

Supplementary material to Article

Spatial Low-Rank Tensor Factorization and Unmixing of Hyperspectral Images

William Navas-Auger¹, Vidya Manian²

1. Synthetic images

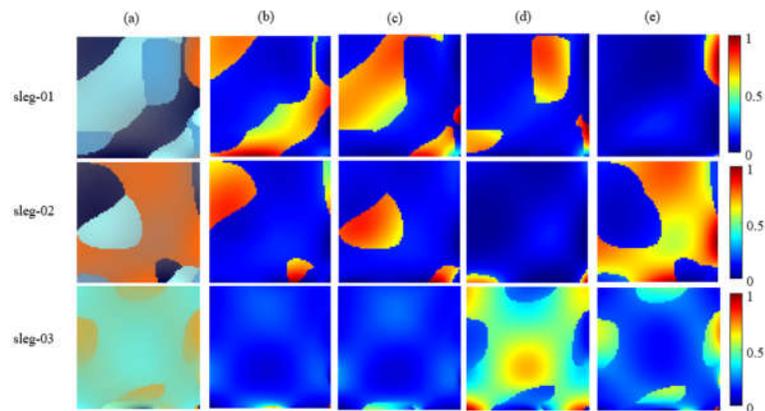


Figure S1. Synthetic HSI with Legendre Polynomial Abundances. Column (a) shows a false color HSI rendering. Columns (b) to (e) show reference abundances for Axinite, Brucite, Carnalite, and Chlorite.

Citation: Navas-Auger, W.; Manian, V. Spatial Low-Rank Tensor Factorization and Unmixing of Hyperspectral Images. *Computers* **2021**, *10*, 78. <https://doi.org/10.3390/computers10060078>

Academic Editor: Lucia Maddalena

Received: 26 April 2021

Accepted: 24 May 2021

Published: 11 June 2021

Publisher's Note: MDPI stays neutral with regard to jurisdictional claims in published maps and institutional affiliations.



Copyright: © 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

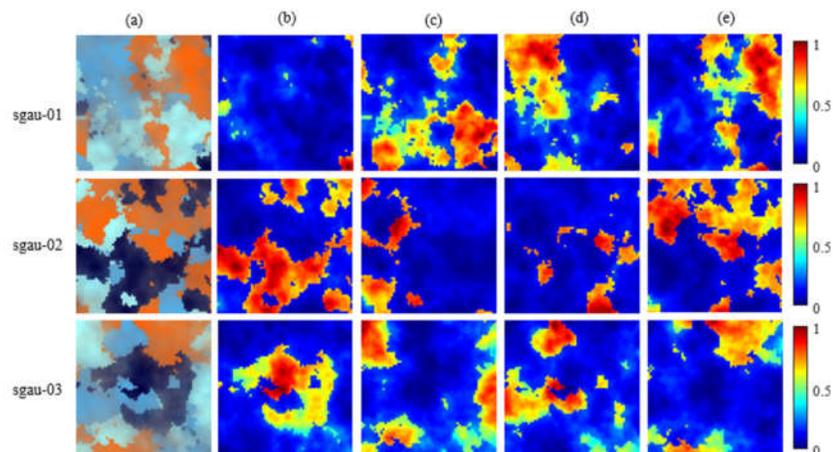


Figure S2: HSI with Gaussian Field Abundances. Column (a) shows a false color HSI rendering. Columns (b) to (e) show reference abundances for Axinite, Brucite, Carnalite, and Chlorite.

