Date:	17 May 2023
Your Name	:Yongjie Wang
Manuscript	Title: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images
Manuscript	number (if known): QIMS-23-685

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 support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.		evelopment Research Project (KJ2023CX032)
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	xNone	
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	xNone

None.

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

Date:17	7 May 2023
Your Name:_	Feng Su
Manuscript T	itle: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images
Manuscript n	umber (if known): QIMS-23-685

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 support for the present		
1	All support for the present manuscript (e.g., funding,	xNone	
	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	xNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	xNone

None.

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

Date:	_17 May 2023
Your Name	:Qian Lu
Manuscrip	t Title: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images
Manuscrip	t number (if known): QIMS-23-685

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 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).	xNone	
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	xNone

None.

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

Date:17 May 2023
Your Name:Kaiwen Zhang
Manuscript Title: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images
Manuscript number (if known): QIMS-23-685

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 support for the present		
1	All support for the present manuscript (e.g., funding,	xNone	
	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	xNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	xNone

None.

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

Date:17 May 2023	
Your Name:Tao Liu	
Manuscript Title: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images	
Manuscript number (if known): QIMS-23-685	

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 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).	xNone	
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	xNone

None.

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

Date:17 May 2023
Your Name:Yining Tao
Manuscript Title: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images
Manuscript number (if known): QIMS-23-685

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 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).	xNone	
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	xNone

None.

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

Date:17 May 2023
Your Name:Shuai Fu
Manuscript Title: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images
Manuscript number (if known):QIMS-23-685

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			
1	All support for the present manuscript (e.g., funding,	xNone	
	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	xNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	xNone
13	Other financial or non- financial interests	xNone

None.

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

Date:17 May 2023
Your Name:Libin Cui
Manuscript Title: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images
Manuscript number (if known): QIMS-23-685

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 support for the present		
1	All support for the present manuscript (e.g., funding,	xNone	
	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	xNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	xNone

None.

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

Date:17 May 2023
Your Name: Shi-bao Lu
Manuscript Title: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images
Manuscript number (if known): QIMS-23-685

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 support for the present		
1	All support for the present manuscript (e.g., funding,	xNone	
	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	xNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	xNone

None.

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

Date:17 May 2023
Your Name: Xueming Chen
Manuscript Title: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images
Manuscript number (if known): QIMS-23-685

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)	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.	x_None	
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	xNone	
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	xNone
13	Other financial or non- financial interests	xNone

None.

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

Date:17 May 2023
Your Name:Zhenyun Shi
Manuscript Title: Deep learning-driven diagnosis of multi-type vertebra diseases based on CT images
Manuscript number (if known): QIMS-23-685

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 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).	xNone	
3	Royalties or licenses	xNone	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	xNone
7	Support for attending meetings and/or travel	xNone
8	Patents planned, issued or pending	xNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	xNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	xNone
11	Stock or stock options	xNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	xNone

None.

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