Supplement 2.

The figures presented below are counterparts of Figure 2 in the main text; they refer to other sets of microarray data.

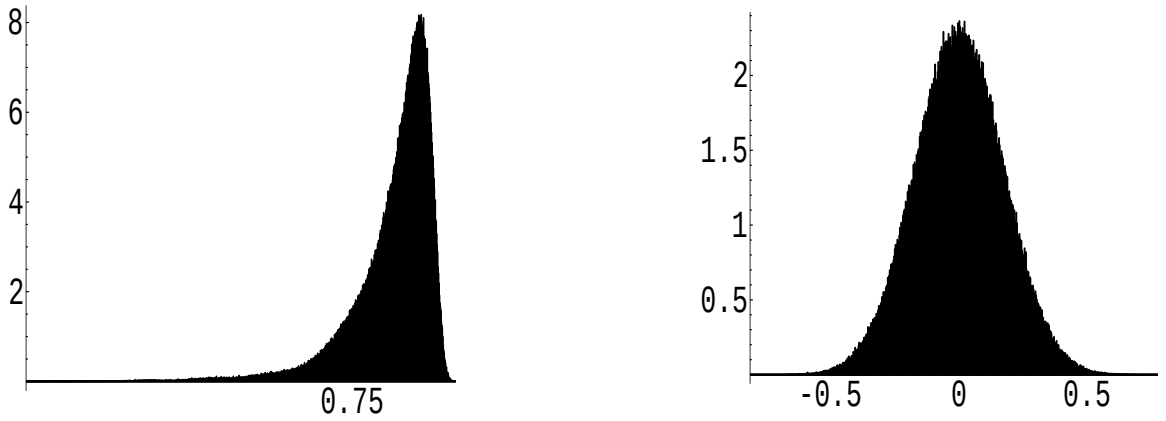

Figure 1: Histogram of correlation coefficients for all gene pairs formed from the first 2000 ordered genes (left panel) and for all pairs of the corresponding elements δ_i (right panel). The mean values are 0.84 for expression levels (left panel) and -1.2×10^{-4} for δ_i (right panel). BC data set.

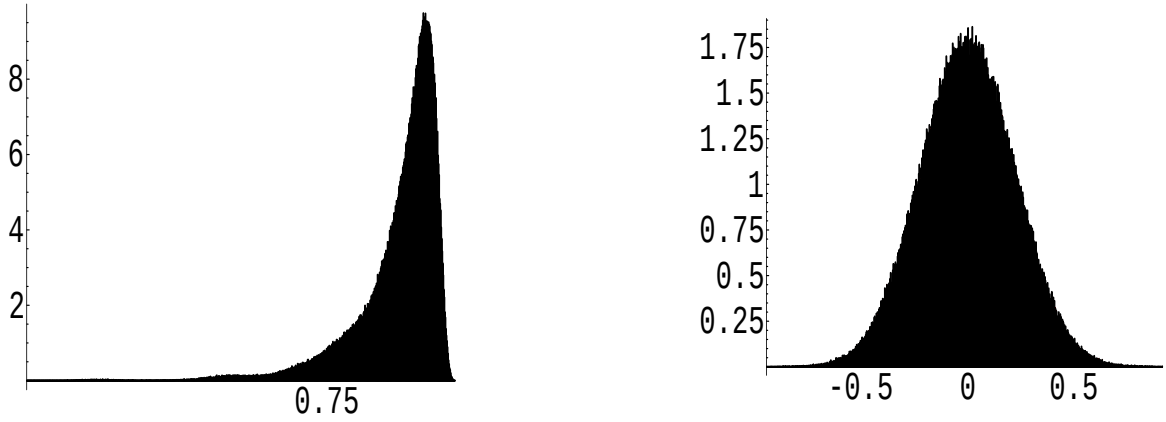

Figure 2: Histogram of correlation coefficients for all gene pairs formed from the first 2000 ordered genes (left panel) and for all pairs of the corresponding elements δ_i (right panel). The mean values are 0.89 for expression levels (left panel) and -1.8×10^{-4} for δ_i (right panel). BCCL data set

