Mini-Lecture: Overview of the NIPALS-MCIA pipeline

Max Mattessich   Joaquin Reyna   Anna Konstorum

9/1/2022

Introduction

The Mini-Lecture, Brief outline of the math behind MCIA, covered the mathematical aspects of MCIA, this second Mini-Lecture will focus on the standard preprocessing of multi-block data and post-processing following MCIA. The target audience of this Mini-Lecture are bioinformaticians as well as other practitioners in data science.
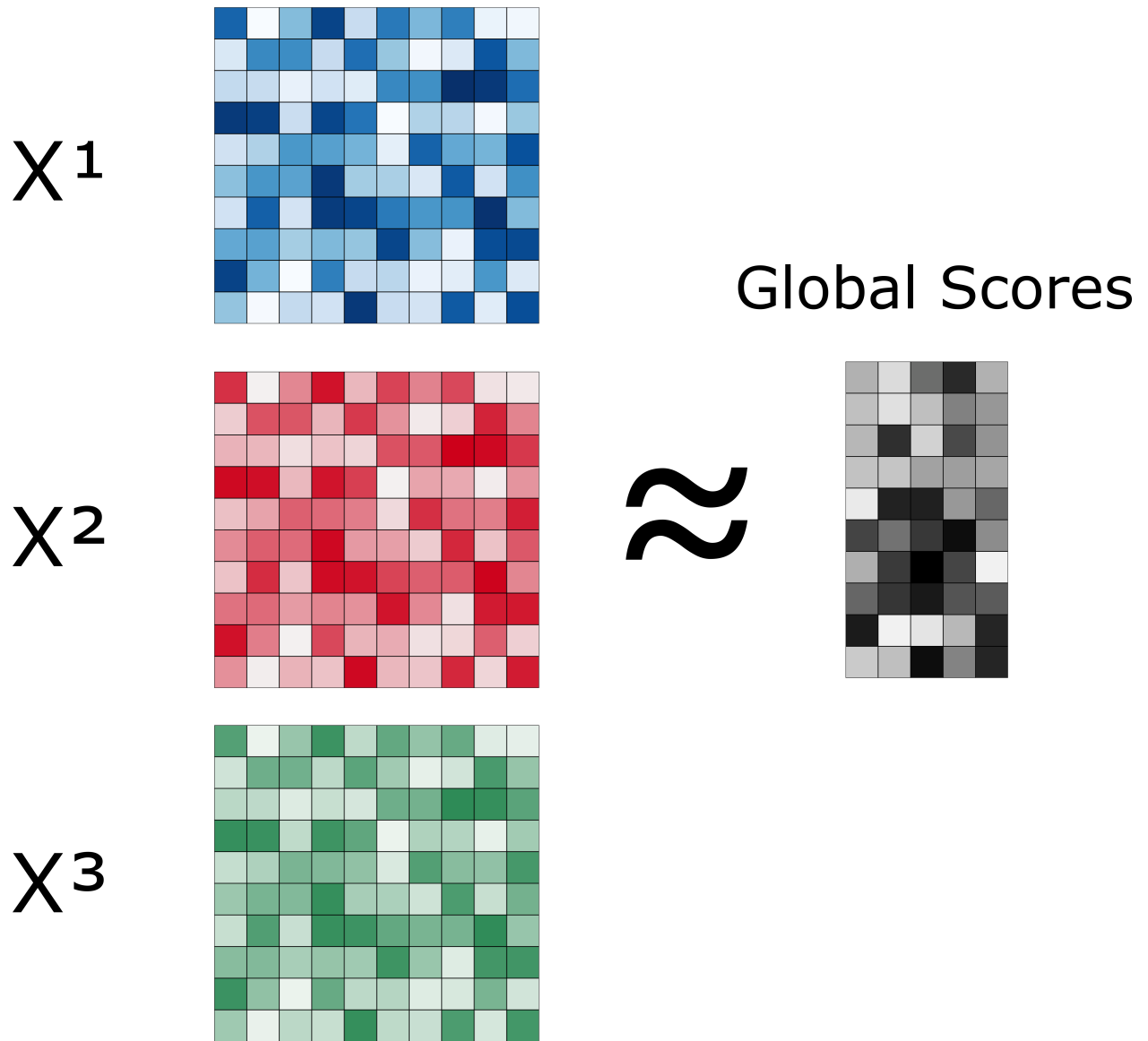
. . . (tbd)

Figure 1: Generic MCIA pipline. There are three data blocks X^1, X^2, and X^3 which are being decomposed via MCIA to produce a global scores matrix.