

Table 1 The characteristic of MDS sample

Variables	Group	GSE58831 (N=159)	Valid%	GSE19429 (N=179)	Valid%
Age	≥65	88	55.35%	NA	NA
	<65	66	41.51%	NA	NA
	NA	5	3.14%	NA	NA
Gender	Female	102	64.15%	NA	NA
	Male	57	35.85%	NA	NA
IPSS	Low risk	42	26.42%	70	39.11%
	Median Risk-1	61	38.36%	59	32.96%
	Median Risk-2	27	16.98%	32	17.88%
	High risk	9	5.66%	18	10.06%
RISK	NA	20	12.58%	NA	NA
	Low	103	64.78%	129	72.07%
	High	36	22.64%	50	27.93%
	NA	20	12.58%	NA	NA
Status	Alive	82	51.57%	NA	NA
	Dead	41	25.79%	NA	NA
	NA	36	22.64%	NA	NA
WHO_category	RA	13	8.18%	54	30.17%
	RARS	20	12.58%	48	26.82%
	RCMD	49	30.82%	NA	NA
	RAEB1	23	14.47%	36	20.11%
	RAEB2	30	18.87%	41	22.91%
	5q-	6	3.77%	NA	NA
Karyotype	NA	18	11.32%	NA	NA
	Normal	83	52.20%	90	50.28%
	-Y	1	0.63%	NA	NA
	5q-	11	6.92%	26	14.53%
	20q-	5	3.14%	NA	NA
	Other	38	23.90%	51	28.49%
	7q-/7q-	2	1.26%	2	1.12%
	Other	2	1.26%	2	1.12%
	Complex	11	6.92%	NA	NA
	NA	8	5.03%	NA	NA