

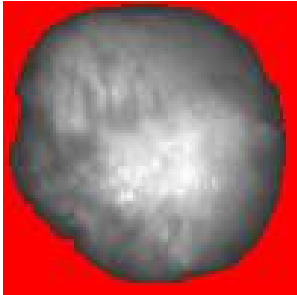
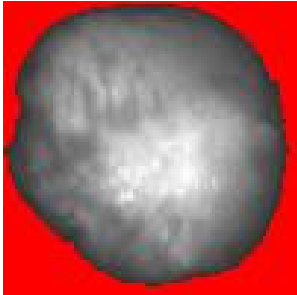
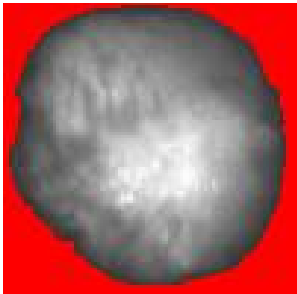
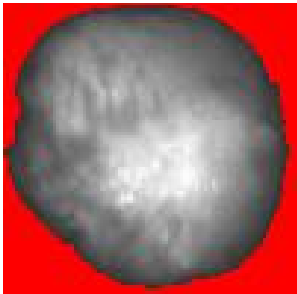
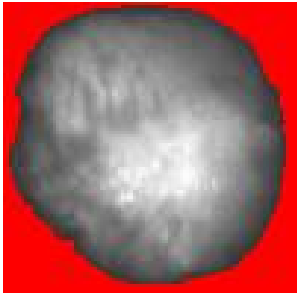
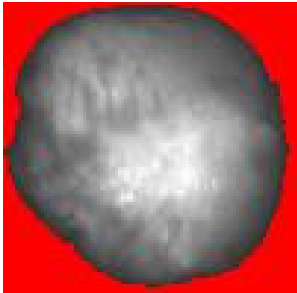
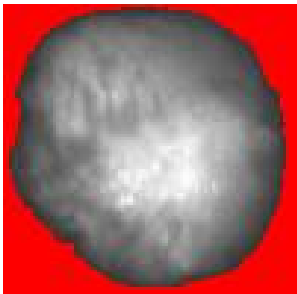
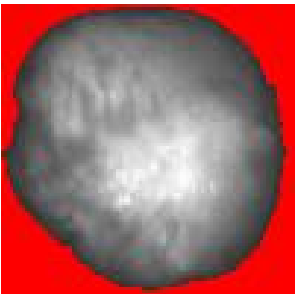
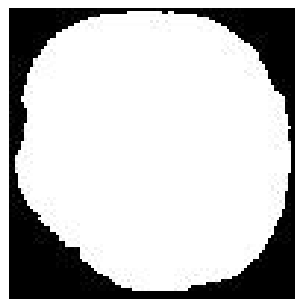
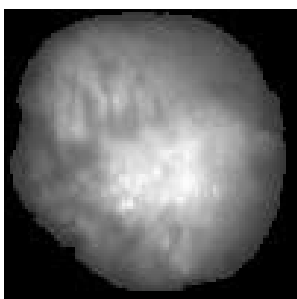
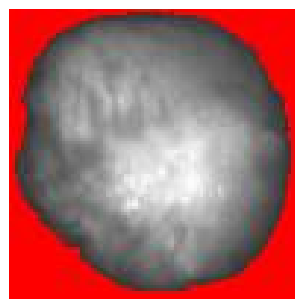
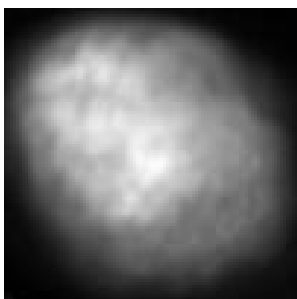
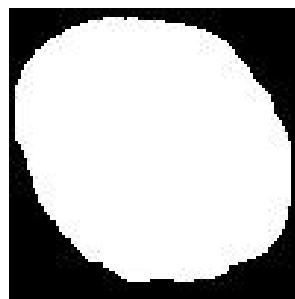
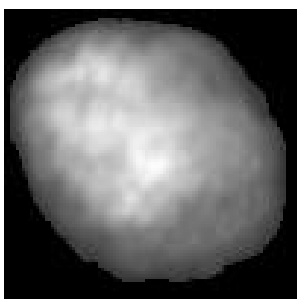
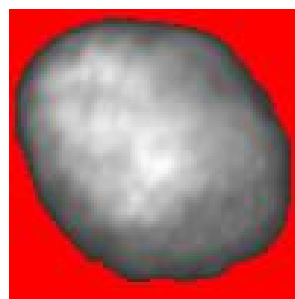
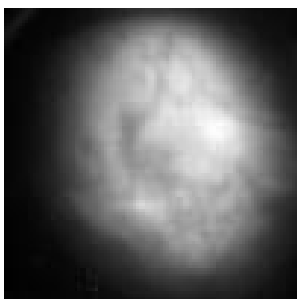
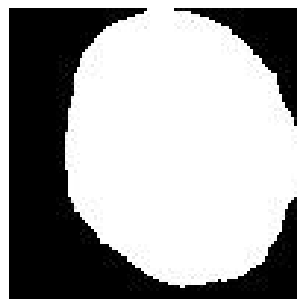
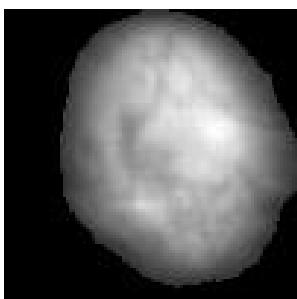
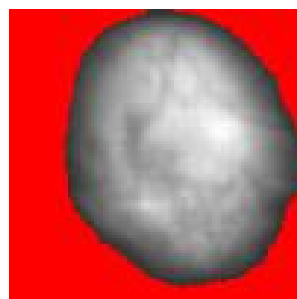
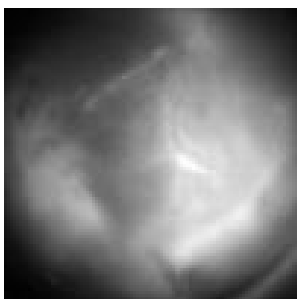
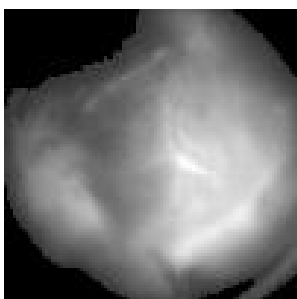
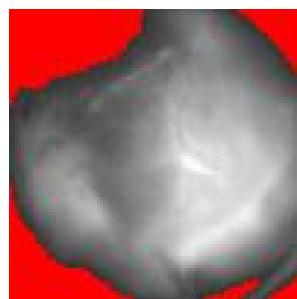
# of frames	<i>k</i> -means selected	manually selected
128		
256		
512		
1024		

