

Appendix: Datasets Illustration and Experiment Results for Paper *Unsupervised Multitemporal Building Change Detection Based on Cosegmentation Using Time-Series SAR*

Kaiyu Zhang, Xiaolei Lv, Jili Yuan, and Xikai Fu

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1 Original Datasets

1.1 Original Data 1

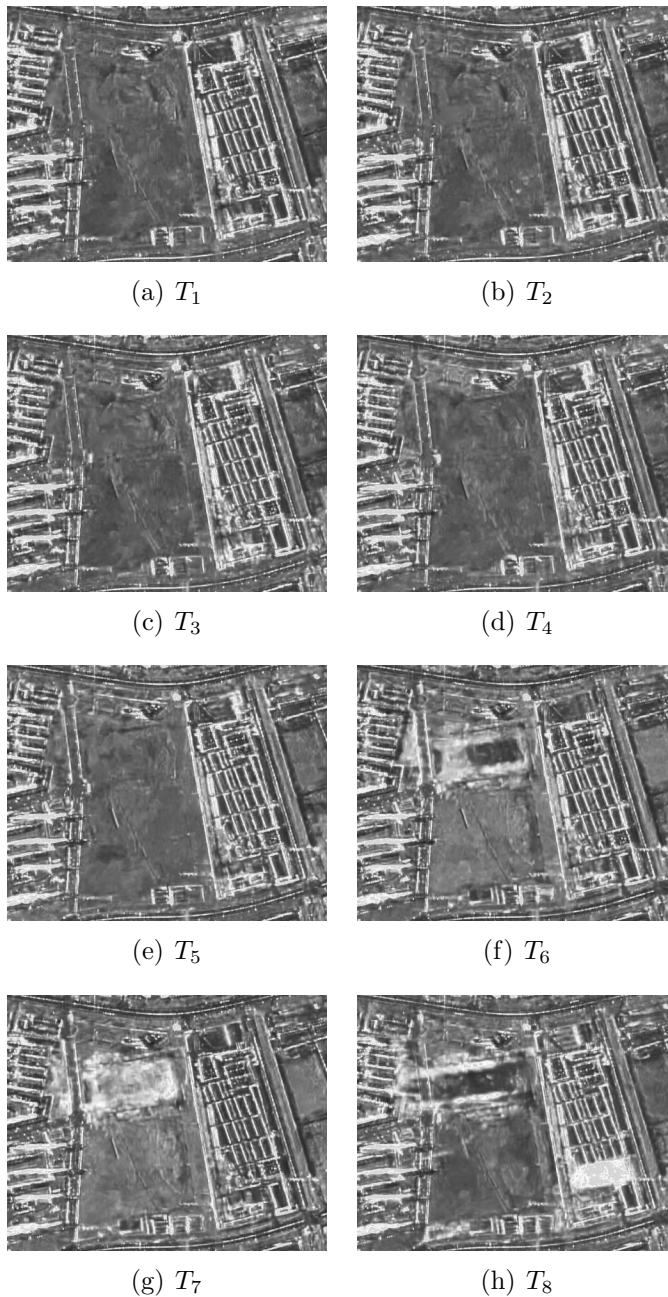


Figure 1: Original Data 1

1.2 Original Data 2

