Date:_____7 Feb 2023_____

Yo	ur Name:Dr. Sameer Z	'aman			
Ma	Manuscript Title: Efficient labelling for efficient deep learning: the benefit of a multiple-image-ranking method to				
ger	generate high volume training data applied to ventricular slice level classification in cardiac MRI				
Ma	nuscript number (if known)	:JMAI-22-55-R2			
rela pai to	ated to the content of your ries whose interests may be	manuscript. "Related" mea e affected by the content on necessarily indicate a bias.	relationships/activities/interests listed below that are ans any relation with for-profit or not-for-profit third of the manuscript. Disclosure represents a commitment of the manuscript of the manuscript.		
The			ps/activities/interests as they relate to the <u>current</u>		
to	- · · · · · · · · · · · · · · · · · · ·	ension, you should declare	defined broadly. For example, if your manuscript pertain all relationships with manufacturers of antihypertensive the manuscript.		
	tem #1 below, report all sup time frame for disclosure is	•	d in this manuscript without time limit. For all other iten	ıs,	
		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)		
		Time frame: Since the initial	planning of the work		
L	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	None			
		Time frame: past	36 months		
2	Grants or contracts from any entity (if not indicated in item #1 above).	UK Research and Innovation	Salary during PhD supported by UK Research and Innovation [UKRI Centre for Doctoral Training in AI for Healthcare grant number EP/S023283/1].		
}	Royalties or licenses	None			
		_			

4	Consulting fees	None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	None	
6	Payment for expert testimony	None	
7	Support for attending meetings and/or travel	None	
8	Patents planned, issued or pending	None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	None	
11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non- financial interests	None	

Supported by UK Research and Innovation [UKRI Centre for Doctoral Training in AI for Healthcare grant number
EP/S023283/1].

Please place an "X" next to the following statement to indicate your agreement:

Date: 05/10/2022

Your Name: Kavitha Vimalesvaran

Manuscript Title: Efficient labelling for efficient deep learning: the benefit of a multiple-image-ranking method to

generate high volume training data applied to ventricular slice level classification in cardiac MRI

Manuscript number (if known): JMAI-22-55

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

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		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	UKRI	UKRI Centre for Doctoral Training in AI for Healthcare grant number EP/S023283/1
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	None	
3	Royalties or licenses	None	
4	Consulting fees	None	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	None	
6	Payment for expert testimony	None	
7	Support for attending meetings and/or travel		UKRI Centre for Doctoral Training in AI for Healthcare grant number EP/S023283/1
8	Patents planned, issued or pending	None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	None	
11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non- financial interests	None	

PhD Student supported by UKRI Centre for Doctoral Training in AI for Healthcare, Imperial College London. EP/S023283/1

Please place an "X" next to the following statement to indicate your agreement:

Date: 5th October 2022 Your Name: James Howard

Manuscript Title:

Manuscript number (if known):

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

The following questions apply to the author's relationships/activities/interests as they relate to the <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. For example, if your manuscript pertains to the epidemiology of hypertension, you should declare all relationships with manufacturers of antihypertensive medication, even if that medication is not mentioned in the manuscript.

		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	Specifications/Comments (e.g., if payments were made to you or to your institution)
1	All according to the according	Time trame. Since the mittal	planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article	British Heart Foundation	JPH is supported by The British Heart Foundation [FS/ICRF/22/26039].
	processing charges, etc.)		
	No time limit for this item.		
		Time frame: past	36 months
2	Grants or contracts from		
	any entity (if not indicated	None	
	in item #1 above).		
3	Royalties or licenses	None	
4	Consulting fees	None	
4	Consulting rees	None	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	None	
6	Payment for expert testimony	None	
7	Support for attending meetings and/or travel	None	
8	Patents planned, issued or pending	None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	None	
11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non- financial interests	None	

My salary and research costs are paid by a research grant from the British Heart Foundation to my Institution. [FS/ICRF/22/26039].

Please place an "X" next to the following statement to indicate your agreement:

Date: 06/10/2022

Your Name: Digby Chappell

Manuscript Title: Efficient labelling for efficient deep learning: the benefit of a multiple-image-ranking method to

generate high volume training data applied to ventricular slice level classification in cardiac MRI

Manuscript number (if known): JMAI-22-55

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The following questions apply to the author's relationships/activities/interests as they relate to the <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. For example, if your manuscript pertains to the epidemiology of hypertension, you should declare all relationships with manufacturers of antihypertensive medication, even if that medication is not mentioned in the manuscript.

