

Supplementary Material S2. Prediction performance of selected maximal heart rate prediction models.

Supplementary Material 2. Prediction performance of selected maximal heart rate prediction models. Abbreviations: HRmax, maximal heart rate. Data are presented in beats·min⁻¹. Dotted lines represent mean bias of agreement. Panels illustrate the performance of the following equations: A- Nes et al. (running CPET); B- Machado et al. (running CPET); C- Tanaka et al. (running CPET); D- Fox et al. (running CPET); E- Londeree et al. (running CPET); F- Inbar et al. (running CPET); G- Gellish et al. (running CPET); H- Arena et al. (running CPET); I- Tanaka et al. (cycling CPET); J- Fox et al. (cycling CPET); K- Londeree et al. (cycling CPET); L- Fairbairn et al. (cycling CPET); M- Arena et al. (cycling CPET).

Observed HRmax - Predicted HRmax (bpm)

40
20
0
-20
-40
-60
-80

150

160

170

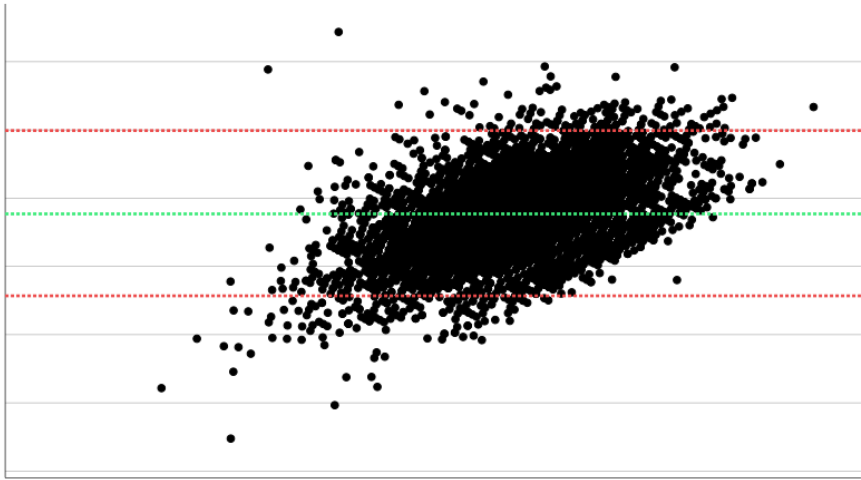
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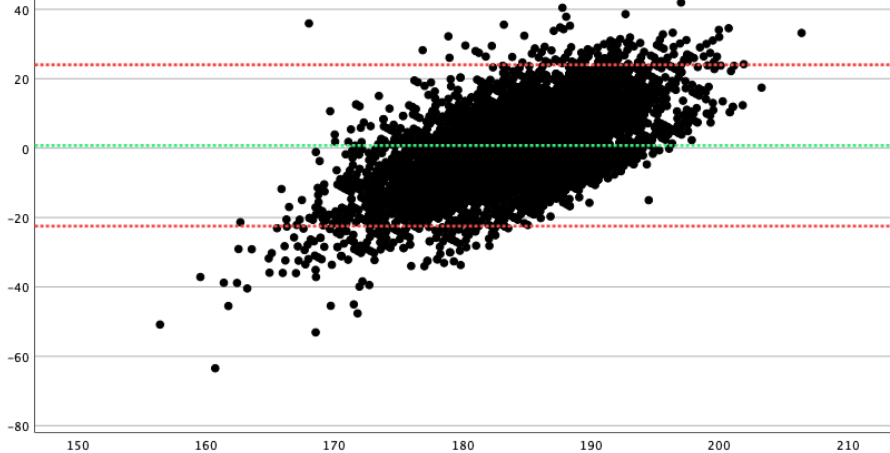
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210

Mean of Observed and Predicted HRmax (bpm)