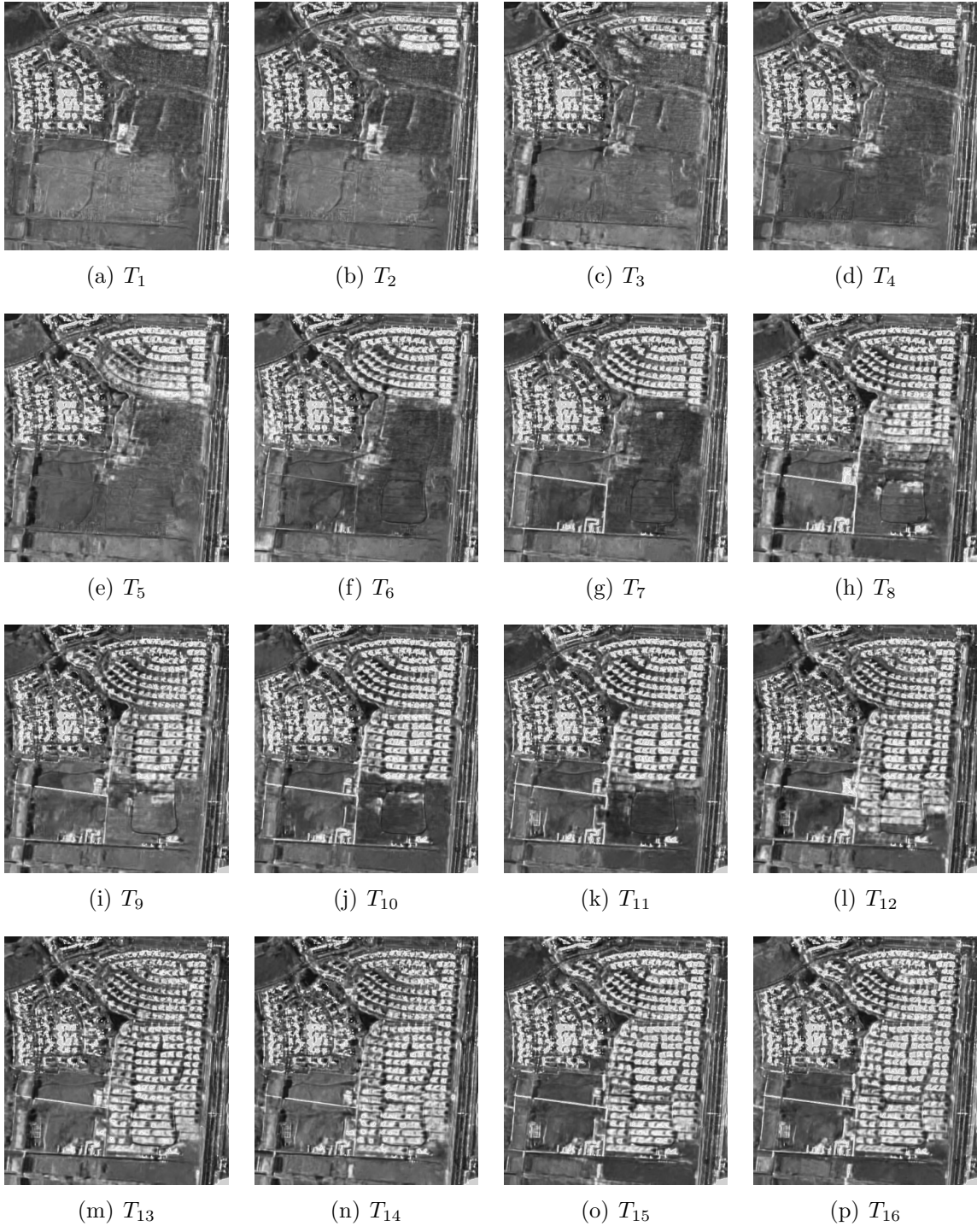


Figure 2: Original Data 2

2 Change Frequency Maps(CFM)

2.1 CFM of Data 1

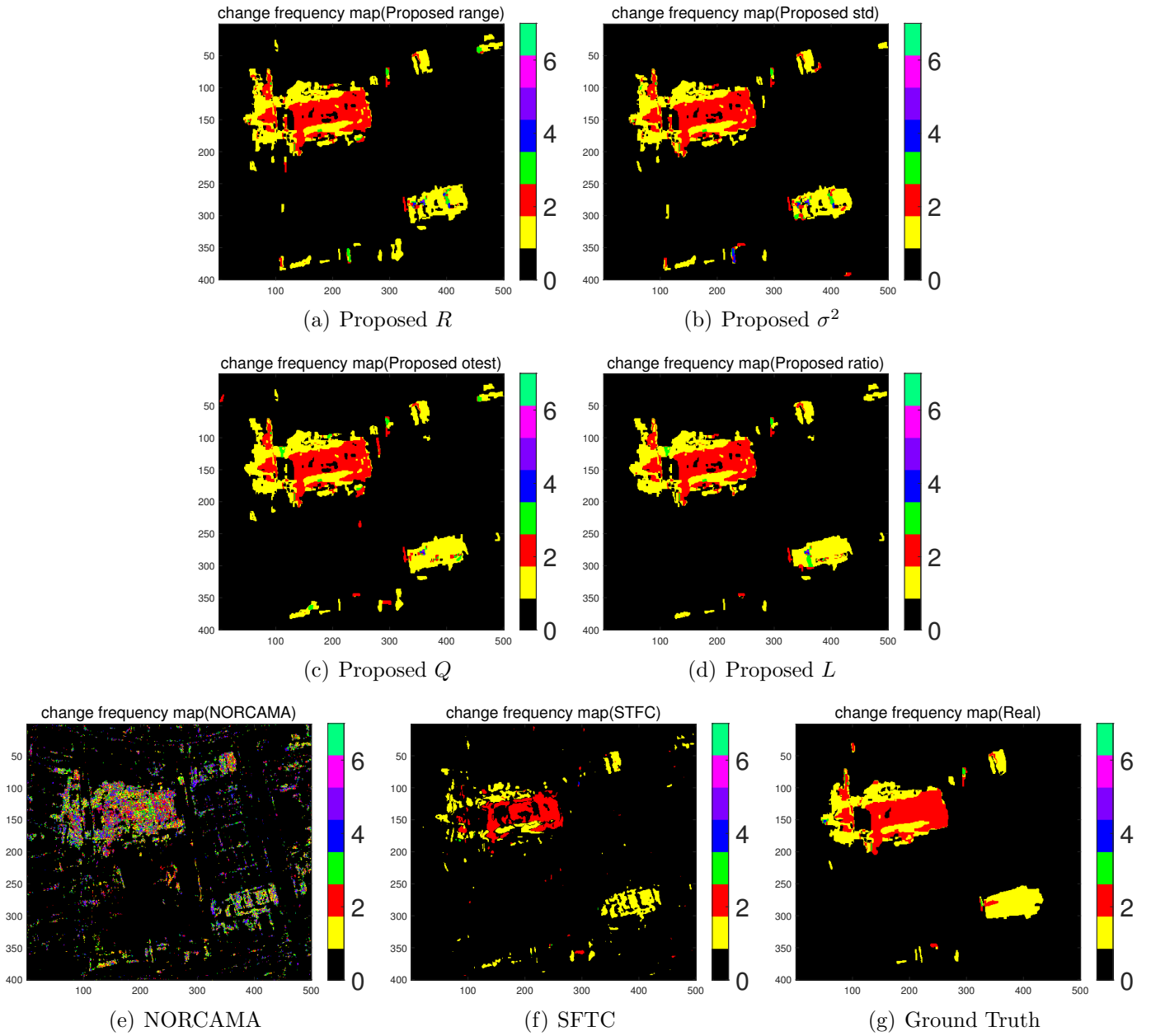


Figure 3: Change Frequency Maps(CFM) of data 1

