1161-60-79 Arnaud Marsiglietti* (a.marsiglietti@ufl.edu) and Sergey Bobkov. Entropic CLT for Smoothed Convolutions and Associated Entropy Bounds.

We explore an asymptotic behavior of entropies for sums of independent random variables that are convolved with a small continuous noise. Convergence along the central limit theorem for strong distances and connections to the slicing problem are discussed. (Received August 10, 2020)