Figure S1

A**Original image****B****Mask****C****Masked heart image****D****Masked heart image
in red****Figure S2**

A**Original image****B****Mask****C****Masked heart image****D****Masked heart image
in red****Figure S3**

A**Original image****B****Mask****C****Masked heart image****D****Masked heart image
in red****Figure S4**

A**Original image****B****Mask****C****Masked heart image****D****Masked heart image
in red****Figure S5**

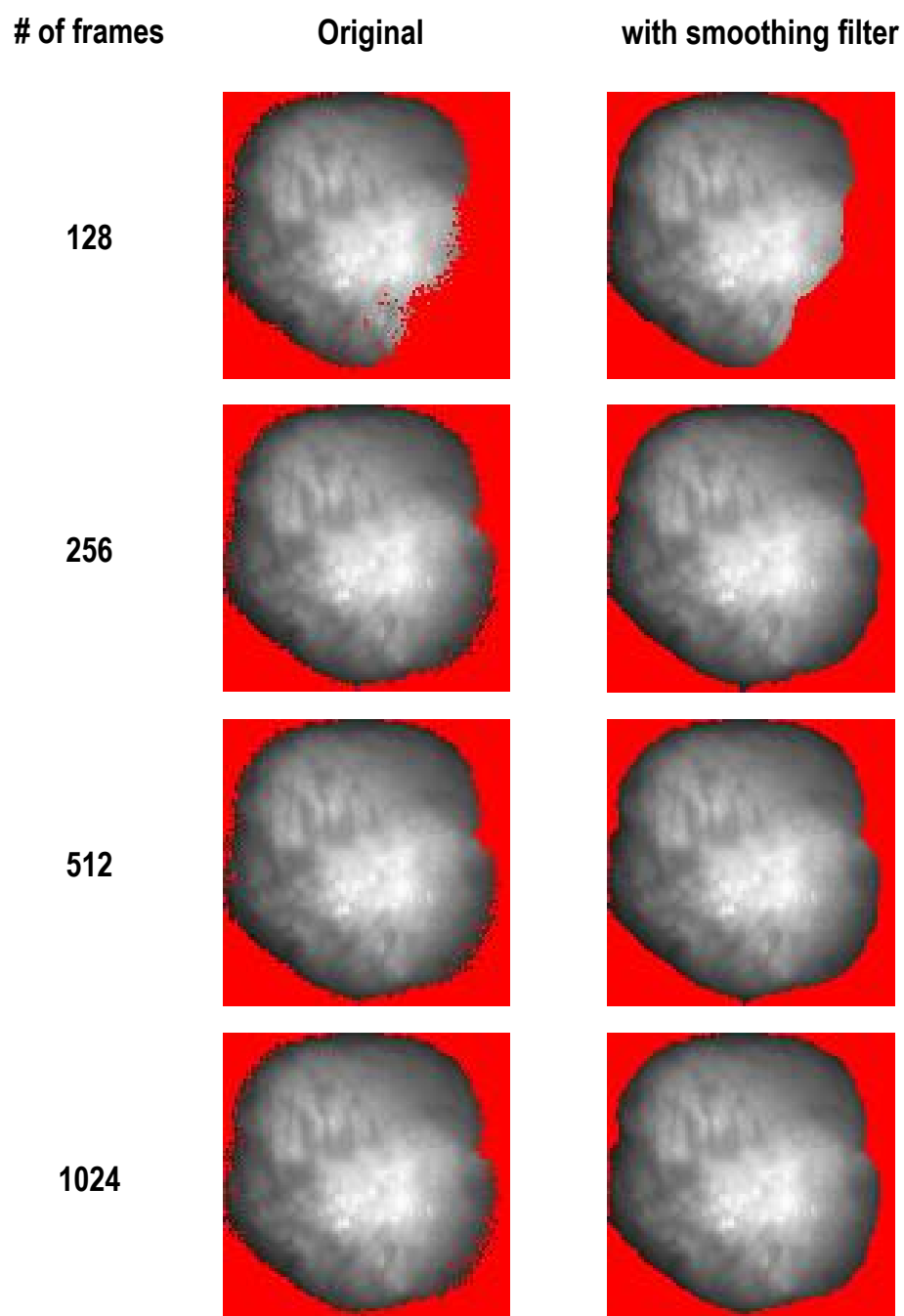
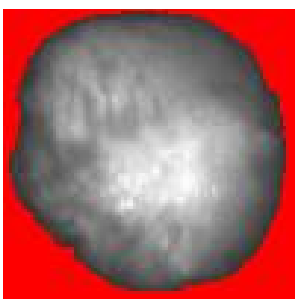