2.2 CFM of Data 2

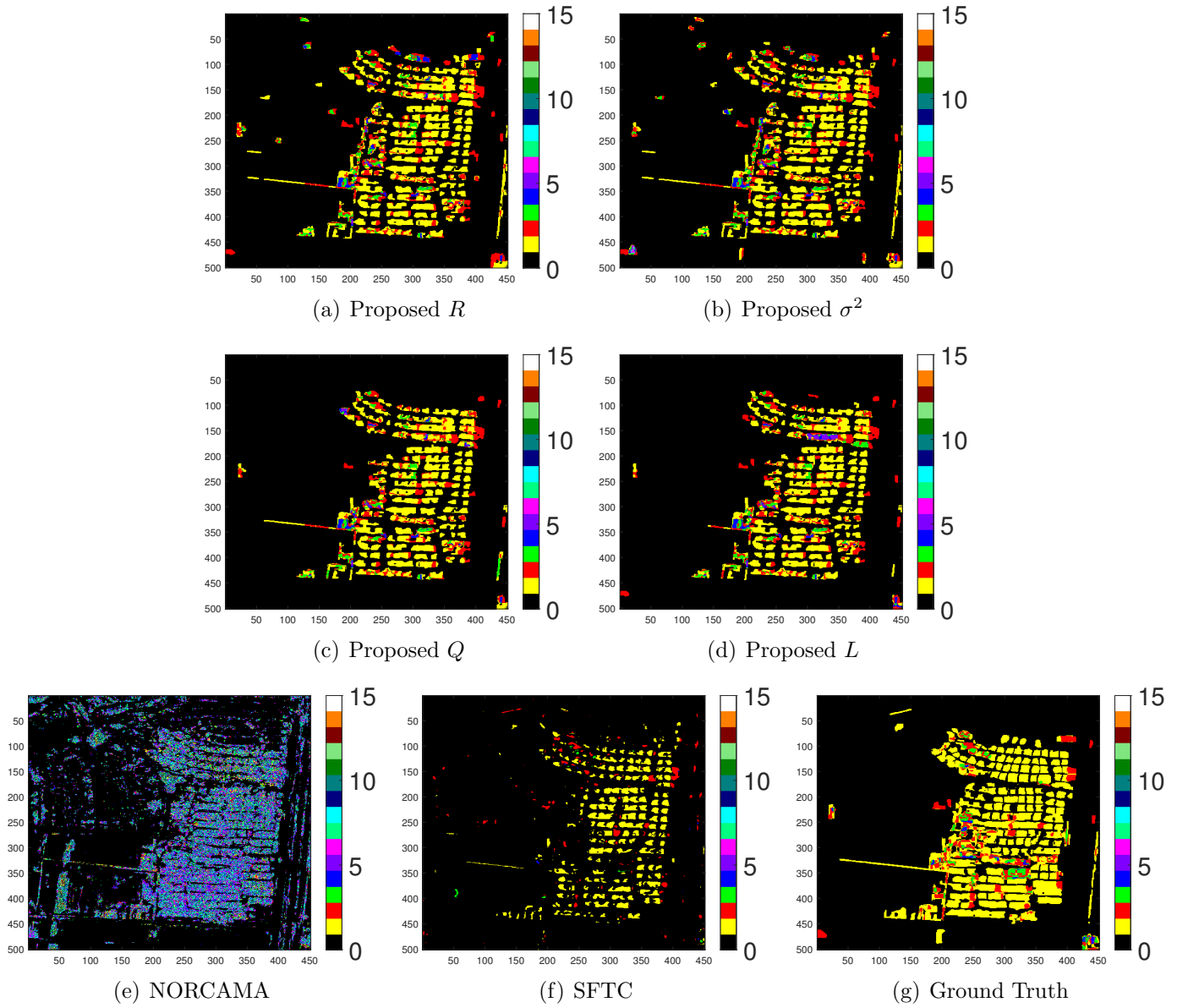
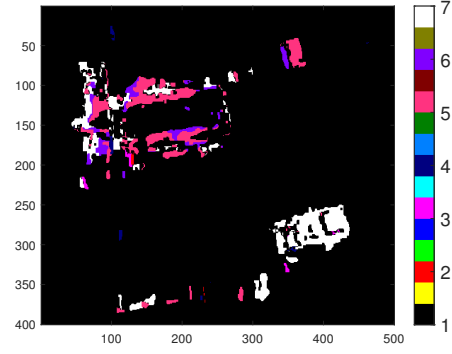


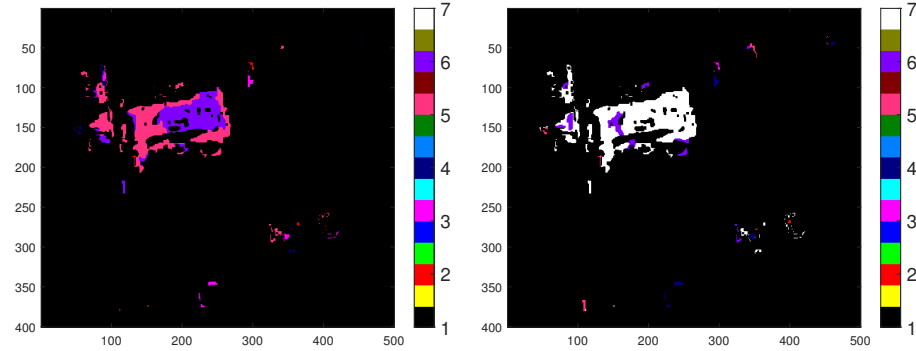
Figure 4: Change Frequency Maps(CFM) of data 2