		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	
1	All support for the present manuscript (e.g., funding,	UKRI	UKRI Centre for Doctoral Training in AI for Healthcare grant number EP/S023283/1
	provision of study materials,		
	medical writing, article		
	processing charges, etc.) No time limit for this item.		
	No time limit for this item.		
		Time frame: past	26 months
2	Grants or contracts from	X None	30 months
_	any entity (if not indicated	A NOTIC	
	in item #1 above).		
3	Royalties or licenses	X None	
4	Consulting fees	X None	

5	Payment or honoraria for	X None
	lectures, presentations,	
	speakers bureaus, manuscript writing or	
	educational events	
6	Payment for expert	X None
	testimony	Attone
	,	
7	Support for attending	X None
	meetings and/or travel	
8	Patents planned, issued or pending	X None
9	Participation on a Data	X None
	Safety Monitoring Board or Advisory Board	
10		VAlena
10	Leadership or fiduciary role in other board, society,	X None
	committee or advocacy	
	group, paid or unpaid	
11	Stock or stock options	X None
	, , , , , , , , , , , , , , , , , , ,	
12	Receipt of equipment,	X None
	materials, drugs, medical	
	writing, gifts or other	
13	services Other financial or non-	X None
13	Other financial or non- financial interests	A NOTE

PhD Student funded by UKRI Centre for Doctoral Training in AI for Healthcare grant number EP/S023283/1

Please place an "X" next to the following statement to indicate your agreement:

Date: 05/10/2022

Your Name: Marta Varela

Manuscript Title: Efficient labelling for efficient deep learning: the benefit of a multiple-image-ranking method

to generate high volume training data applied to ventricular slice level classification in cardiac MRI

Manuscript number (if known): JMAI-22-55

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

The following questions apply to the author's relationships/activities/interests as they relate to the <u>current</u> <u>manuscript only</u>.

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		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	British Heart Foundation	MV is supported by The British Heart Foundation Centre of Research Excellence at Imperial College London [RE/18/4/34215].
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	None	
3	Royalties or licenses	None	
4	Consulting fees	None	

6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	None	
7	Support for attending meetings and/or travel	None	
8	Patents planned, issued or pending	None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	None	
11	Stock or stock options	None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None	
13	Other financial or non- financial interests	None	

MV is supported by The British Heart Foundation Centre of Research Excellence at Imperial College London [RE/18/4/34215]

Please place an "X" next to the following statement to indicate your agreement:

	te:7 Feb 2023					
	Your Name: Prof. Nicholas S Peters					
	Manuscript Title: Efficient labelling for efficient deep learning: the benefit of a multiple-image-ranking method to					
gei	nerate high volume training o	data applied to ventricular	slice level classification in cardiac MRI			
Ma	Manuscript number (if known):JMAI-22-55-R2					
In the relation of the relatio	the interest of transparency ated to the content of your rties whose interests may be transparency and does not ationship/activity/interest, e following questions apply muscript only. e author's relationships/activite epidemiology of hypertedication, even if that medicated the epidemiology of the epidemiology of that medicated in the epidemiology of the epidemiol	we ask you to disclose all manuscript. "Related" me e affected by the content on necessarily indicate a bias. it is preferable that you do to the author's relationship ivities/interests should be ension, you should declare that it is not mentioned in apport for the work reported.	I relationships/activities/interests listed below that are ans any relation with for-profit or not-for-profit third of the manuscript. Disclosure represents a commitment of the manuscript. Disclosure represents a commitment of the manuscript about whether to list a poso. Ips/activities/interests as they relate to the current of defined broadly. For example, if your manuscript pertains all relationships with manufacturers of antihypertensive			
LITE	e time frame for disclosure i		Considerational Community			
		Name all entities with whom you have this	Specifications/Comments (e.g., if payments were made to you or to your			
		relationship or indicate	institution)			
		none (add rows as	institution			
		needed)				
		Time frame: Since the initia	l planning of the work			
1	All support for the present	None				
_	manuscript (e.g., funding,					
	provision of study materials,					
	medical writing, article					
	processing charges, etc.)					
	No time limit for this item.					
		Time frame: past	t 36 months			
2	Grants or contracts from	None				
	any entity (if not indicated					
	in item #1 above).					
3	Royalties or licenses	None				
4	Consulting fees	None				

