Date: <u>June 9th, 2021</u>
Your Name: Xinran Dong
Manuscript Title: Development and validation of Auto-Neo-EEG to estimate brain age and predict report
conclusion for Electroencephalography monitoring data in neonatal intensive care units
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)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial plannin	g of the work
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.)	the National Key Research and Development Project of China (2018YFC0116903)	in the data collection procedure by paying the nurses who operated the machine and helped the data analysis procedure in purchasing the computer clusters for large-scale data storage and computing
	No time limit for this item.	Intelligent Medical Research Project of Shanghai Health and Family Planning Commission (2018ZHYL0225)	in the data collection procedure by paying the clinician and researchers to collect and clean the original EEG dataset and clinical report, to perform the clinical report decomposing and label revision
2	Crants or contracts from	Time frame: past 36 mont	ths
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	None	
6	Payment for expert testimony	None	
	testimony		
7	Support for attending	None	
'	meetings and/or travel	None	
	meetings and, or traver		
8	Patents planned, issued or pending	None	
9	Safety Monitoring Board or	None	
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		None	
	materials, drugs, medical		
	writing, gifts or other		
40	services		
13	Other financial or non-	None	
	financial interests		

Funding 2018YFC0116903 and 2018ZHYL0225 support the present manuscript. I have no conflicts of interest to declare.

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

Date: <u>June 9th, 2021</u>
Your Name: Yanting Kong
Manuscript Title: Development and validation of Auto-Neo-EEG to estimate brain age and predict report
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Manuscript number (if known):

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		needed)	planning of the work
		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.	Intelligent Medical Research Project of Shanghai Health and Family Planning Commission (2018ZHYL0225)	in the data collection procedure by paying the clinician and researchers to collect and clean the original EEG dataset and clinical report, to perform the clinical report decomposing and label revision
		Time frame: past	36 months
2	Grants or contracts from	None	
2		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		
6	educational events Payment for expert	None	
0	testimony	None	
7	Support for attending meetings and/or travel	None	
	meetings and, or traver		
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	
١	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	None	
	financial interests		

Funding 2018ZHYL0225 supports the current manuscript. I have no conflicts of interest to declare

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

Date: <u>June 9th, 2021</u>	
Your Name: Yan	Xu
Manuscript Title:	Development and validation of Auto-Neo-EEG to estimate brain age and predict report
conclusion for Electro	pencephalography monitoring data in neonatal intensive care units
Manuscript number	(if known)·

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		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 lectures, presentations,	None	
	speakers bureaus,		
	manuscript writing or educational events		
6	Payment for expert	None	
6	testimony	None	
	testimony		
7	Support for attending	None	
,	meetings and/or travel	None	
	3 ,		
8	Patents planned, issued or	None	
	pending		
9	•	None	
	Safety Monitoring Board or		
	Advisory Board		
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,	None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	None	
	financial interests		

no conflicts of interest to declare		

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

Date: <u>June 9th, 2021</u>	
Your Name: Yuan	feng Zhou
Manuscript Title:	Development and validation of Auto-Neo-EEG to estimate brain age and predict report
conclusion for Electro	encephalography monitoring data in neonatal intensive care units
Manuscript number (i	f known):

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		Time frame: Since the initial	planning of the work
1	All support for the present	None	
	manuscript (e.g., funding, provision of study materials,		
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	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 lectures, presentations, speakers bureaus,	None	
	manuscript writing or educational events		
6	Payment for expert	None	
6	testimony	None	
7	Support for attending	None	
,	meetings and/or travel	None	
	3 ,		
8	Patents planned, issued or	None	
	pending		
9	Participation on a Data Safety Monitoring Board or	None	
	Advisory Board		
10	Leadership or fiduciary role in other board, society, committee or advocacy	None	
	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		

no conflicts of interest to declare		

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

Date: <u>June 9th, 2021</u>	
Your Name: Xinhu	a Wang
Manuscript Title:	Development and validation of Auto-Neo-EEG to estimate brain age and predict report
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Manuscript number (i	f known):

