

## Appendix B Number of training examples

Table 13 shows the training set size after applying the resampling strategies. The presented numbers correspond to the average dataset size generated by each technique since different hyperparameter configurations were considered for each resampling technique.

Table 13: Average training set size when applying each resampling strategy.

	None	SMT	RO	RU	GN	SG	WERCS
Dataset	Number of Training Examples						
rabe-265	45.9	48.6	68.3	22.1	44.4	52.5	45.4
wine-quality	5847.3	9353.4	9353.4	2453.8	5959.8	6578.2	5846.5
analcatt-apnea3	405.0	567.4	567.4	240.0	402.4	420.1	404.0
cocomo_numeric	54.0	80.5	80.5	27.3	53.8	62.5	58.0
Abalone	3759.3	6211.0	6211.0	1237.6	3689.3	4809.7	3758.5
a3	178.2	268.7	268.7	88.0	178.4	209.3	177.6
forestFires	465.3	705.9	705.9	226.6	467.2	550.7	464.5
sleuth_case1202	83.7	114.4	134.7	33.8	84.8	109.1	83.1
a1	178.2	269.7	273.0	84.4	179.2	214.1	177.6
a7	178.2	274.6	274.6	82.7	179.1	216.5	177.6
kidney	68.4	92.1	94.7	41.4	67.7	80.0	67.7
boston	455.4	723.9	723.9	181.3	449.8	575.7	454.6
sensory	518.4	880.0	880.0	148.6	510.2	700.0	517.7
a2	178.2	277.0	280.4	74.5	176.7	226.8	177.6
triazines	284.4	449.3	449.3	115.5	280.4	365.9	283.7
kdd_coil_1	167.4	261.6	264.9	68.7	166.2	167.4	166.6
treasury	944.1	1506.3	1506.3	374.3	936.4	1228.2	943.6
mortgage	944.1	1502.2	1502.2	376.5	934.5	1224.1	943.6
debutanizer	2154.6	3451.5	3451.5	848.4	2145.3	2815.8	2153.8
fuelCons	1587.6	2730.5	2730.5	430.5	1573.4	2145.5	1586.9
heat	6660.0	10756.2	10756.2	2566.1	6662.3	8788.4	6659.5
california	18576.0	30040.1	30040.1	7130.1	18594.2	24549.6	18575.5
availPwr	1621.8	2621.5	2621.5	623.2	1622.9	2142.4	1621.2
cpuSm	7372.8	11929.1	11929.1	2828.5	7384.8	7372.8	7371.9
compactiv	7372.8	11917.4	11917.4	2836.1	7380.6	7372.8	7371.9
maxTorq	1621.8	2647.6	2647.6	607.0	1632.8	2167.8	1621.2
space-ga	2796.3	4740.6	4956.5	618.6	2778.8	3848.7	2795.7
ConcrStr	927.0	1549.1	1549.1	315.5	937.6	1282.6	926.0
Accel	1558.8	2607.1	2607.1	537.0	1585.3	2151.0	1557.9
airfoild	1352.7	2146.4	2146.4	544.9	1338.6	1352.7	1453.8