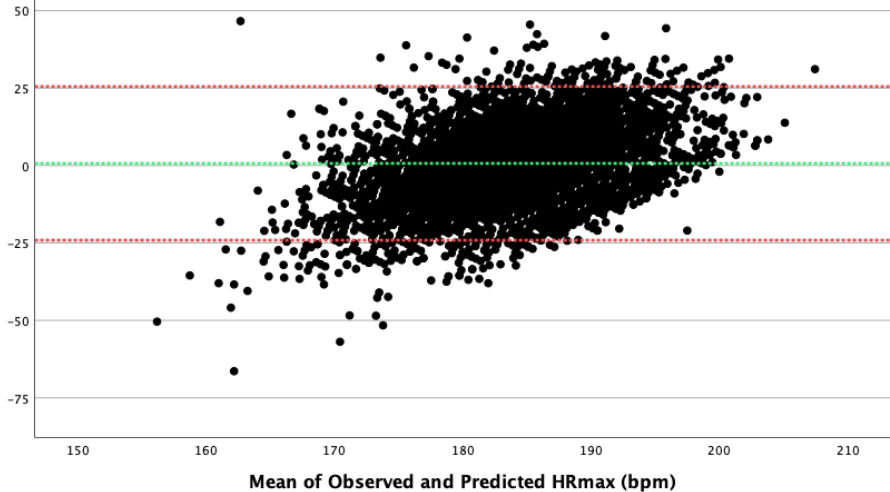


Observed HRmax - Predicted HRmax (bpm)



Mean of Observed and Predicted HRmax (bpm)

Observed HRmax - Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)

60
30
0
-30
-60

150

160

170

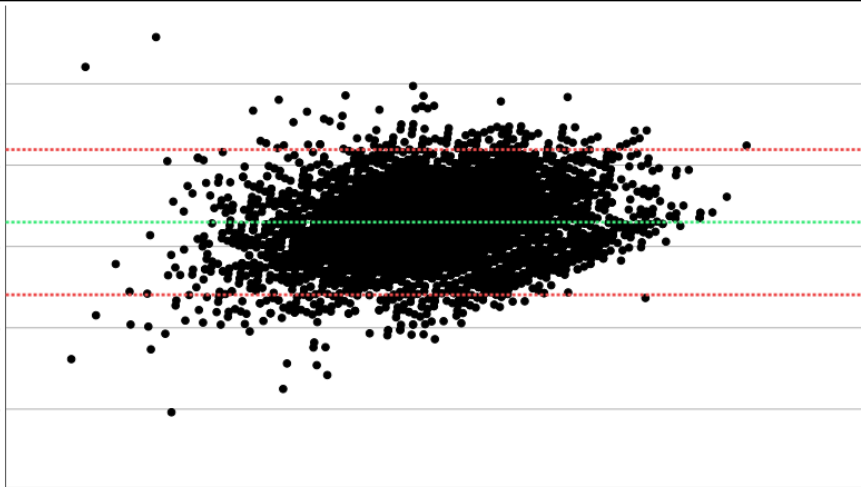
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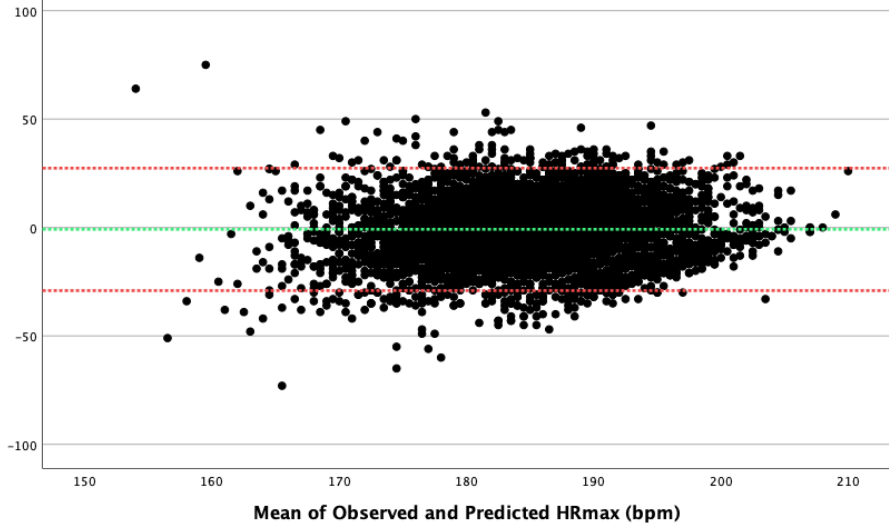
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210

Mean of Observed and Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)

