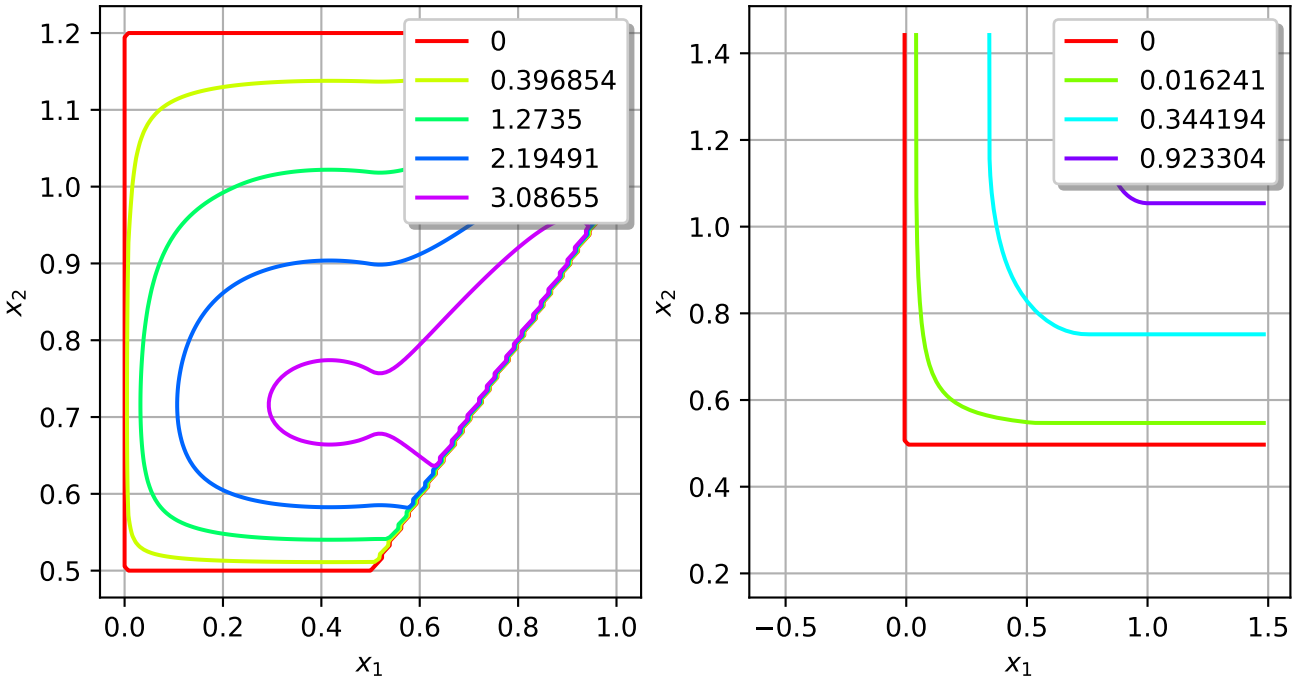Max Entropy Order Statistics Distribution: pdf and cdf