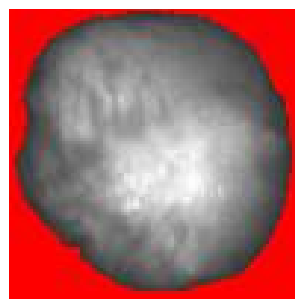
Figure S6

index of frames

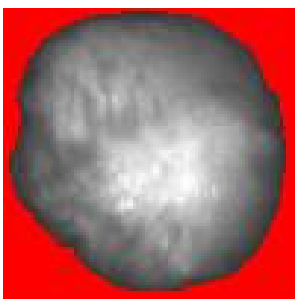
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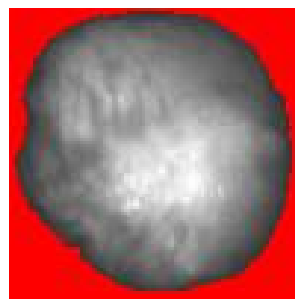
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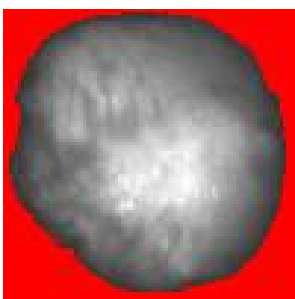
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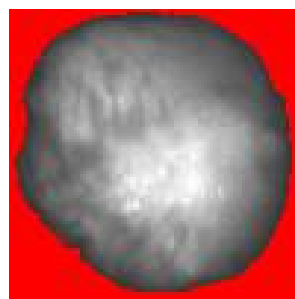
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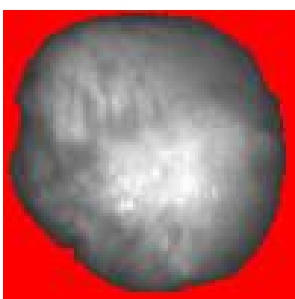
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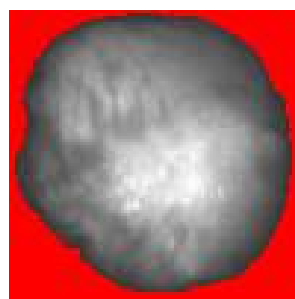
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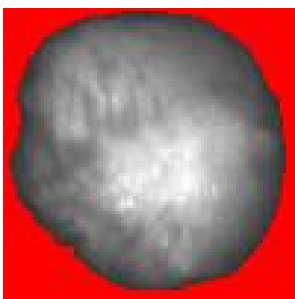
97-128



256-288



129-160



288-320

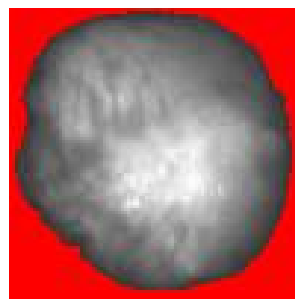


Figure S7

	128	256	512	1024	STD
k-means	0.627	0.740	0.742	0.740	0.0568
Logistic regression	0.712	0.731	0.718	0.474	0.1234
SVM	0.727	0.721	0.721	0.721	0.0030
Combined SVM	0.714	0.713	0.713	0.713	0.0005
Combined LR	0.709	0.733	0.743	0.808	0.04

Table S1