60
30
0
-30
-60

150

160

170

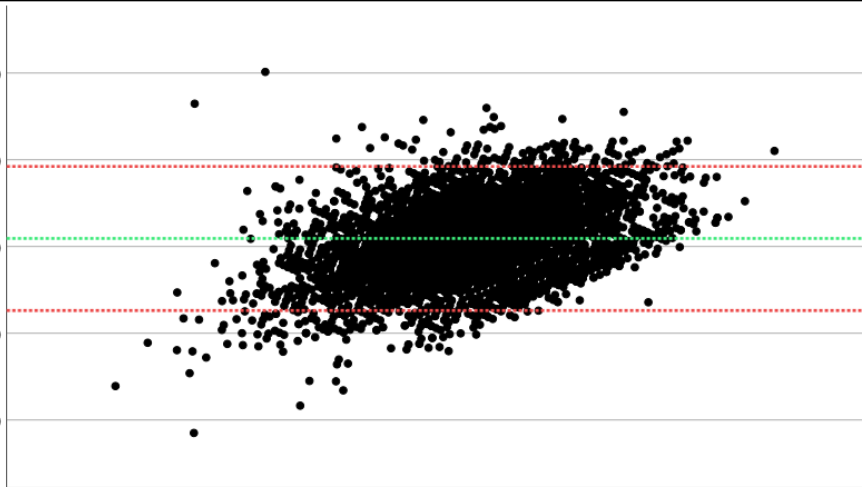
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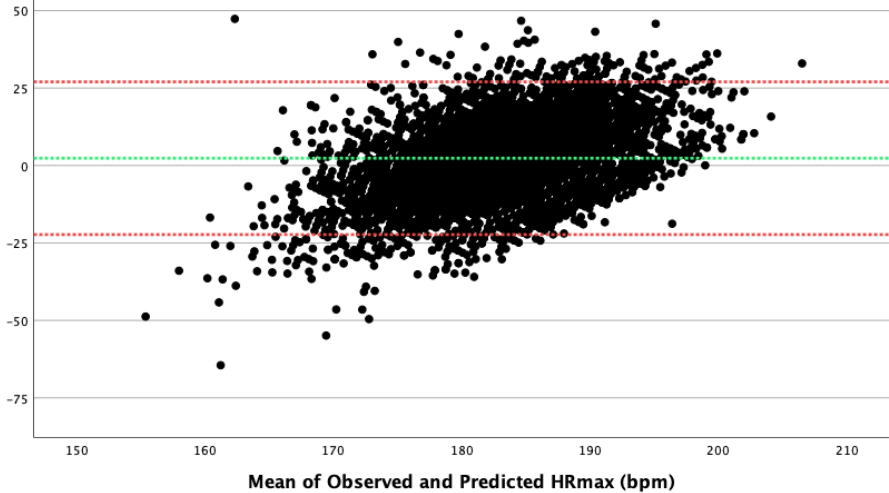
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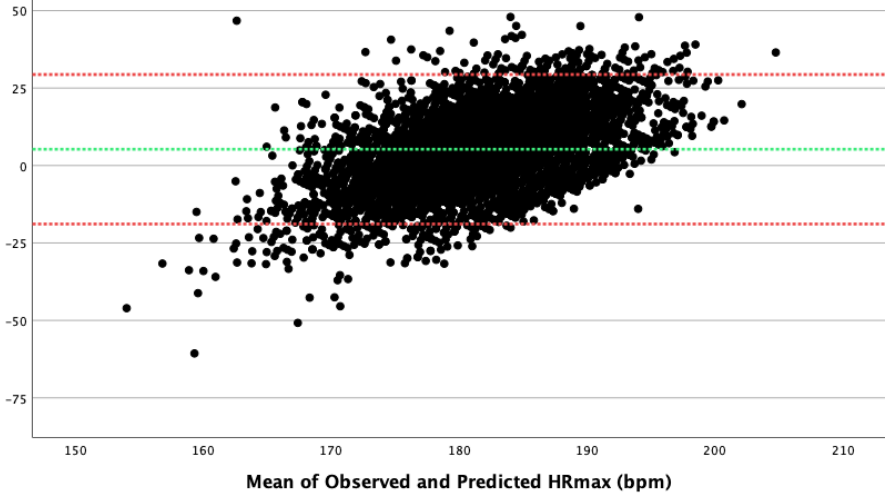
Mean of Observed and Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)

