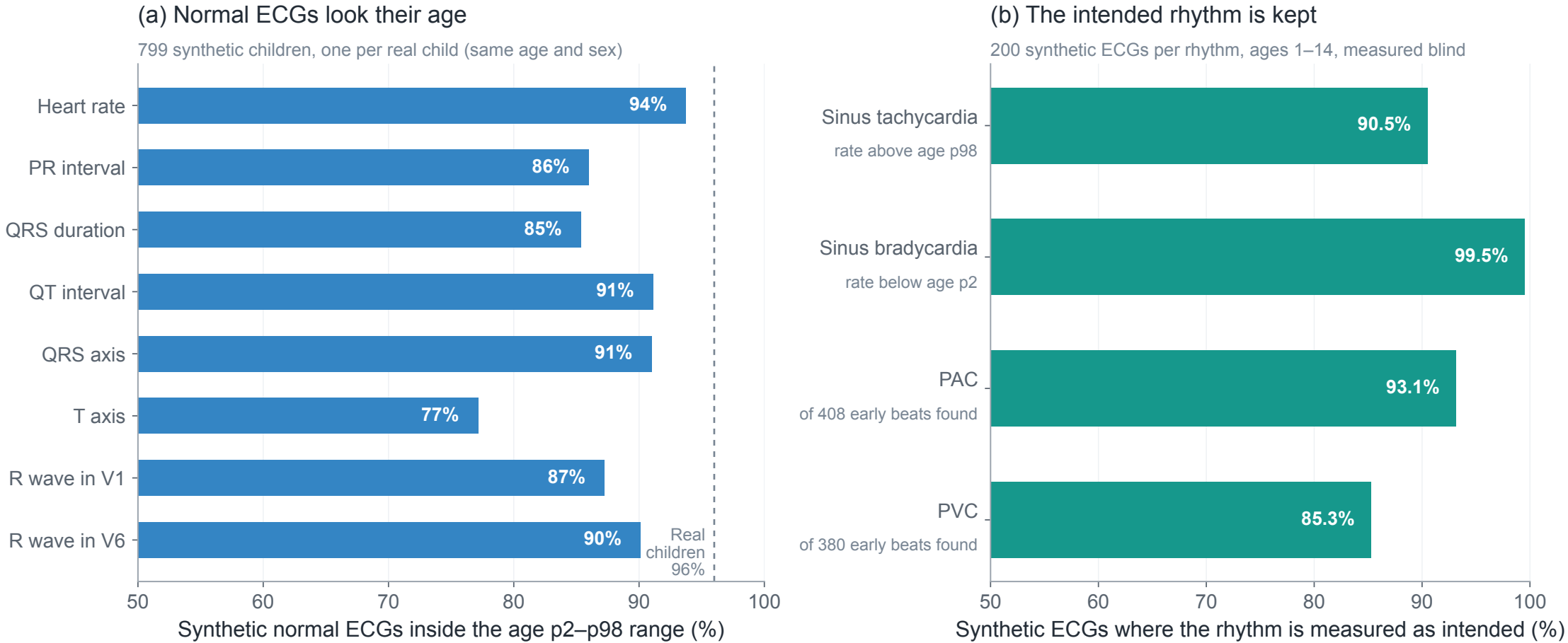

(a) Normal ECGs look their age
799 synthetic children, one per real child (same age and sex)
Heart rate
94%
PR interval
86%
QRS duration
85%
QT interval
91%
QRS axis
91%
T axis
77%
R wave in V1
87%
R wave in V6
90%
Real children 96%
50
60
70
80
90
100
Synthetic normal ECGs inside the age p2–p98 range (%)
(b) The intended rhythm is kept
200 synthetic ECGs per rhythm, ages 1–14, measured blind
Sinus tachycardia
rate above age p98
90.5%
Sinus bradycardia
rate below age p2
99.5%
PAC
of 408 early beats found
93.1%
PVC
of 380 early beats found
85.3%
50
60
70
80
90
100
Synthetic ECGs where the rhythm is measured as intended (%)