6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	None		
7	Support for attending meetings and/or travel	None		
8	Patents planned, issued or pending	None		
9	Participation on a Data Safety Monitoring Board or Advisory Board	None		
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	None		
11	Stock or stock options	None		
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	None		
13	Other financial or non- financial interests	None		
Ple	Please summarize the above conflict of interest in the following box:			

None		

Please place an "X" next to the following statement to indicate your agreement:

Date: 5th October 2022

Your Name: Professor Darrel Francis

Manuscript Title: Efficient labelling for efficient deep learning: the benefit of a multiple-image-ranking method to

generate high volume training data applied to ventricular slice level classification in cardiac MRI

Manuscript number (if known): JMAI-22-55

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

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		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	planning of the work
1	All support for the present	None	
	manuscript (e.g., funding,		
	provision of study materials,		
	medical writing, article		
	processing charges, etc.)		
	No time limit for this item.		
		Time frame: past	36 months
2	Grants or contracts from	None	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	None	
4	Consulting fees	None	

5	Payment or honoraria for	None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	None	
	testimony		
7	Support for attending meetings and/or travel	None	
8	Patents planned, issued or	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy group, paid or unpaid		
11	Stock or stock options	None	
12	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	None	
	financial interests		

one	

Please place an "X" next to the following statement to indicate your agreement:

Date: 5th October, 2022 Your Name: Anil A Bharath

Manuscript Title: Efficient Labelling for Efficient Deep Learning: the benefit of a multiple-image-ranking method to

generate high volume training data applied to ventricular slice level classification in cardiac MRI

Manuscript number (if known):

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

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		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials,	None	
	medical writing, article		
	processing charges, etc.)		
	No time limit for this item.		
		Time frame: past	36 months
2	Grants or contracts from	None	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	None	
4	Consulting fees	None	

5	Payment or honoraria for	None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	None	
	testimony		
7	Comment for attending	N	
7	Support for attending	None	
	meetings and/or travel		
8	Patents planned, issued or	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy group, paid or unpaid		
11	Stock or stock options	None	
11	Stock of Stock options	None	
12	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	None	
	financial interests		

None	

Please place an "X" next to the following statement to indicate your agreement:

Date: 6/10/22

Your Name: Nick Linton

Manuscript Title: Efficient labelling for efficient deep learning: the benefit of a multiple-image-ranking method to

generate high volume training data applied to ventricular slice level classification in cardiac MRI

Manuscript number (if known):

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

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1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	None None	planning of the work
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	None	
3	Royalties or licenses	None	
4	Consulting fees	None	

5	Payment or honoraria for	None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	None	
	testimony		
7	Support for attending meetings and/or travel	None	
8	Patents planned, issued or	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	None	
12	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	None	
	financial interests		

None	

Please place an "X" next to the following statement to indicate your agreement:

Date: 31st March 2023 Your Name: Graham D Cole

Manuscript Title: Efficient labelling for efficient deep learning: the benefit of a multiple-image-ranking method

to generate high volume training data applied to ventricular slice level classification in cardiac MRI

Manuscript number (if known): JMAI-22-55

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		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	Specifications/Comments (e.g., if payments were made to you or to your institution) planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	None	GDC is supported by the National Institute of Health Research (NIHR) Imperial Biomedical Research Centre (BRC).
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	None	
3	Royalties or licenses	None	

4	Consulting fees	None	
5	Payment or honoraria for lectures, presentations,	None	
	speakers bureaus,		
	manuscript writing or		
_	educational events	Nege	
6	Payment for expert testimony	None	
	testimony		
7	Support for attending	None	
,	meetings and/or travel		
	5 .		
8	Patents planned, issued or	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy group, paid or unpaid		
11	Stock or stock options	None	
12	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	None	
	financial interests		

GDC is supported by the National Institute of Health Research (NIHR) Imperial Biomedical Research Centre (BRC).

Please place an "X" next to the following statement to indicate your agreement: