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Comparison of cluster finder algorithms on cosmoDC2 data

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I will present a comparison of the performance of the redMaPPer, WaZP and AMICO cluster algorithms on cosmoDC2 data, focusing on the estimated completeness and purity as a function of the mass and the redshift of the simulated dark matter halos. Some first studies on the properties of clusters found specifically by one algorithm will also be presented, highlighting the complementarity of the algorithms.

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