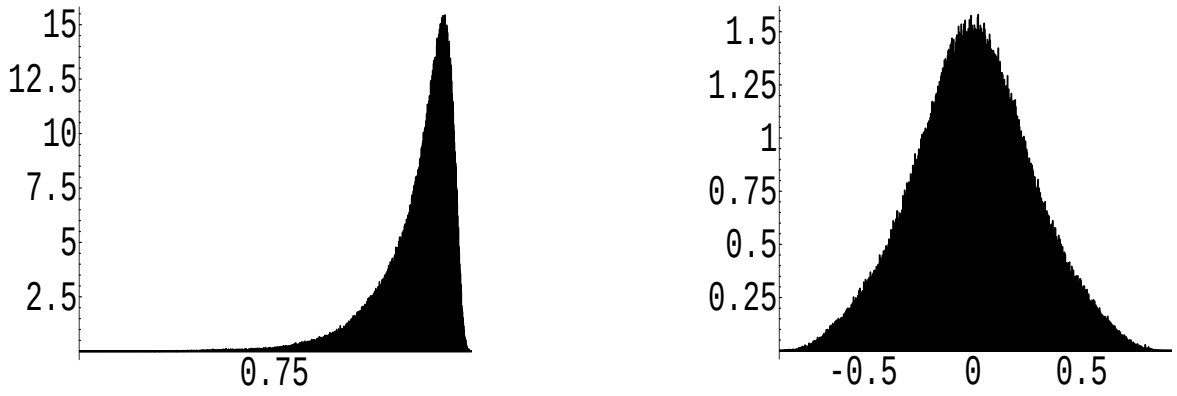

Figure 3: Histogram of correlation coefficients for all gene pairs formed from the first 2000 ordered genes (left panel) and for all pairs of the corresponding elements δ_i (right panel). The mean values are 0.93 for expression levels (left panel) and 5.3×10^{-6} for δ_i (right panel). PCMIT data set, tumor tissue.

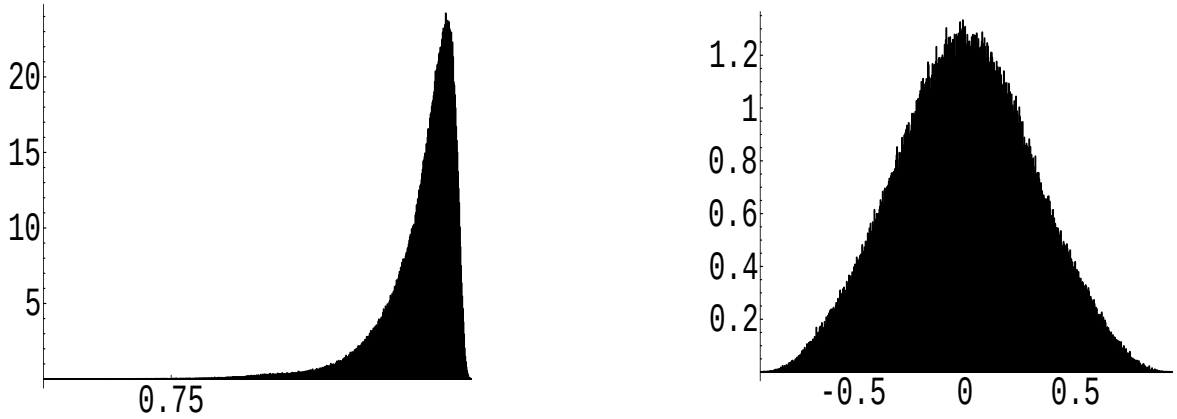

Figure 4: Histogram of correlation coefficients for all gene pairs formed from the first 2000 ordered genes (left panel) and for all pairs of the corresponding elements δ_i (right panel). The mean values are 0.95 for expression levels (left panel) and -3.4×10^{-4} for δ_i (right panel). PCMIT data set, normal tissue.

