

Farm Size Distributions in Iran, Urmia Basin, and Utah, USA

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Introduction

This is an R Markdown document. This script reads farm size distributions digitized from Utah (2002) and Lake Urmia (2021). The script then plots distributions for Iran and Urmia Basin (Figure 1), Utah (Figure 2), and Iran, Urmia Basin, and Iran (Figure 3).

Input files:

1. **FarmSizeDistributions.xlsx** - Excel file with farm size distributions digitized from figures. Utah data are from Utah State University Extension - Farm and Ranch Irrigation Survey (2013) and Census of Agriculture (Nov 2014). Iran data are from Hajmoradi, A. (2021), Director of ULRP management division Rep., Urmia Lake Restoration Program. https://drive.google.com/file/d/1xz1_IXv_ou9D1vMIpCWr-_eFjp_5FXNR/view?usp=drive_web.

Output files:

1. **FarmSizeDistribution.pdf** - pdf file with all the figures

Main Findings

1. Urmia basin farms are smaller than farms throughout Iran.
2. Urmia and Iran farms are smaller than Utah farms.

Recommended Citation

David E. Rosenberg (2021). "Farm Size Distributions in Iran, Urmia Basin, and Utah, USA", Utah State University, Logan, Utah. <https://github.com/dzeke/UrmiaCoding/tree/main/LiteratureSynthesis/FigsApril2021>

