 Inf Inf

Mandelbrot 1.1383 -1.6782 1 0.21872 Inf Inf

> RADmodel\_samplingwp8

RAD models, family poisson

No. of species 19, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.367184 Inf Inf

Preemption 0.1 0.824849 Inf Inf

Lognormal -4.052 1.6138 0.055500 Inf Inf

Zipf 0.42172 -1.3865 0.136876 Inf Inf

Mandelbrot 1.4794 -1.9006 1 0.091326 Inf Inf

> RADmodel\_samplingwp9

RAD models, family poisson

No. of species 24, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.479998 Inf Inf

Preemption 0.1 0.798779 Inf Inf

Lognormal -4.4735 1.7359 0.034569 Inf Inf

Zipf 0.41774 -1.4074 0.115922 Inf Inf

Mandelbrot 1.448 -1.8988 1 0.067639 Inf Inf

> RADmodel\_samplingwp10

RAD models, family poisson

No. of species 30, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.649601 Inf Inf

Preemption 0.1 0.802929 Inf Inf

Lognormal -4.8974 1.8584 0.042791 Inf Inf

Zipf 0.41735 -1.431 0.117242 Inf Inf

Mandelbrot 1.4314 -1.9014 1 0.074410 Inf Inf

> RADmodel\_samplingwp11

RAD models, family poisson

No. of species 29, total abundance 1

par1 par2 par3 Deviance AIC BIC

Null 0.49950 Inf Inf

Preemption 0.1 0.63041 Inf Inf

Lognormal -4.6062 1.6786 0.10133 Inf Inf

Zipf 0.37389 -1.3173 0.19614 Inf Inf

Mandelbrot 1.1813 -1.7608 1 0.10836 Inf Inf

> View(RADmodel\_samplingw9)