

Appendix C: Feature sets selected by Boruta algorithm for lab dataset

Features selected by Boruta algorithm from full feature set

duration_V2	minIntTime_V3_percent	f2Time30_V2
duration_V3	minIntTime_ratio	f1Time40_V2
pulses_V2	energy_ratio	f2Time40_V2
pulses_V3	power_V3	f1Time50_V2
jitter_V2	power_ratio	f2Time50_V2
jitter_V3	f1Time10_V2	f1Time60_V2
shimmer_V3	maxf1_V2	f2Time60_V2
f0_ratio	rangef1_V2	f1Time70_V2
maxf0_ratio	f1TimeIntmax_V2	f1Time80_V2
minf0_V3	f2Time10_V2	f1bandTime20_V3
minf0_ratio	minf2_V2	f1Time30_V3
minf0Time_V3	[f2TimeIntmax_V2	f1Time40_V3
minf0Time_ratio	f1f2Time10_V2	f1Time50_V3
rangef0_V3	f1f2TimeIntmax_V2	f1Time60_V3
meanIntensity_V3	f1Time10_V3	f1Time70_V3
meanIntensity_ratio	f1Time90_V3	f1Time80_V3
maxIntensity_V3	minf1_V3	f1f2Time20_V2
maxIntensity_ratio	f1bandTime10_V3	f1f2Time30_V2
minIntensity_V3	f2bandTime10_V3	f1f2Time40_V2
minIntensity_ratio	f1Time20_V2	f1f2Time50_V2
maxIntTime_V3_percent	f2Time20_V2	f1f2Time60_V2

maxIntTime_ratio	f1Time30_V2	f1f2Time70_V2
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Features selected by Boruta algorithm from set of F_0 features

f0_V2	minf0_V3	rangef0_V3
f0_V3	minf0_ratio	rangef0_ratio
f0_ratio	maxf0Time_V3	f0_V1
maxf0_V2	maxf0Time_ratio	maxf0_V1
maxf0_V3	minf0Time_V3	minf0_V1
maxf0_ratio	minf0Time_ratio	
minf0_V2	rangef0_V2	

Features selected by Boruta algorithm from set of non- F_0 features

duration_V2	power_ratio	f2Time40_V2
duration_V3	amp_ratio	f1Time50_V2
pulses_V2	f1Time10_V2	f2Time50_V2
pulses_V3	maxf1_V2	f1Time60_V2
pulses_ratio	rangef1_V2	f2Time60_V2
jitter_V2	f1TimeIntmax_V2	f1Time70_V2
jitter_V3	f2Time10_V2	f1Time80_V2
shimmer_V3	minf2_V2	f1bandTime20_V3
meanIntensity_V3	f2TimeIntmax_V2	f1Time30_V3
meanIntensity_ratio	f1f2Time10_V2	f1Time40_V3
maxIntensity_V3	f1f2TimeIntmax_V2	f1Time50_V3
maxIntensity_ratio	minf1_V3	f1Time60_V3
minIntensity_V3	f1Timef0max_V3	f1Time70_V3

minIntensity_ratio	f1bandTime10_V3	f1Time80_V3
maxIntTime_V3	f2bandTime10_V3	f1f2Time20_V2
maxIntTime_ratio	f1Time20_V2	f1f2Time30_V2
minIntTime_V3	f2Time20_V2	f1f2Time40_V2
minIntTime_ratio	f1Time30_V2	f1f2Time50_V2
energy_ratio	f2Time30_V2	f1f2Time60_V2
power_V3	f1Time40_V2	f1f2Time70_V2

Features selected by Boruta algorithm from set of syntagmatic features

pulses_ratio	rangef0_ratio	minIntTime_ratio
f0_ratio	meanIntensity_ratio	energy_ratio
maxf0_ratio	maxIntensity_ratio	power_ratio
minf0_ratio	minIntensity_ratio	amp_ratio
minf0Time_ratio	maxIntTime_ratio	duration_ratio

Features selected by Boruta algorithm from set of paradigmatic features

duration_V3	f2Time10_V2	f1Time60_V2
pulses_V2	minf2_V2	f2Time60_V2
pulses_V3	f2TimeIntmax_V2	f1Time70_V2
jitter_V2	f1f2Time10_V2	f2Time70_V2
jitter_V3	f1f2TimeIntmax_V2	f1Time80_V2
shimmer_V3	f1Time10_V3	f1Time20_V3
f0_V3	f1Time90_V3	f1bandTime20_V3
minf0_V3	minf1_V3	f1Time30_V3
minf0Time_V3	f1Timef0max_V3	f1Time40_V3

rangef0_V3	f1bandTime10_V3	f1Time50_V3
meanIntensity_V3	f2bandTime10_V3	f1Time60_V3
maxIntensity_V3	f1f2Time10_V3	f1Time70_V3
minIntensity_V3	f1Time20_V2	f1Time80_V3
maxIntTime_V3	f2Time20_V2	f1f2Time20_V2
minIntTime_V3	f1Time30_V2	f1f2Time30_V2
power_V3	f2Time30_V2	f1f2Time40_V2
f1Time10_V2	f1Time40_V2	f1f2Time50_V2
maxf1_V2	f2Time40_V2	f1f2Time60_V2
rangef1_V2	f1Time50_V2	f1f2Time70_V2
f1TimeIntmax_V2	f2Time50_V2	