

**S1 Table.** Comparison of overall remission and response by multiple factors

	Overall remission rate <sup>a)</sup>	Overall response rate <sup>b)</sup>
<b>p-values of exact logistic regression<sup>c)</sup></b>		
Age <sup>d)</sup>	1.000	1.000
Exact odds ratio (95% CI) of $\geq 13$ years (Ref: < 13 yr)	0.87 (0.11-6.26)	1.14 (0.14-8.51)
p-value of exact odds ratio	1.000	1.000
Sex <sup>e)</sup>	0.021	0.009
Exact odds ratio (95% CI) of female (Ref: male)	6.94 (1.12-88.99)	8.68 (1.39-115.61)
p-value of exact odds ratio	0.033	0.014
Last bone marrow result before study enrollment <sup>f)</sup>	0.015	0.007
Exact odds ratio (95% CI) of CRp (Ref: CR)	0.04 (0.00-1.88)	0.04 (0.00-1.69)
p-value of exact odds ratio	0.133	0.115
Exact odds ratio (95% CI) of refractory (Ref: CR)	0.08 (0.00-0.80)	0.07 (0.00-0.64)
p-value of exact odds ratio	0.026	0.012
Cytogenetic subtype <sup>g)</sup>	0.008	0.017
Exact odds ratio (95% CI) of diploid (Ref: Hyperdiploid)	5.19 (0.52-85.43)	5.85 (0.56-99.83)
p-value of exact odds ratio	0.215	0.183
Exact odds ratio (95% CI) of hypodiploid (Ref: Hyperdiploid)	0.44 (0.00-139.49)	0.50 (0.00-190.82)
p-value of exact odds ratio	1.000	1.000
Exact odds ratio (95% CI) of t(9;22) (Ref: Hyperdiploid)	4.35 (0.00-70.88)	4.44 (0.00-72.55)
p-value of exact odds ratio	0.815	0.818
Exact odds ratio (95% CI) of others (Ref: Hyperdiploid)	0.14 (0.01-1.52)	0.18 (0.01-2.00)
p-value of exact odds ratio	0.131	0.222
Exact odds ratio (95% CI) of NA (Ref: Hyperdiploid)	1.68 (0.14-25.16)	1.68 (0.12-28.28)
p-value of exact odds ratio	1.000	1.000
Time to relapse <sup>h)</sup>	0.117	0.249
Exact odds ratio (95% CI) of < 36 months (Ref: $\geq 36$ months)	0.11 (0.00-1.89)	0.14 (0.00-2.44)
p-value of exact odds ratio	0.183	0.272
Exact odds ratio (95% CI) of refractory (Ref: $\geq 36$ months)	0.49 (0.02-6.69)	0.59 (0.02-8.16)
p-value of exact odds ratio	0.940	1.000

CI, confidence interval; CR, complete remission; CRp, CR without platelet recovery; NA, not available. <sup>a)</sup>Overall remission rate (%)=(CR after the last clofarabine administration+CRp after the last clofarabine administration)/(total number of treated patients)×100, <sup>b)</sup>Overall response rate (%)=(CR after the last clofarabine administration+CRp after the last clofarabine administration+PR after the last clofarabine administration)/(total number of treated patients)×100, <sup>c)</sup>p-values generated by exact logistic regression with categorical covariates (age, sex, last bone marrow result before study enrollment, cytogenetic subtype, time to relapse) instead of regular logistic regression, because of model convergence failure, <sup>d)</sup>Categorized into ≥ 13 years and < 13 years, <sup>e)</sup>Categorized into male and female, <sup>f)</sup>Categorized into CR, CRp, and refractory, <sup>g)</sup>Categorized into diploid, hypodiploid, hyperdiploid, t(9;22), others, and NA, <sup>h)</sup>Categorized into < 36 months, ≥ 36 months, and refractory.