

PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 0



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 1

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 2

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 3

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 4

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 5

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 6



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 7

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 8

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 9



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 10

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 11

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 12

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 13

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 14

PCP PTI [Chau et al., 2017]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 15

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 16

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 17

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 18

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 19

PCP PTI [Chau et al., 2017]



DECOLOR [Zhou et al., 2012]



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 20

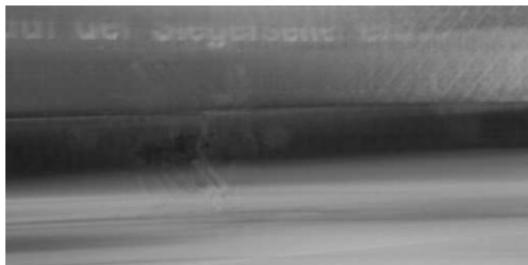
PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 21

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 22



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 23

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 24

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 25

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 26

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 27

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 28

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 29

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 30

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 31

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 32

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

Input



DeepMCBM (Ours)



Frame 33

PCP PTI [Chau et al., 2017]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 34

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 35

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 36

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 37

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 38

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 39



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 40



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 41

PCP PTI [Chau et al., 2017]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 42

PCP PTI [Chau et al., 2017]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 43

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 44

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 45

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 46

PCP PTI [Chau et al., 2017]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 47

PCP PTI [Chau et al., 2017]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 48

PCP PTI [Chau et al., 2017]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 49

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 50

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 51



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 52

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 53



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 54

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 55

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 56

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 57

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 58

PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 59

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 60

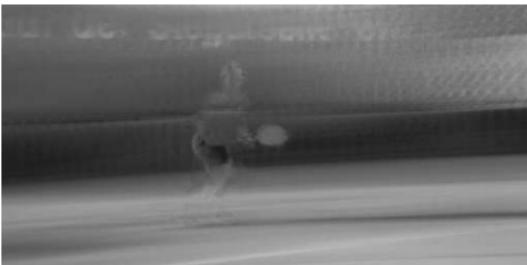
PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 61

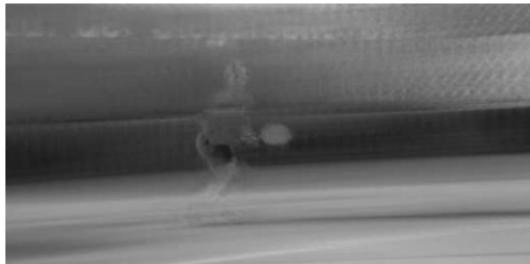
PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 62

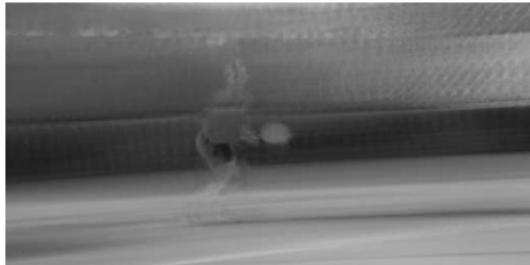
PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 63



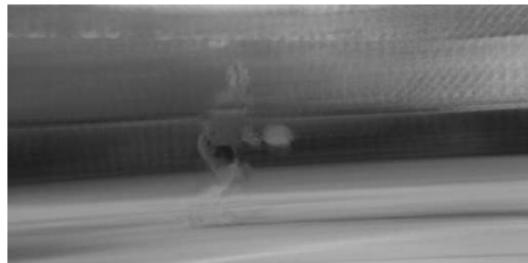
PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 64

PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 65

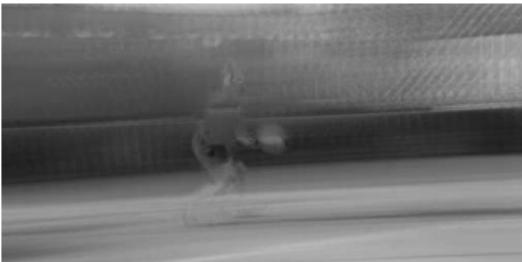
PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 66



PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]

PCP PTI [Chau et al., 2017]

Input



DeepMCBM (Ours)



Frame 67

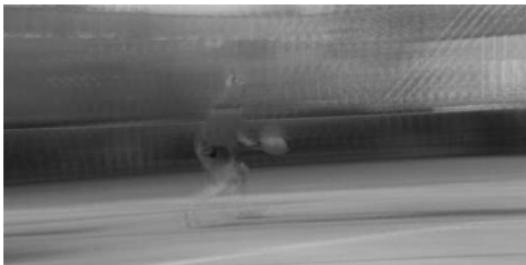
PanGAEA [Gilman et al., 2019]



JA-POLS [Chelly et al., 2020]



DECOLOR [Zhou et al., 2012]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)



Frame 68

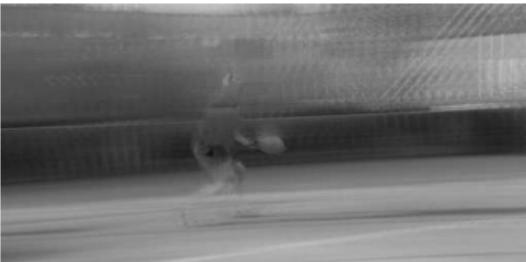
PCP PTI [Chau et al., 2017]



PanGAEA [Gilman et al., 2019]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]



PRPCA [Moore et al., 2019]



Input



DeepMCBM (Ours)

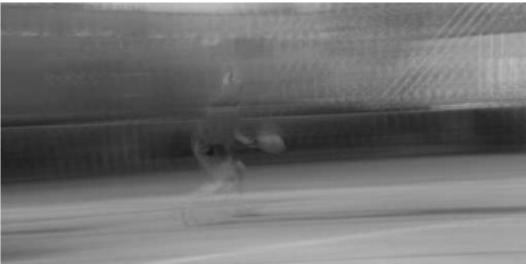


Frame 69

PCP PTI [Chau et al., 2017]



DECOLOR [Zhou et al., 2012]



JA-POLS [Chelly et al., 2020]



PRAC [Guo et al., 2014]

