

Supplementary Table 1: Epidemiological statistics of the patient population (1398 subjects) used to induce the dependency network in Figure 2. Values in brackets refers to the independent set of 107 non-stroke patients and 7 stroke patients, and double dashes denote data not available. HbF.G: HbF g/dL; HbF.P: HbF percent; HbG: total hemoglobin concentration; α thalassemia: heterozygosity or homozygosity for -3.7 kb α thalassemia deletion. Age refers to the beginning of the study, and the age of the stroke patients in the independent population is the age at the event.

	Stroke			Non-stroke		
	Percent	Mean	StE	Percent	Mean	StE
Male	46% (57%)			44% (54%)		
α thalassemia	22% (--)			29% (29%)		
HbG		8.37 (--)	0.16 (--)		8.42 (8.38)	0.04 (0.13)
HbF.P		6.30 (1.18)	0.94 (1.25)		7.88 (9.31)	0.24 (1.99)
HbF.G		0.45 (0.95)	0.06 (0.69)		0.69 (0.79)	0.02 (0.18)
Age		22.46 (12.88)	1.44 (4.00)		21.9 (22.4)	0.34 (1.29)