

Erratum

# Erratum: Martín-Montero et al. Bispectral Analysis of Heart Rate Variability to Characterize and Help Diagnose Pediatric Sleep Apnea. *Entropy* 2021, 23, 1016

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The author wishes to make the following correction to this paper [1]. Due to missing data, five rows were added to Table 4. Before:

Threshold: AHI = 1 e/h				
Feature/Model	Se	Sp	Acc	AUC
VLF_f2m	44.5	72.3	53.9	0.605
LF_BE <sub>2</sub>	42.1	72.7	52.4	0.581
HF_PE	42.9	63.3	49.8	0.55
BW2_RP <sub>Diag</sub>	50.9	64.8	55.6	0.629
BW2_BE <sub>1</sub>	47.1	59.4	51.3	0.559
BWRes_B <sub>min</sub>	40.5	57.4	46.2	0.482
BWRes_BE <sub>3</sub>	41.5	57.4	46.9	0.513
MLP1 <sub>Classic</sub>	52.3	59.4	54.7	0.6
MLP1 <sub>Specific</sub>	76.3	38.3	<b>63.4</b>	<b>0.627</b>

  

Threshold: AHI = 5 e/h				
Feature/Model	Se	Sp	Acc	AUC
VLF_f2m	62.5	72.2	70.8	0.749
LF_BE <sub>2</sub>	56.3	74.4	71.7	0.67
HF_PE	45.5	72.1	68.2	0.628
BW2_RP <sub>Diag</sub>	60.7	77.7	75.2	0.747
BW2_BE <sub>1</sub>	56.3	70.1	68	0.671
BWRes_B <sub>min</sub>	58.9	45.3	47.3	0.567
BWRes_BE <sub>3</sub>	47.3	58.4	56.8	0.569
MLP5 <sub>Classic</sub>	50.9	86.2	<b>81</b>	0.774
MLP5 <sub>Specific</sub>	62.5	84.2	<b>81</b>	<b>0.791</b>

  

Threshold: AHI = 10 e/h				
Feature/Model	Se	Sp	Acc	AUC
VLF_f2m	63.8	76.7	75.6	0.784
LF_BE <sub>2</sub>	58	81.5	79.4	0.74
HF_PE	53.6	72.1	70.4	0.663
BW2_RP <sub>Diag</sub>	68.1	76	75.3	0.789

After:

Threshold: AHI = 1 e/h				
Feature/Model	Se	Sp	Acc	AUC
<i>VLF_f2m</i>	44.5	72.3	53.9	0.605
<i>LF_BE2</i>	42.1	72.7	52.4	0.581
<i>HF_PE</i>	42.9	63.3	49.8	0.550
<i>BW2_RPDiag</i>	50.9	64.8	55.6	0.629
<i>BW2_BE1</i>	47.1	59.4	51.3	0.559
<i>BWRes_Bmin</i>	40.5	57.4	46.2	0.482
<i>BWRes_BE3</i>	41.5	57.4	46.9	0.513
<i>MLP1Classic</i>	52.3	59.4	54.7	0.600
<i>MLP1Specific</i>	76.3	38.3	<b>63.4</b>	<b>0.627</b>

  

Threshold: AHI = 5 e/h				
Feature/Model	Se	Sp	Acc	AUC
<i>VLF_f2m</i>	62.5	72.2	70.8	0.749
<i>LF_BE2</i>	56.3	74.4	71.7	0.670
<i>HF_PE</i>	45.5	72.1	68.2	0.628
<i>BW2_RPDiag</i>	60.7	77.7	75.2	0.747
<i>BW2_BE1</i>	56.3	70.1	68.0	0.671
<i>BWRes_Bmin</i>	58.9	45.3	47.3	0.567
<i>BWRes_BE3</i>	47.3	58.4	56.8	0.569
<i>MLP5Classic</i>	50.9	86.2	<b>81.0</b>	0.774
<i>MLP5Specific</i>	62.5	84.2	<b>81.0</b>	<b>0.791</b>

  

Threshold: AHI = 10 e/h				
Feature/Model	Se	Sp	Acc	AUC
<i>VLF_f2m</i>	63.8	76.7	75.6	0.784
<i>LF_BE2</i>	58.0	81.5	79.4	0.740
<i>HF_PE</i>	53.6	72.1	70.4	0.663
<i>BW2_RPDiag</i>	68.1	76.0	75.3	0.789
<i>BW2_BE1</i>	47.8	76.0	73.4	0.692
<i>BWRes_Bmin</i>	56.5	50.6	51.1	0.557
<i>BWRes_BE3</i>	55.1	59.4	59.0	0.614
<i>MLP10Classic</i>	43.5	96.5	<b>91.7</b>	<b>0.847</b>
<i>MLP10Specific</i>	66.7	91.6	89.3	0.841

The *Entropy* Editorial Office would like to apologize for any inconvenience caused to readers by these changes. The changes do not affect the scientific results. The published version will be updated on the article webpage with a reference to this Erratum.

## Reference

1. Martín-Montero, A.; Gutiérrez-Tobal, G.C.; Gozal, D.; Barroso-García, V.; Álvarez, D.; del Campo, F.; Kheirandish-Gozal, L.; Hornero, R. Bispectral Analysis of Heart Rate Variability to Characterize and Help Diagnose Pediatric Sleep Apnea. *Entropy* **2021**, *23*, 1016. [[CrossRef](#)] [[PubMed](#)]