Forecast Adjustment Under Shocks: A Unification

David Lundquist, Daniel Eck

Department of Statistics, University of Illinois at Urbana-Champaign

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Abstract

This work systematizes and unifies the rich landscape of model adjustment and model correction methods, with a special focus on forecast adjustment under the presence of shocks.

1 Introduction

1.1 Model Adjustment Using Similarity-Based Parameter Correction: A Global Overview

- 1. k-dimensional random object to predict
- 2. a parametric model family shared by donors
- 3. a correction term for the model family shared by donors
- 4. a parametric specification for the correction term
- 5. a reliable estimation procedure for the shared model
- 6. a reliable estimation procedure for the correction term
- 7. a correction function that aggregates (i.e. maps) donor correction terms based on some notion of similarity

^{*}davidl11@ilinois.edu

[†]dje13@illinois.edu

References