### S1 Table. Univariate study of relapse-specific risk factors for 5-year OS in patients treated with intensive chemotherapy at relapse

| Risk Factor                              | Patients (deceased) | 5-Year OS (±SE) (%) | p-value |
|------------------------------------------|---------------------|---------------------|---------|
| **Age at relapse (yr)\(^a\)**           |                     |                     |         |
| < 12                                     | 22 (12)             | 49.0±10.8           | 0.404   |
| ≥ 12                                     | 23 (13)             | 40.8±10.8           |         |
| **WBC count at relapse (×10⁹/L)\(^a\)** |                     |                     |         |
| < 5                                      | 23 (13)             | 40.8±10.6           | 0.851   |
| ≥ 5                                      | 22 (12)             | 50.0±10.7           |         |
| **CBF AML at relapse**                   |                     |                     | 0.025   |
| No                                       | 31 (21)             | 34.0±8.8            |         |
| Yes                                      | 14 (4)              | 69.6±12.7           |         |
| **FLT3-ITD at relapse**                  |                     |                     | 0.002   |
| No                                       | 39 (20)             | 49.4±8.2            |         |
| Yes                                      | 6 (5)               | 16.7±15.2           |         |
| **Complex karyotype at relapse**         |                     |                     | 0.205   |
| No                                       | 34 (17)             | 48.4±8.8            |         |
| Yes                                      | 11 (8)              | 34.1±15.0           |         |

CBF AML, core binding factor acute myeloid leukemia; SE, standard error; WBC, white blood cell. \(^a\)Cutoff threshold based on median values.