1154-60-401 **Shanshan Lv*** (`slv@truman.edu`), 100 E. Normal Avenue, Kirksville, MO 63501, and **K. Krishnamoorthy**. *Prediction Intervals for Hypergeometric Distribution*

The problem of constructing prediction intervals (PIs) for a future sample from a hypergeometric distribution is addressed. Simple closed-form approximate PIs based the Wald approach, the joint sampling approach, and a fiducial approach are proposed and compared in terms of coverage probability and precision. Construction of the proposed PIs are illustrated using an example. (Received September 03, 2019)