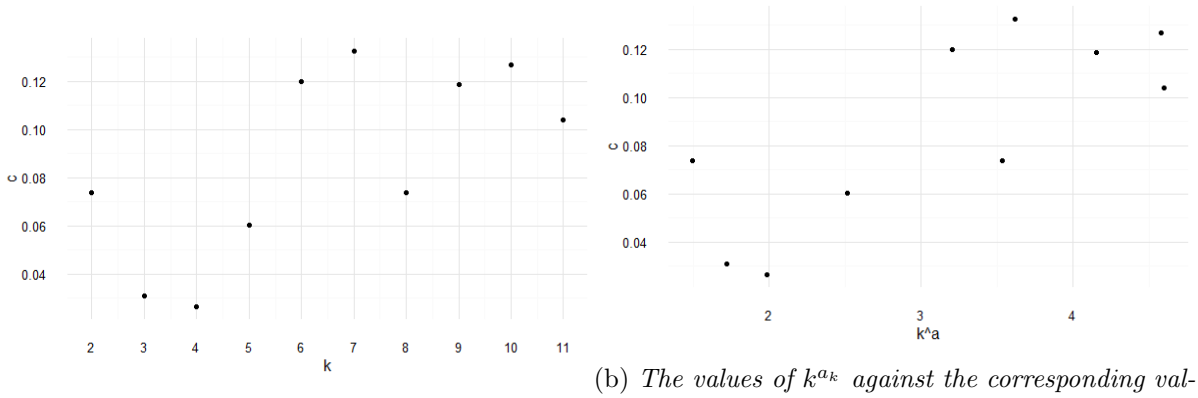
This is a list of mistakes, in either mathematical, grammatical/typography or explanation errors, that I feel need to be highlighted. I have made these changes in an updated copy of the paper, but following are a list of the changes that have been made.

Type of modification	**Location in paper**	**Correction**
Explanation	Abstract, 1st sentence: "used to estimate the entropy of a random vector $x \in \mathbb{R}^d$ of size N, based upon..."	"used to estimate the entropy of a sample made up of N vectors $x \in \mathbb{R}^d$, based upon..."
Typography	Section 1.2.2 (pg.6), end of 1st sentence: "aways lost"	"always lost"
Grammatical	Section 1.2.3 (pg.9), definition of strong consistency (asymptotic normality)	Incorrect notation: Estimator $\hat{H}_{N,k}$ should be H_N and exact entropy H should be $H(f)$
Explanation	Section 2.1 (pg.12), end of 1st paragraph: "asymptotic unbiasedness and consistency hold."	Should be more specific "asymptotic unbiasedness and weak consistency ($\hat{H}_{N,k} \xrightarrow{p} H$) hold."
Explanation	Section 2.2.1 (pg.13), equation 2.1	In this definition $log(\gamma)$ is the Euler-Mascheroni constant, whereas later just γ is that constant. This caused confusion in the lines following the equation, where it should read $\log(\gamma) = \log\left(\exp\left[-\int_0^\infty e^{-t}\log(t)dt\right]\right) = -\int_0^\infty e^{-t}\log(t)dt = -\Psi(1)$
Explanation	Section 2.2.1 (pg.14), 1st paragraph after equation (2.2)	When mentioning it being a consistent estimator, should be more specific as meaning weakly consistent, in that $\hat{H}_{N,k} \xrightarrow{p} H$
Typography	Section 2.2 (pg.20), first line: "-L estimator"	"K-L estimator"
Explanation	Section 2.2 (pg.20), bullet points at end of page, equations 2.20 and 2.21	The explanation is confusing as the what β and a are, since we know d and have chosen k such that Theorems 1 and 2 hold, we know that $a > 0.5$. So these points can be rewritten as: "With a fixed k, by [5], for $a > 0.5$ we have: $Bias(\hat{H}_{N,k}) = O\left(\frac{1}{N^a}\right)$" and "With k depending on N, by [3], for $a > 0.5$, we have: $Bias(\hat{H}_{N,k}) = O\left(\left(\frac{k}{N}\right)^a\right)$"
Typography	Chapter 3 (pg.23), number 1. in list 3rd sentence	$k \to 10$ should in fact be $k \to 11$
Typography	Section 3.1 (pg.35), 3rd line after table 3.4: "since the majoring of the data"	"since the majority of the data"
Typography	Section 3.1 (pg.37), 2nd full paragraph 3rd line: "$log(N) \approx 9$ (i.e. $N \approx 13,000$)"	Incorrect value for $log(N)$, it should read "$log(N) \approx 9.5$ (i.e. $N \approx 13,000$)"

Typography	Section 3.2 (pg.40) 2nd line: "(i.e taking a points with distance between them)"	"(i.e taking points with an ∞-small distances between them)"
Typography	Section 3.3.2 (pg.62) Figure 3.1.3, both graphs have been incorrectly labelled along their x-axis	Graph a) should have $2 \rightarrow 11$ not $1 \rightarrow 10$, and graph a) should also be shifted slightly. The correct graphs are shown in Figure 1
Mathematical	Chapter 4 (pg.71), 5th line after table 4.2: "the uniform we have variance $\frac{12}{100^2} = 0.0012$, which is significantly smaller - so we would expect a more accurate estimator due to this."	Formula is incorrect for variance, should be: "the uniform we have variance $\frac{100^2}{12} \approx 833$, which is much larger than the normal - however, this could be irrelevant, since there is not yet extensive research into the relationship between variance and entropy."



(a) *The values of k against the values of c_k*

(b) *The values of k^{a_k} against the corresponding values of c_k*

Figure 1: *Graphically representing the relationship between c_k and k for the exponential distribution*