50
25
0
-25
-50
-75

150

160

170

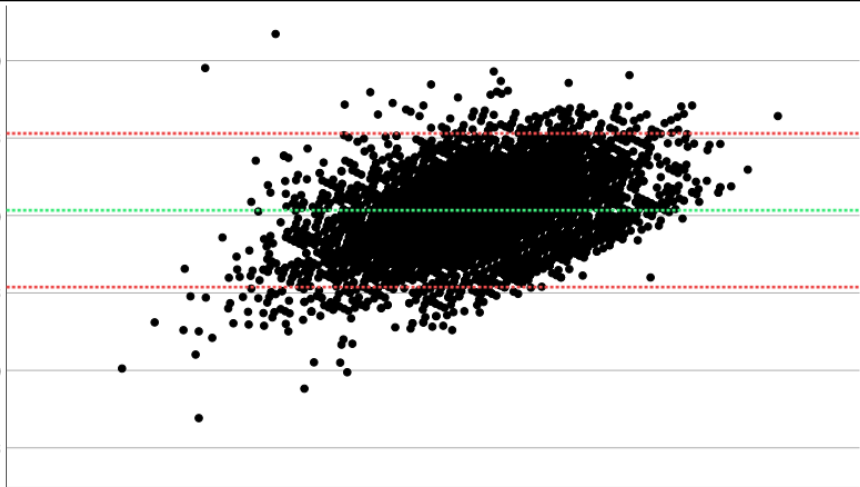
180

190

200

210

Mean of Observed and Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)

50
25
0
-25
-50
-75

150

160

170

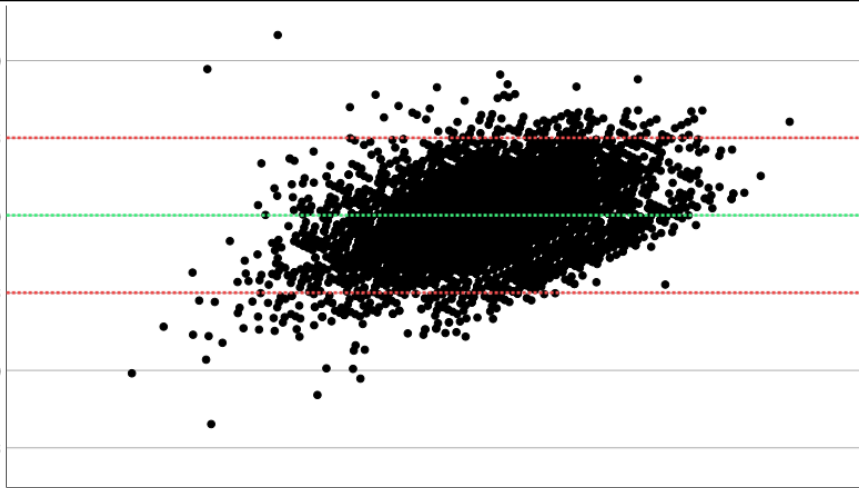
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190

200

210

Mean of Observed and Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)

60
30
0
-30
-60

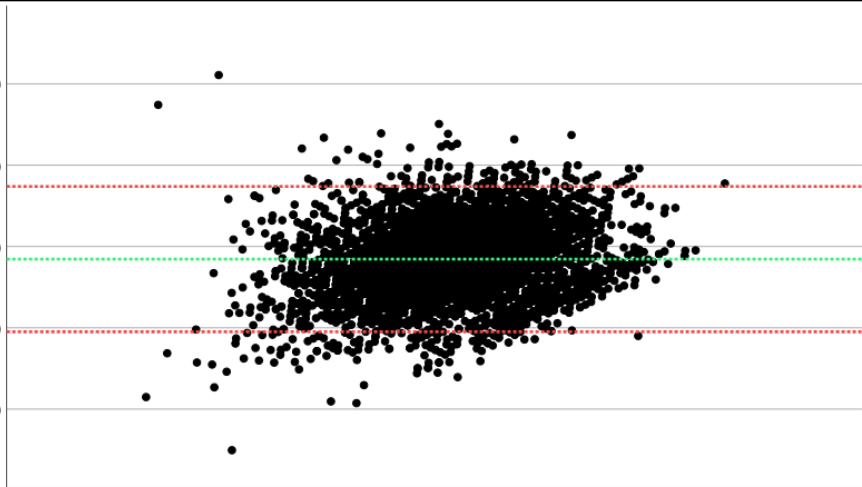
160

180

200

220

Mean of Observed and Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)

