Date:_2023-04-03
our Name: Joseph Madamesila
Manuscript Title: Can Machine Learning Improve Early Detection of Brain Metastases using Diffusion Weighted Imaging-
pased Radiomics?
Manuscript number (if known): n/a

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	Specifications/Comments
		whom you have this	(e.g., if payments were made to you or to your
		relationship or indicate	institution)
		none (add rows as	
		needed)	
		Time frame: Since the initial	planning of the work
1	All support for the present	Alberta Innovates: Data-	Payments made directly
	manuscript (e.g., funding,	Enabled Innovation	
	provision of study materials,	Brain Tumour Foundation	Payments made to institution. Grant holder are ET and
	medical writing, article	of Canada	NP (authors on paper and graduate school supervisors).
	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	xNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	x None	
Ü	testimony		
	testimony		
7	Command for addition	Name	
/	Support for attending	xNone	
	meetings and/or travel		
8	Patents planned, issued or	x None	
	pending		
	penam <sub>8</sub>		
9	Participation on a Data	x None	
9	Safety Monitoring Board or	x_None	
	Advisory Board		
	•		
10	Leadership or fiduciary role	xNone	
	in other board, society,		
	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		
	services		
13	Other financial or non-	x None	
	financial interests		
	a. interests		

## Please summarize the above conflict of interest in the following box:

The author JM was supported by Alberta Innovates: Data-Enabled Innovation; and the Brain
Tumour Foundation of Canada (recipients are my supervisors ET and NP).

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

\_\_x\_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date:_	27 Mar 2023
Your N	ame: Ekaterina Tchistiakova
Manus	cript Title: Can Machine Learning Improve Early Detection of Brain Metastases using Diffusion Weighted Imaging-
based I	Radiomics?
Manus	cript number (if known): n/a
	<u> </u>

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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.	Brain Tumor Foundation of Canada  Time frame: past	Grant awarded Fall 2022 to support this work
2	Grants or contracts from any entity (if not indicated in item #1 above).	None	
3	Royalties or licenses	None	
4	Consulting fees	None	

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

# Please summarize the above conflict of interest in the following box:

ET have received a grant from the Brain Tumour Foundation of Canada to support this work.

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

\_x\_\_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date:	_24-Mar-23
Your Name:	Salman Faruqi
<b>Manuscript Tit</b>	le: Can Machine Learning Improve Early Detection of Brain Metastases using Diffusion Weighted Imaging
based Radiomic	<u>cs?</u>
Manuscript nu	mber (if known): <u>n/a</u>

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

5	Payment or honoraria for lectures, presentations, speakers bureaus,	None	Sanofi for the management of cutaneous non-melanoma malignancies (education and advisory)
	manuscript writing or educational events		
6	Payment for expert testimony	xNone	
7	Support for attending meetings and/or travel	xNone	
8	Patents planned, issued or	xNone	
	pending		
9	Participation on a Data Safety Monitoring Board or	_xNone	
10	Advisory Board  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	xNone	
	services		
13	Other financial or non- financial interests	xNone	
	ase summarize the above co	nflict of interest in	the following box:
1	None		

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

\_\_x\_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

Date: March 24, 2023
Your Name: Subhadip Das
Manuscript Title: Can Machine Learning Improve Early Detection of Brain Metastases using Diffusion Weighted Imaging
based Radiomics?
Manuscript number (if known): n/a

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		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	
		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	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		
12	Receipt of equipment,	None		
	materials, drugs, medical			
	writing, gifts or other			
	services			
13	Other financial or non-	None		
	financial interests			
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PIC	Please summarize the above conflict of interest in the following box:			
	None			
1	1 10110			

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

\_x\_\_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

**Date:** 24 March 2023 **Your Name:** Nicolas Ploquin

Manuscript Title: Can Machine Learning Improve Early Detection of Brain Metastases using Diffusion Weighted Imaging-

based Radiomics?

Manuscript number	(if known): n/a
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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,	None	
	manuscript writing or educational events		
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	None	
	Safety Monitoring Board or		
10	Advisory Board	N	
10	Leadership or fiduciary role in other board, society,	None	
	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- financial interests	None	

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NP have received a grant from the Brain Tumour Foundation of Canada to support this work.					

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

\_x\_\_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.