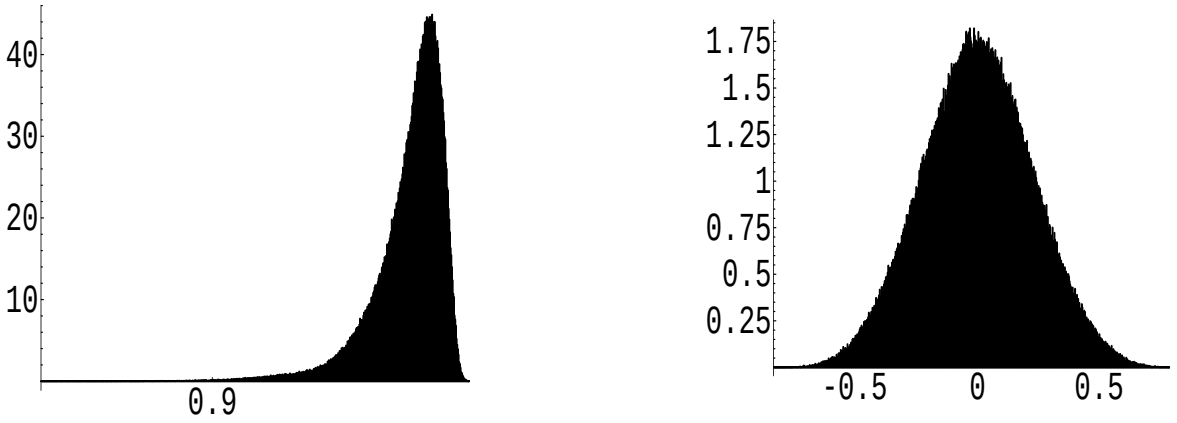

Figure 5: Histogram of correlation coefficients for all gene pairs formed from the first 2000 ordered genes (left panel) and for all pairs of the corresponding elements δ_i (right panel). The mean values are 0.97 for expression levels (left panel) and 3.6×10^{-4} for δ_i (right panel). TELL data set.

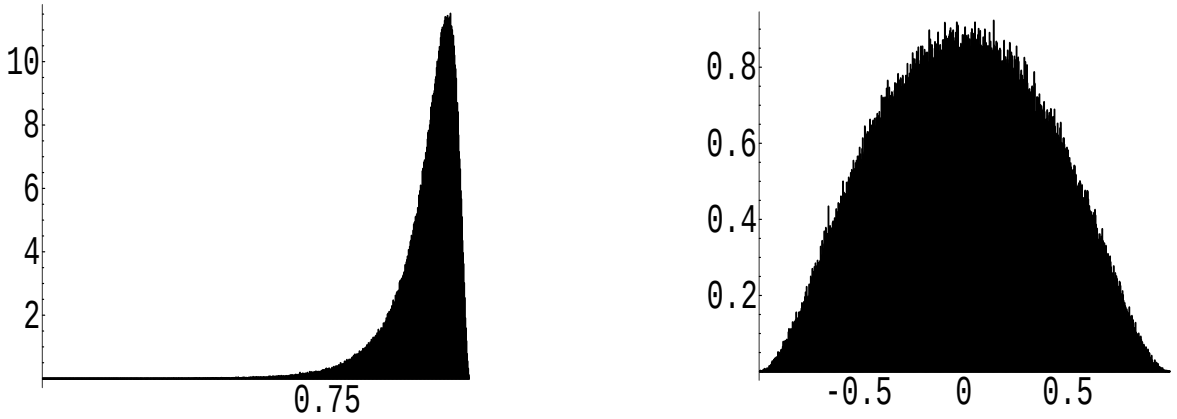

Figure 6: Histogram of correlation coefficients for all gene pairs formed from the first 2000 ordered genes (left panel) and for all pairs of the corresponding elements δ_i (right panel). The mean values are 0.92 for expression levels (left panel) and -3×10^{-4} for δ_i (right panel). CECL data set.