60
30
0
-30
-60

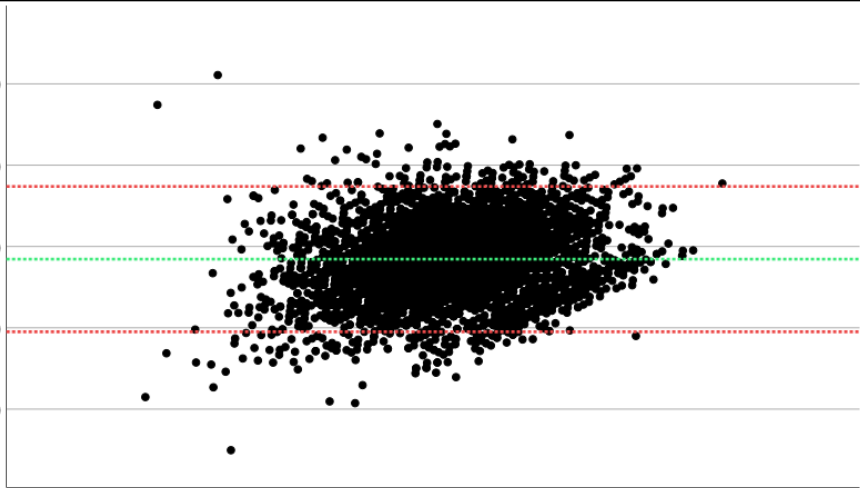
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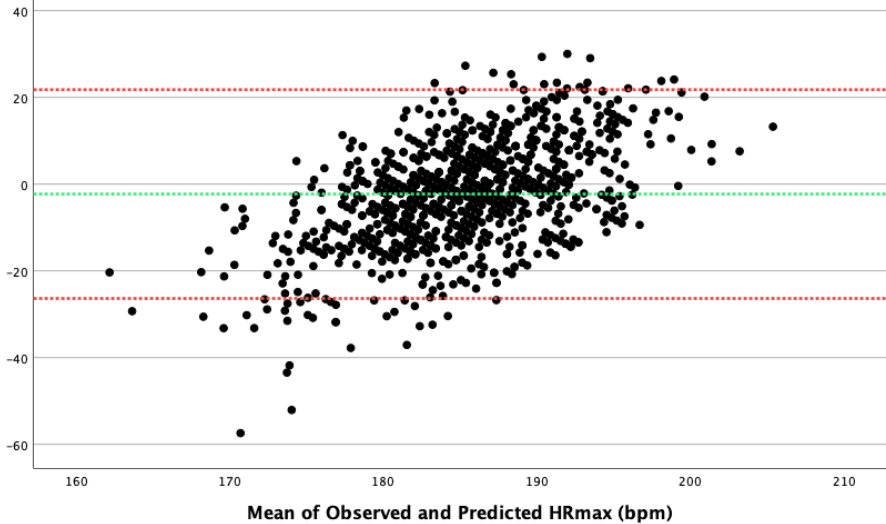
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220

Mean of Observed and Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)

