**Fig. 6.** Box plots of contrast coefficient estimates indicating the difference of flow cells 2 – 13 from flow cell 1 sorted by run order. The flow cells represented by the left four (blue) boxes were analyzed with SCS v 2.01 while the right-most eight (red) were analyzed with SCS v 2.4. A) Results from models without an offset to account for differences in total counts per lane. B) Results from models including the 75th percentile offset.