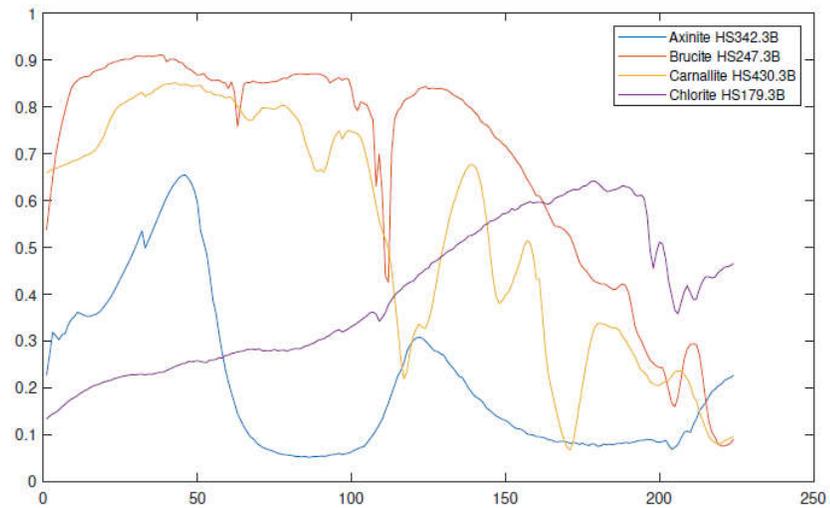


Figure S3: Spectral signatures of synthetic image endmembers

Real Hyperspectral Image results

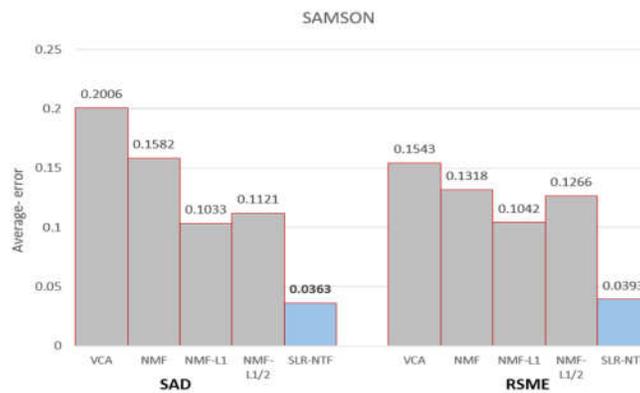


Figure S4: Samson Ridge SAD and RMSE against benchmark

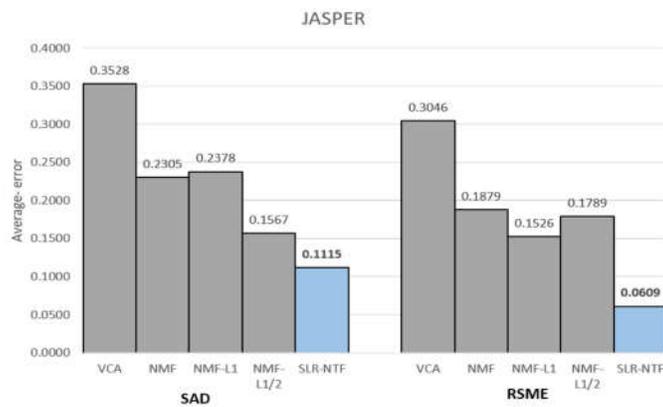


Figure S5. Jasper Ridge SAD and RMSE against benchmark

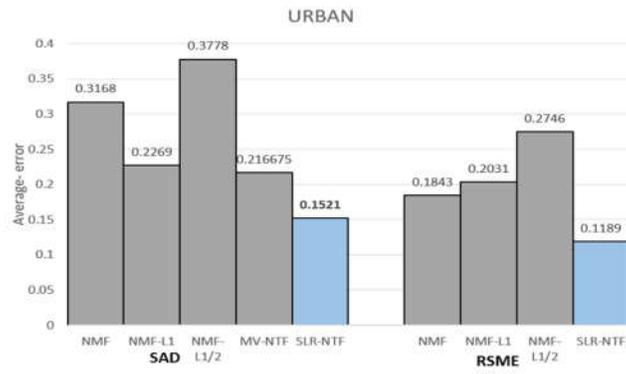


Figure S6. Urban SAD and RMSE against benchmark