60
30
0
-30
-60

150

160

170

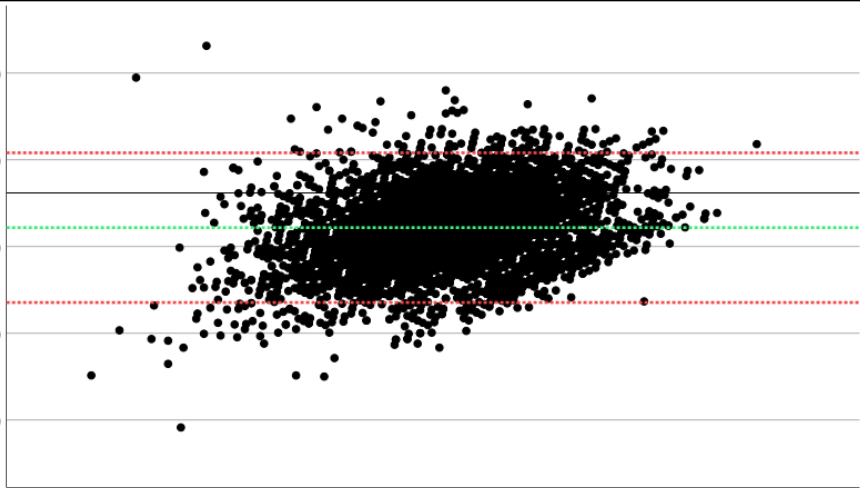
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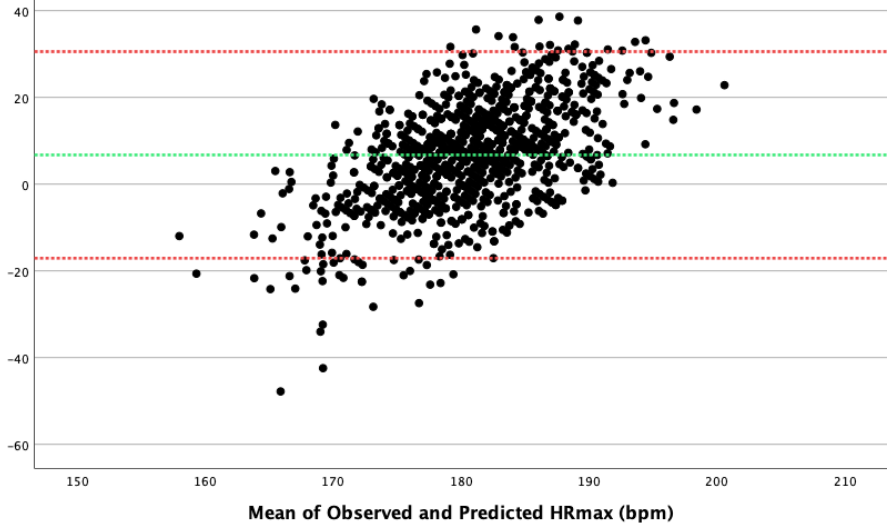
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210

Mean of Observed and Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)

50
25
0
-25
-50
-75

150

160

170

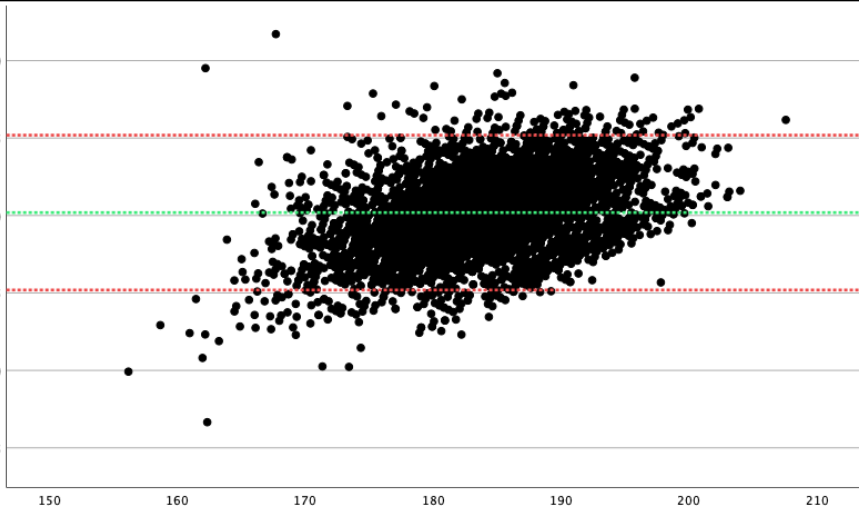
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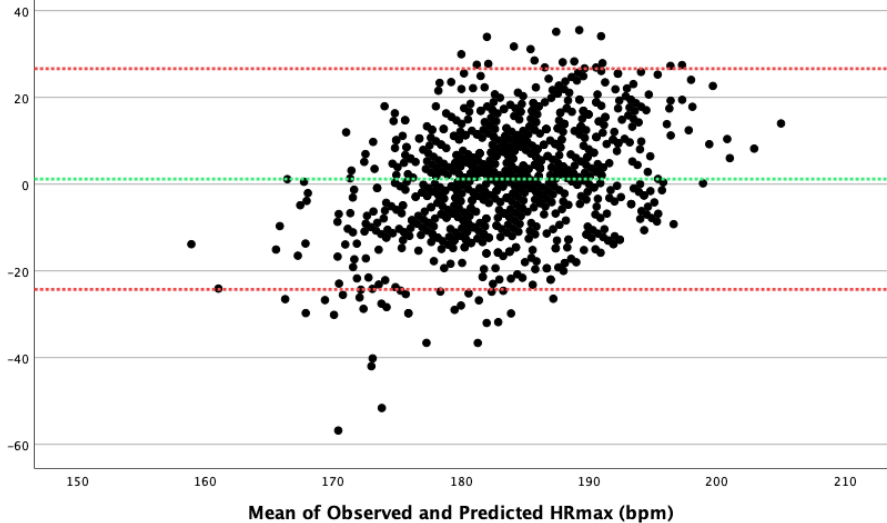
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210

