

Table S2. Classification results of CRANE subnetworks discovered from the TCGA patient cohort and tested on an independent patient dataset (GSE13041). Results reflect classification accuracy of testing incremental combinations of subnetworks (e.g. classification results of Subnetwork 3 represent the use of subnetworks 1, 2, and 3 in classifying the independent patient dataset).

Number of Subnetwork 1	Short Survival(True)	Long Survival(True)	Total
Short Survival(CRANE)	32	24	56
Long Survival(CRANE)	9	26	35
Total	41	50	64%
Number of Subnetwork 2	Short Survival(True)	Long Survival(True)	Total
Short Survival(CRANE)	33	18	51
Long Survival(CRANE)	8	32	40
Total	41	50	71%
Number of Subnetwork 3	Short Survival(True)	Long Survival(True)	Total
Short Survival(CRANE)	31	19	50
Long Survival(CRANE)	10	31	41
Total	41	50	68%
Number of Subnetwork 4	Short Survival(True)	Long Survival(True)	Total
Short Survival(CRANE)	35	16	51
Long Survival(CRANE)	6	34	40
Total	41	50	76%
Number of Subnetwork 5	Short Survival(True)	Long Survival(True)	Total
Short Survival(CRANE)	26	3	29
Long Survival(CRANE)	15	47	62
Total	41	50	80%