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	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 lectures, presentations, speakers bureaus,	None	
	manuscript writing or educational events		
6	Payment for expert	None	
6	testimony	None	
7	Support for attending	None	
,	meetings and/or travel	None	
	3 ,		
8	Patents planned, issued or	None	
	pending		
9	Participation on a Data Safety Monitoring Board or	None	
	Advisory Board		
10	Leadership or fiduciary role in other board, society, committee or advocacy	None	
	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		

no conflicts of interest to declare		

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

Pate: <u>June 9th, 2021</u>				
Your Name: <u>Tiantian Xiao</u>				
Manuscript Title: Development and validation of Auto-Neo-EEG to estimate brain age and predict report				
conclusion for Electroencephalography monitoring data in neonatal intensive care units				
Manuscript number (if known):				

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		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,	None	
	manuscript writing or educational events		
6	Payment for expert	None	
6	testimony	None	
7	Support for attending	None	
,	meetings and/or travel	None	
	3 ,		
8	Patents planned, issued or	None	
	pending		
9	Participation on a Data Safety Monitoring Board or	None	
	Advisory Board		
10	Leadership or fiduciary role in other board, society, committee or advocacy	None	
	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		

no conflicts of interest to declare		

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Date: <u>June 9th, 2021</u>	
Your Name: <u>Bin C</u>	nen
Manuscript Title:	Development and validation of Auto-Neo-EEG to estimate brain age and predict report
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		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	lectures, presentations, speakers bureaus, manuscript writing or	None	
6	educational events Payment for expert	None	
6	testimony	None	
	testimony		
7	Support for attending	None	
,	meetings and/or travel	None	
	3 ,		
8	Patents planned, issued or	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		
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,	None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	None	
	financial interests		

no conflicts of interest to declare		

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

Date: <u>June 9th, 2021</u>				
Your Name: Yulan Lu				
Manuscript Title: Development and validation of Auto-Neo-EEG to estimate brain age and predict report				
conclusion for Electroencephalography monitoring data in neonatal intensive care units				
Manuscript number (if known):				

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		Time frame: past	36 months
2		None	

	Grants or contracts from any entity (if not indicated in item #1 above).		
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	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	

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

Date: <u>June 9th, 2021</u>				
Your Name: Guogiang Cheng				
Manuscript Title:	Development and validation of Auto-Neo-EEG to estimate brain age and predict report			
conclusion for Electro	pencephalography monitoring data in neonatal intensive care units			
Manuscript number (if known):			

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		Time frame: past 36 mon	ths
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3	Royalties or licenses	None	

4	Consulting fees	None	
_			
5	Payment or honoraria for lectures, presentations,	None	
	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	None	
	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	
	орионо		
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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Date: <u>June 9th, 2021</u>				
Your Name: Wenhao Zhou				
Manuscript Title: Development and validation of Auto-Neo-EEG to estimate brain age and predict report				
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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.	Shanghai Municipal Science and Technology Major Project (2018SHZDZX05) the National Key Research and Development Project of China (2018YFC0116903)	in the data collection procedure by paying the nurses who operated the machine and helped the data analysis procedure in purchasing the computer clusters for large-scale data storage and computing in the data collection procedure by paying the nurses who operated the machine and helped the data analysis procedure in purchasing the computer clusters for large-scale data storage and computing
		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		None
5	lectures, presentations, speakers bureaus,	None
6		None
	·	
	,	
7	Support for attending	None
	meetings and/or travel	
	-	
8	Patents planned, issued or pending	None
9	Participation on a Data Safety Monitoring Board or Advisory Board	None
10		None
	=	
11		None
	Consulting fees Payment or honoraria for 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	None
12	Consulting fees Payment or honoraria for 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 None Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or non- None	None
13		None

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