Mean of Observed and Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)

100
50
0
-50
-100

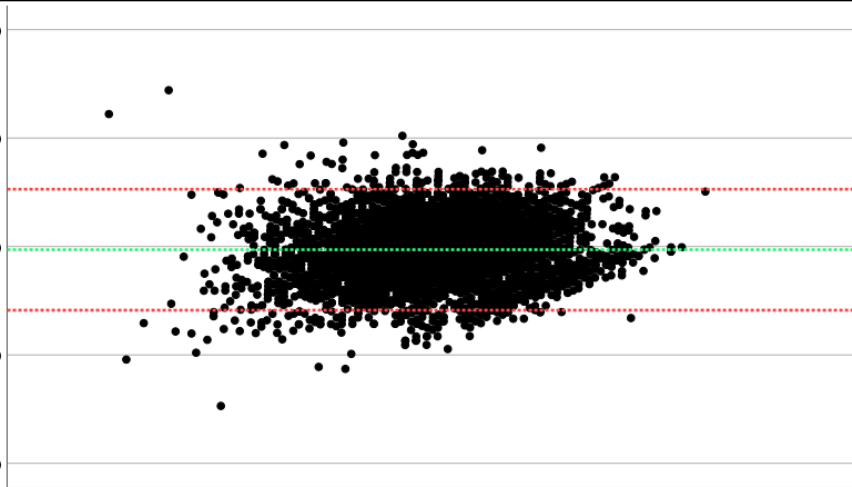
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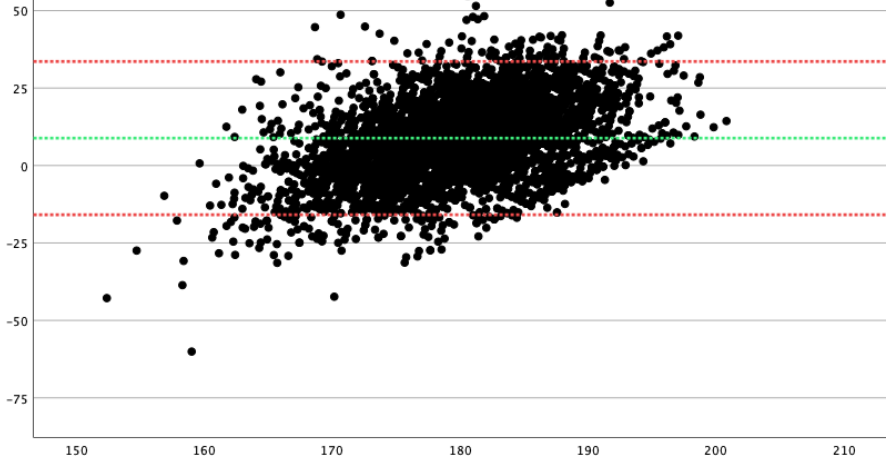
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220

Mean of Observed and Predicted HRmax (bpm)



Observed HRmax - Predicted HRmax (bpm)



Mean of Observed and Predicted HRmax (bpm)

Observed HRmax - Predicted HRmax (bpm)