3 Change Moments Maps(CMMs)

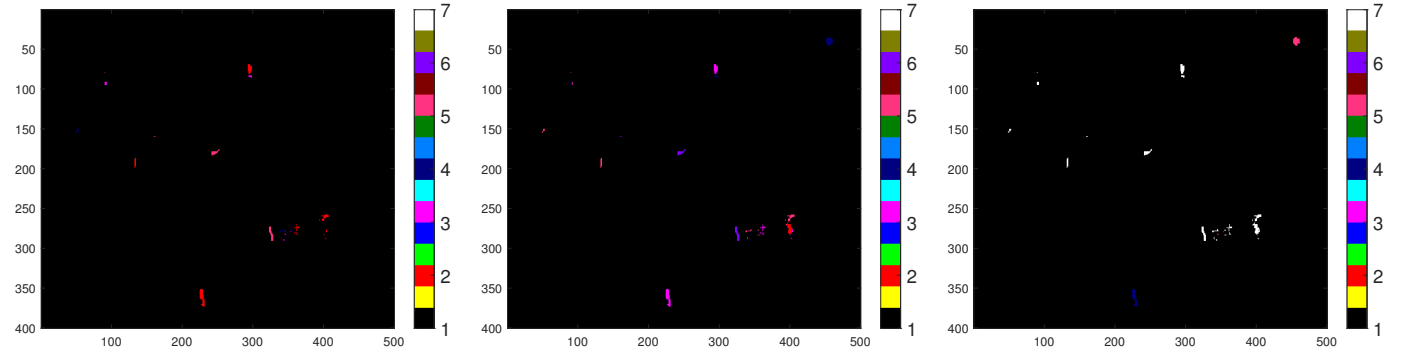
3.1 CMMs of Data 1



(a) The 1st change for objects that $CF = 1$

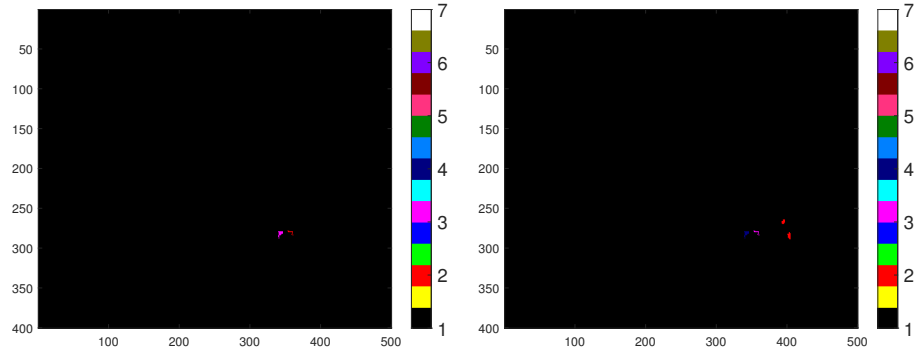


(b) The 1st change for objects that $CF = 2$ (c) The 2ed change for objects that $CF = 2$

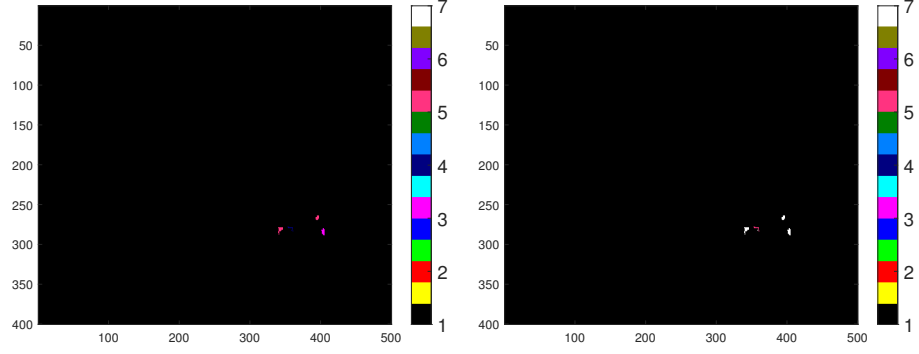


(d) The 1st change for objects that $CF = 3$ (e) The 2nd change for objects that $CF = 3$ (f) The 3rd change for objects that $CF = 3$

Figure 5: Change Moments Maps(CMMs)($CF \leq 3$) of data 1



(a) The 1st change for objects that $CF = 4$ (b) The 2nd change for objects that $CF = 4$



(c) The 3rd change for objects that $CF = 4$ (d) The 4th change for objects that $CF = 4$

