Performance Comparison: device3 - Original Features
(TPOT vs. ExtraTrees highlights AutoML impact)

Model	F1 Score	Training Time
Bagging	0.7699	52.22s
Stacking	0.7696	36.41s
Voting	0.7658	7.06s
ExtraTrees	0.7690	3.84s
Blending	0.7625	7.08s
TPOT (ExtraTrees)	0.7700	559.48s

F1 Score Comparison: TPOT (0.7700) vs ExtraTrees (0.7690)
Difference: +0.0010 (AutoML hyperparameter optimization impact)

device3 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	0.7699	0.7694	-0.0005	52.22s	127.56s	2.44x	
Stacking	0.7696	0.7695	-0.0001	36.41s	62.58s	1.72x	
Voting	0.7658	0.7657	-0.0000	7.06s	12.40s	1.76x	
ExtraTrees	0.7690	0.7705	+0.0015	3.84s	5.34s	1.39x	
Blending	0.7625	0.7621	-0.0005	7.08s	12.52s	1.77x	
TPOT (ExtraTrees)	0.7700	0.7703	+0.0003	559.48s	571.50s	1.02x	+0.0010