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Development of neural network retrievals of liquid cloud properties from multi-angle polarimetric observations

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Highlights

- Neural networks can be used as a valuable tool to assess best practice for retrieval approaches
- Input combinations with DoLP gave the best results for liquid cloud property retrievals
- Input combinations with total reflectance gave the best results for COD retrievals
- Our NN tends to weigh total reflectance more due to the PCA dimensionality reduction

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