Figure 6: Change Moments Maps(CMM)($CF = 4$) of data 1

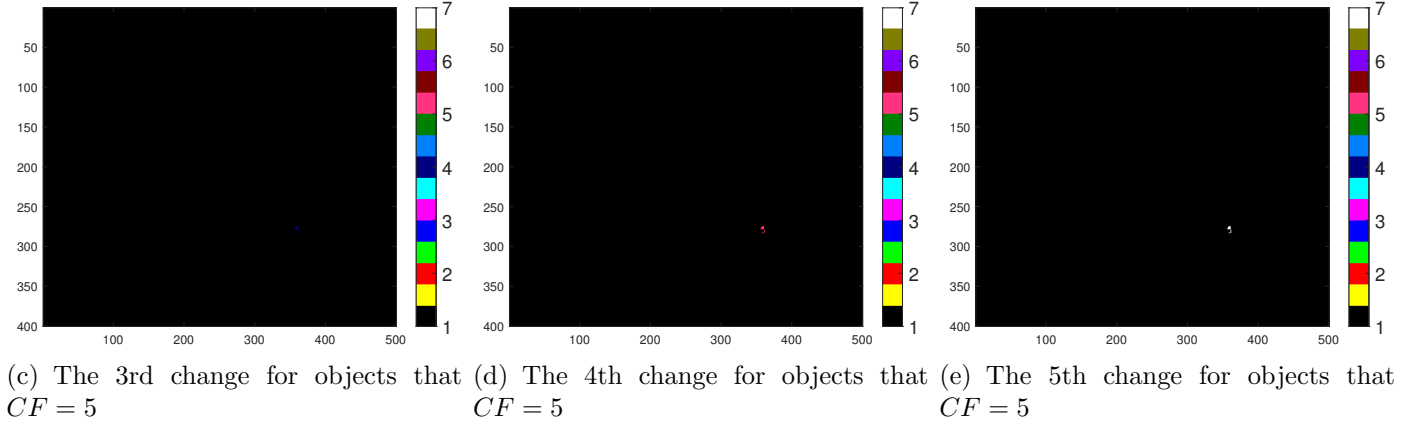
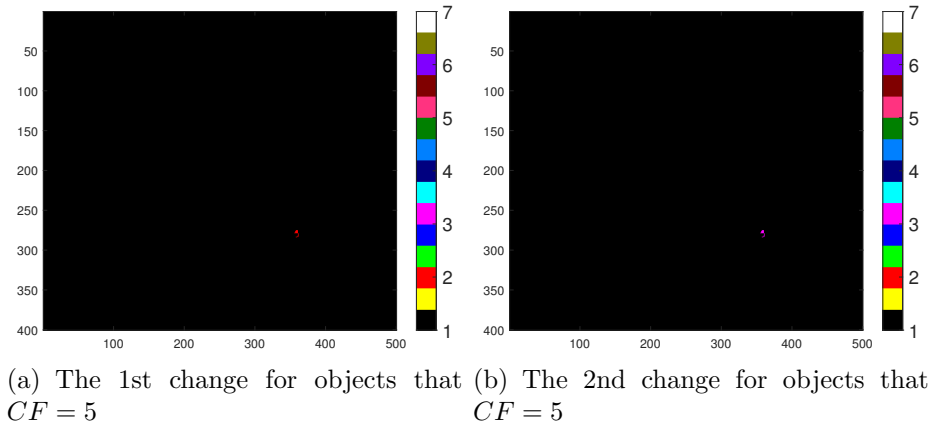
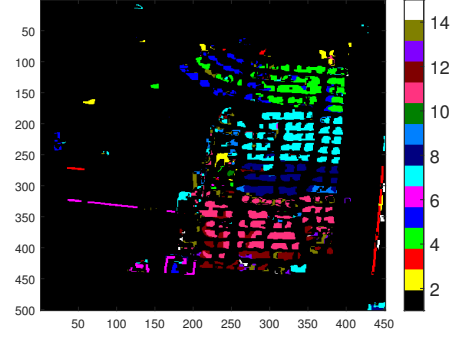
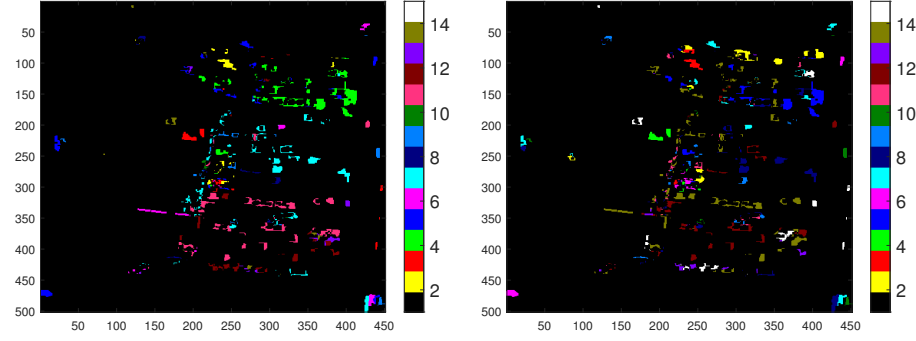


