

1145-VT-2700 **Ahmad Alzaghal*** (ahmad.alzaghal@farmingdale.edu), State University of New York,
Whitman Hall, Room 180 G, 2350 Broadhollow Road, Farmingdale, NY 11735. *A new Lindley
family of continuous distribution.* Preliminary report.

A family of Lindley Distribution, called a T-Lindley family of distributions, has been proposed using the T-RY framework. Several general properties of the new family are studied in detail including moments, mode, shannon entropy, mean deviations. Some members of T-Lindley family are developed and studied. One data set is fitted by using members of the T-Lindley family of distributions. (Received September 25, 2018)