

Rank	Treatment	Median	IQR	
1	Apache_baseline	1.0	0.0	
2	Apache_25_w	1.05	0.05	
3	Apache_25_w.iP(25)	1.07	0.04	
3	Apache_25	1.1	0.06	
4	Apache_50_w	1.11	0.02	
4	Apache_50_w.iP(25)	1.13	0.08	
5	Apache_50	1.18	0.05	
5	Apache_75_w	1.19	0.07	
6	Apache_75_w.iP(25)	1.27	0.11	
6	Apache_75	1.29	0.12	

BDBC

(a) ant

Rank	Treatment	Median	IQR	
1	RF	52.0	3.0	
2	CART	54.0	0.0	
3	CART (SMOTE)	55.0	1.0	
4	RF (SMOTE)	67.0	2.0	

(b) camel

Rank	Treatment	Median	IQR	
1	RF	43.0	1.0	
2	CART	46.0	0.0	
3	RF (SMOTE)	56.0	2.0	
3	CART (SMOTE)	58.0	7.0	

(c) ivy

Rank	Treatment	Median	IQR	
1	RF	43.0	10.0	
2	CART (SMOTE)	54.0	1.0	
3	CART	61.0	0.0	
4	RF (SMOTE)	68.0	0.0	

(d) forrest

Rank	Treatment	Median	IQR	
1	RF (SMOTE)	58.0	0.0	
2	RF	65.0	0.0	
3	CART (SMOTE)	72.0	0.0	
4	CART	95.0	0.0	

(e) jedit

Rank	Treatment	Median	IQR	
1	CART (SMOTE)	61.0	1.0	
2	RF (SMOTE)	67.0	1.0	
2	RF	67.0	7.0	
3	CART	85.0	0.0	

(f) poi

Rank	Treatment	Median	IQR	
1	CART	46.0	0.0	
2	CART (SMOTE)	58.0	5.0	
3	RF (SMOTE)	62.0	4.0	
3	RF	62.0	4.0	

(g) log4j

Rank	Treatment	Median	IQR	
1	RF	40.0	2.0	
2	CART	44.0	0.0	
3	CART (SMOTE)	49.0	0.0	
4	RF (SMOTE)	55.0	1.0	

(h) lucene

Rank	Treatment	Median	IQR	
1	CART	58.0	0.0	
2	RF	59.0	1.0	
3	CART (SMOTE)	61.0	3.0	
4	RF (SMOTE)	65.0	1.0	

(i) velocity

Rank	Treatment	Median	IQR	
1	RF (SMOTE)	50.0	1.0	
1	CART (SMOTE)	52.0	6.0	
2	RF	54.0	2.0	
3	CART	58.0	0.0	

(j) xalan

Rank	Treatment	Median	IQR	
1	CART	53.0	0.0	
2	RF	57.0	1.0	
2	CART (SMOTE)	60.0	6.0	
3	RF (SMOTE)	61.0	2.0	

(k) xerces

Rank	Treatment	Median	IQR	
1	RF	16.0	1.0	
2	CART	30.0	0.0	
3	RF (SMOTE)	32.0	2.0	
4	CART (SMOTE)	35.0	4.0	