Figure 1. Farm size distributions in Iran and Urmia

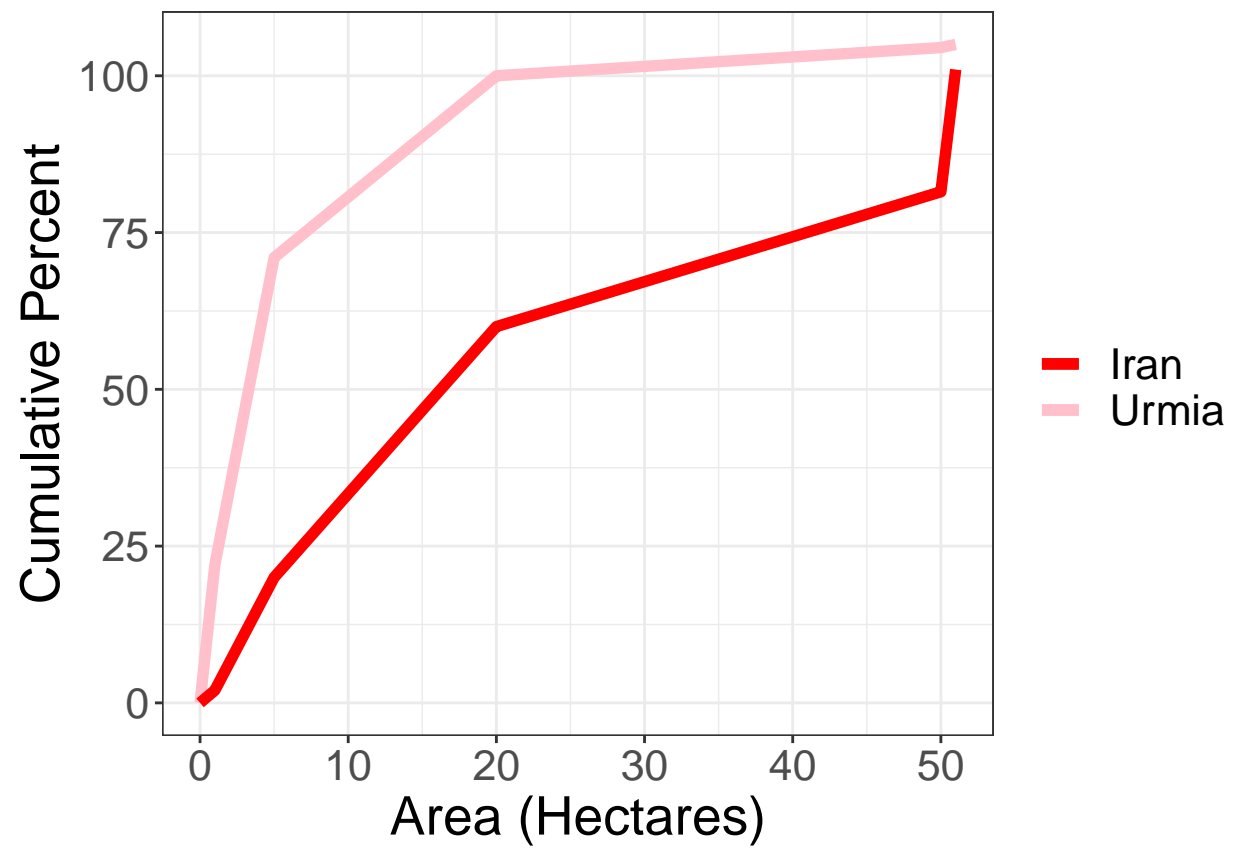


Figure 2. Farm size distributions in Utah

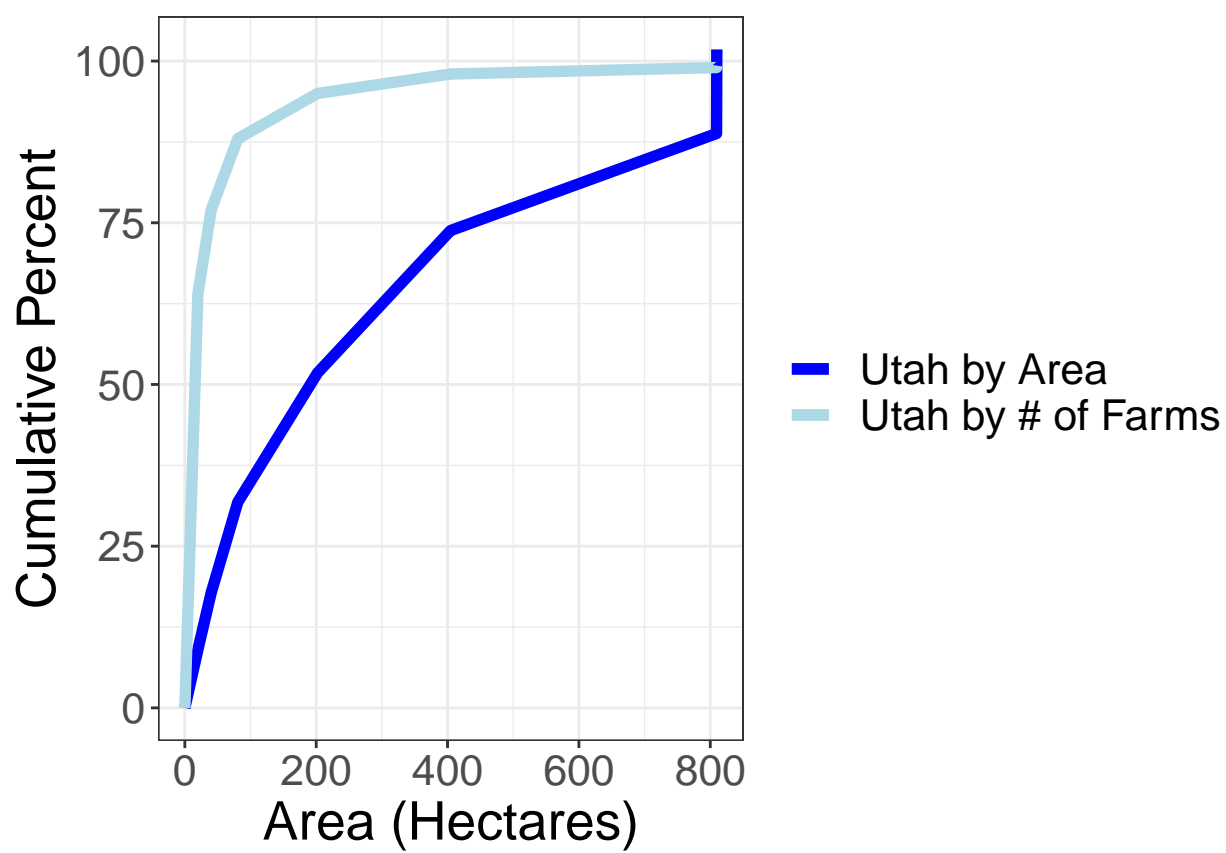


Figure 3. Farm size distributions in Iran, Urmia, and Utah

