Performance Comparison: device7 - Original Features
(TPOT vs. ExtraTrees highlights AutoML impact)

Model	F1 Score	Training Time
Bagging	0.7737	56.41s
Stacking	0.7731	38.21s
Voting	0.7689	7.59s
ExtraTrees	0.7735	4.16s
Blending	0.7663	7.55s
TPOT (ExtraTrees)	0.7749	551.05s

F1 Score Comparison: TPOT (0.7749) vs ExtraTrees (0.7735)
Difference: +0.0014 (AutoML hyperparameter optimization impact)

device7 Comprehensive Comparison: Original vs BigFeat Features
Positive F1 Diff (BigFeat - Original) indicates feature engineering improvement
Positive F1 Diff (TPOT - ExtraTrees) indicates AutoML improvement over baseline

Model	Original F1 Score	BigFeat F1 Score	F1 Diff (BigFeat - Original)	Original Training Time	BigFeat Training Time	Training Time Ratio (BigFeat/Origin	F1 Diff (TPOT - ExtraTrees)
Bagging	0.7737	0.7730	-0.0007	56.41s	144.23s	2.56x	
Stacking	0.7731	0.7738	+0.0007	38.21s	67.06s	1.75x	
Voting	0.7689	0.7696	+0.0007	7.59s	13.48s	1.77x	
ExtraTrees	0.7735	0.7736	+0.0001	4.16s	6.39s	1.54x	
Blending	0.7663	0.7668	+0.0005	7.55s	13.27s	1.76x	
TPOT (ExtraTrees)	0.7749	0.7741	-0.0008	551.05s	587.16s	1.07x	+0.0014