Date:9/26/2023			
Your Name:Nicholas S	pies		
Manuscript Title: Machin	ne Learning Models Accu	rately Predict Parathyroid Hormone–Related P	eptide
Results but Fail to Predict	Physician Behavior		
Manuscript number (if kno	own): JLPM-23-9		
In the interest of transpare	ency, we ask you to disc	lose all relationships/activities/interests listed	l below
related to the content of y third	our manuscript. "Relate	d" means any relation with for-profit or not-fo	r-profit
parties whose interests m commitment	ay be affected by the co	ntent of the manuscript. Disclosure represent	s a
to transparency and does relationship/activity/interest		a bias. If you are in doubt about whether to liou do so.	ist a
The following questions a current manuscript only.	pply to the author's rela	tionships/activities/interests as they relate to	the
The author's relationships pertains to the epidemiology of hyp	pertension, you should d	uld be <u>defined broadly</u> . For example, if your m eclare all relationships with manufacturers of on is not mentioned in the manuscript.	-
In item #1 below, report al other items, the time frame for disclos		eported in this manuscript without time limit.	For all
	Name all entities with whom you have this relationship or indicate none (add rows as	Specifications/Comments (e.g., if payments were made to you or to your institution)	

		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)
	Ti	me frame: Since the initia	l 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.	XNone	
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated	_XNone	

	in item #1 above).		
3	Royalties or licenses	X None	
3	hoyanies or licenses	A_None	
4	Consulting food	X None	
4	Consulting fees	_AINOTIE	
_	D	V N	
5	Payment or honoraria for	_XNone	
	lectures, presentations, speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	X None	
	testimony	_XNone	
	lestimony		
7	Support for attending	XNone	
•	meetings and/or travel		
	Detents planted issued	V Name	
8	Patents planned, issued or pending	X_None	
9	Participation on a Data	X None	
9	Safety Monitoring Board	X_NONE	
	or Advisory Board		
10	Leadership or fiduciary	XNone	
	role in other board,		
	society, committee or		
	advocacy group, paid or		
	unpaid		
11	Stock or stock options	_XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	X_None	
	financial interests		
DI	ease summarize the abo	ve conflict of interest	in the following boy:
FI	ease summanze the abo	ve confinct of interest	in the following box.

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:_09/26/2023

Your Name:_Christopher W Farnswort

Manuscript Title:_Machine learning pipelines developed for the prediction of cancelation of inappropriate parathyroid hormone-related peptide orders demonstrate performance in predicting provider behavior

Manuscript number (if known):_ JLPM-23-9

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>

manuscript only.

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.

In item #1 below, report all support for the work reported in this manuscript without time limit. For all other items,

the time frame for disclosure is the past 36 months.

		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)
	Ti	me frame: Since the initia	l 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	t 36 months
2	Grants or contracts from any entity (if not indicated	CDC BAA 75D301-20- R-68024	Roche
	in item #1 above).	CDC BAA 75D301-22- R-72097	Siemens
		Abbott Diagnostics	Beckman coulter
		Cepheid	Biomerieux
		Sebia	Binding Site
3	Royalties or licenses	x_None	
4	Consulting fees	Cytovale Siemens Bio-Rad	Werfen Abbott
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	Abbott Werfen	
6	Payment for expert testimony	x_None	
7	Support for attending meetings and/or travel	None	ADLM support for travel to annual scientific meeting
8	Patents planned, issued or pending	None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	x_None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	x_None	
11	Stock or stock options	x_None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	_xNone	
13	Other financial or non- financial interests	_xNone	

Please summarize the above co	iflict of interest in	i the following b	oox:
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I have received grant support, speaking honoraria, and travel support to scientific conferences for various topics in laboratory medicine, none of which pertain to the contents of this manuscript.

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.

Your Name:Ronald Jackups	
Manuscript Title: Machine Learning Models Acc	urately Predict Parathyroid Hormone–Related Peptide
Results but Fail to Predict Physician Behavior	
Manuscript number (if known): JLPM-23-9	
In the interest of transparency, we ask you to disc that are	close all relationships/activities/interests listed below
related to the content of your manuscript. "Relate third	ed" means any relation with for-profit or not-for-profit
parties whose interests may be affected by the co commitment	ontent of the manuscript. Disclosure represents a
to transparency and does not necessarily indicate relationship/activity/interest, it is preferable that y	e a bias. If you are in doubt about whether to list a you do so.
The following questions apply to the author's relacurrent manuscript only.	tionships/activities/interests as they relate to the
The author's relationships/activities/interests sho	ould be <u>defined broadly</u> . For example, if your manuscrip
to the epidemiology of hypertension, you should antihypertensive medication, even if that medicat	•
In item #1 below, report all support for the work r other items, the time frame for disclosure is the past 36 month	eported in this manuscript without time limit. For all
Name all entities with	Specifications/Comments (e.g., if payments were made to you or to your
whom you have this relationship or indicate none (add rows as	institution)

		whom you have this relationship or indicate none (add rows as needed)	(e.g., if payments were made to you or to your institution)
	Ti	me frame: Since the initia	planning of the work
1	All support for the	X_None	
	present 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	_XNone	
	any entity (if not indicated		

	in item #1 above).		
3	Royalties or licenses	X None	
3	hoyaities or licenses	A_None	
4	Consulting food	X None	
4	Consulting fees	_AINOTIE	
_	D	V N	
5	Payment or honoraria for	_XNone	
	lectures, presentations, speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	X None	
	testimony	_XNone	
	lestimony		
7	Support for attending	XNone	
•	meetings and/or travel		
	Detents planted issued	V Name	
8	Patents planned, issued or pending	X_None	
9	Participation on a Data	X None	
9	Safety Monitoring Board	X_NONE	
	or Advisory Board		
10	Leadership or fiduciary	XNone	
	role in other board,		
	society, committee or		
	advocacy group, paid or		
	unpaid		
11	Stock or stock options	_XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	X_None	
	financial interests		
DI	ease summarize the abo	ve conflict of interest	in the following boy:
FI	ease summanze the abo	ve confinct of interest	in the following box.

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: 09/26/2023

Your Name:_Mark A. Zaydman

Manuscript Title:_Machine learning pipelines developed for the prediction of cancelation of inappropriate parathyroid hormone-related peptide orders demonstrate performance in predicting

provider behavior

Manuscript number (if known):_ JLPM-23-9

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 current manuscript only.

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.

In item #1 below, report all support for the work reported in this manuscript without time limit. For all other items,

the time frame for disclosure is the past 36 months.

		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	None	BioMerieux - Grant for different predictive modeling				

	any entity (if not indicated in item #1 above).		project
3	Royalties or licenses	x_None	
4	Consulting fees	x_None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	None	ADLM – speaker honoraria on topics related to predictive analytics API – speaker honoraria related to ML algorithmic fairness
6	Payment for expert testimony	x_None	
7	Support for attending meetings and/or travel	None	ADLM support for travel to annual scientific meeting API support for travel to annual summit
8	Patents planned, issued or pending	None	Patent regarding analysis of immunoassays Patent regarding analytical methods for anlayzing bacteria proteomes Planned patent for metabolic cage modeling software
9	Participation on a Data Safety Monitoring Board or Advisory Board	x_None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	None	ADLM data analytics steering committee member
11	Stock or stock options	x_None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	_xNone	
13	Other financial or non- financial interests	_xNone	

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

I have received grant support, speaking honoraria, and travel support to scientific conferences for topic related to applied data analytics and machine learning in laboratory medicine. None of these pertain to the present project and manuscript.

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.