

TABLE VI
 MEDIAN TOTAL DURATION FOR THE
 KNAPSACK PROBLEM USING THE
 ECOREUTIL-BASED VS. A CUSTOM
 COPY IMPLEMENTATION AND
 RESULTING IMPROVEMENT

Instance	Total Duration (ms)		Ratio
	Ref	Cmp	
Model A	54470.90	23653.09	0.434
Model B	218768.05	111201.01	0.508
Model C	440797.54	268865.77	0.610
Model D	69867.71	39429.32	0.564
Model E	236576.42	134867.21	0.570
Model F	617177.22	388436.76	0.629
Model G	78467.48	43898.11	0.559
Model H	354599.37	205978.15	0.581
Model I	832321.59	536869.02	0.645