

Supplemental Table 1

*2 patients who were last known as alive, but had < 1 year of follow-up were considered failures (1 lost to follow-up, 1 withdrawn consent)

(Categorical; N(%): 95% Exact CI)	With Mutation	Without Mutation	Fisher's Exact p-value (2-sided)
ASXL1	N=27	N=91	
CR	4 (15%: 4-34)	22 (24%: 16-34)	0.43
1 Year Survival	13 (48%: 29-68)	39 (43%: 33-54)	0.66
DNMT3A	N=23	N=95	
CR	4 (17%: 5-39)	21 (22%:14-32)	0.78
1 Year Survival	10 (43%: 23-66)	42 (44%: 34-55)	1.0
IDH2	N=17	N=101	
CR	4 (24%: 7-50)	21 (21%: 14-31)	0.76
1 Year Survival	12 (70%: 44-90)	40 (40%: 30-50)	0.03
NPM1	N=17	N=101	
CR	5 (29%: 10-56)	20 (20%: 13-29)	0.35
1 Year Survival	10 (59%: 33-82)	42 (42%: 32-52)	0.20
RUNX1	N=19	N=99	
CR	3 (16%: 3-40)	22 (22%: 14-32)	0.76
1 Year Survival	10 (53%: 29-76)	42 (42%: 33-53)	0.46
TET2	N=20	N=98	
CR	4 (20%: 6-44)	21 (21%: 14-31)	1.0
1 Year Survival	9 (45%: 23-68)	43 (44%: 34-54)	1.0
TP53	N=26	N=92	
CR	5 (19%: 7-40)	20 (22%: 14-32)	1.0
1 Year Survival	5 (19%: 7-40)	47 (51%: 40-62)	0.004