Figure 7: Change Moments Maps(CMMs)($CF = 5$) of data 1

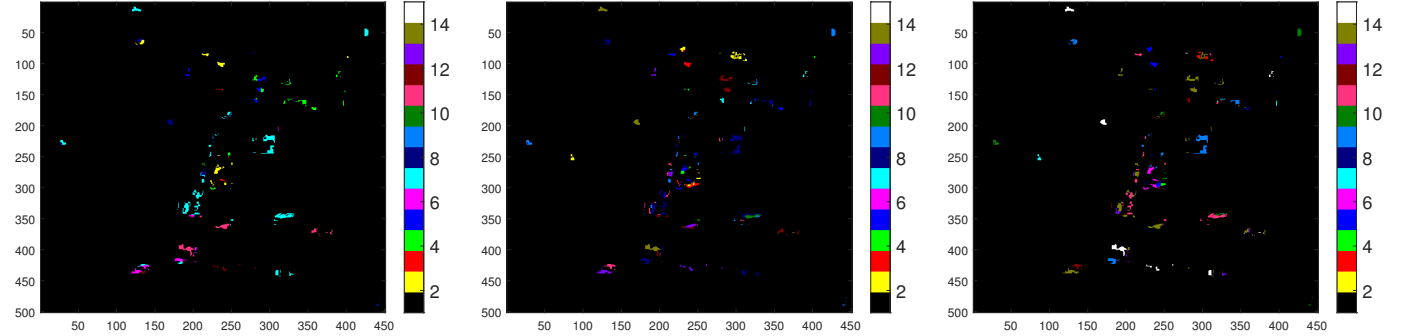
3.2 CMMs of Data 2



(a) 1st change for objects that $CF = 1$



(b) The 1st change for objects that $CF = 2$ (c) The 2ed change for objects that $CF = 2$



(d) The 1st change for objects that $CF = 3$ (e) The 2nd change for objects that $CF = 3$ (f) The 3rd change for objects that $CF = 3$

Figure 8: Change Moments Maps(CMMs)($CF \leq 3$) of data 2

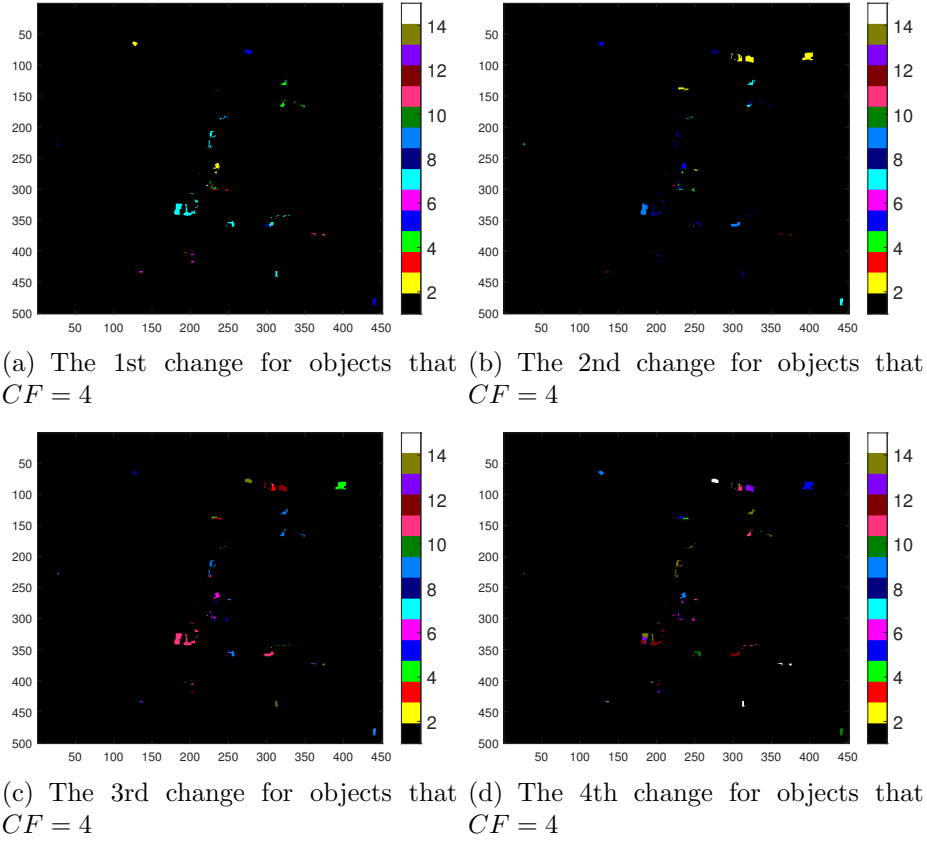


Figure 9: Change Moments Maps(CMMs)($CF = 4$) of data 2

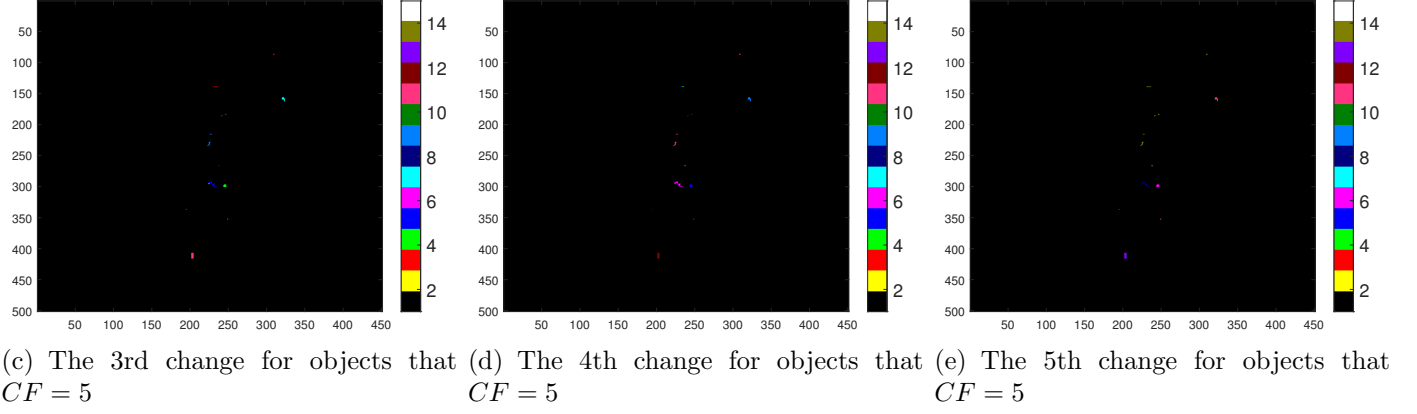
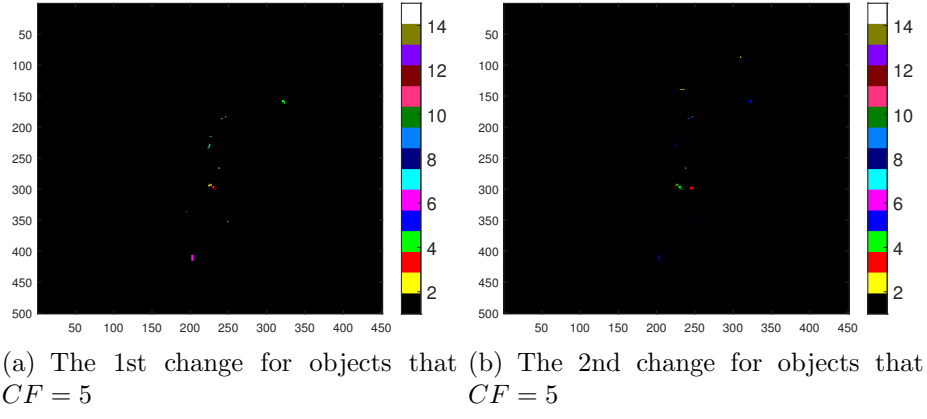


Figure 10: Change Moments Maps(CMMs)($CF = 5$) of data 2