

Box plot showing the number of genes with a significant difference in expression between the two conditions for four software packages: FSv7.4.1, FSv8.0.0, FSv8.0.0_robust, and SynthSeg+v2.0. The y-axis represents the number of genes, ranging from 2000 to 10000. The x-axis is labeled 'software'. Each box plot shows the median (thick horizontal line), the interquartile range (box), and the range of the data (whiskers). Outliers are plotted as individual points. P-values for comparisons between FSv7.4.1 and the other three software packages are shown above the boxes: $p = 1.00e+00$ for FSv8.0.0, $p = 2.31e-01$ for FSv8.0.0_robust, and $p = 3.28e-14$ for SynthSeg+v2.0. P-values for comparisons between FSv8.0.0 and FSv8.0.0_robust, and between FSv8.0.0_robust and SynthSeg+v2.0, are also shown: $p = 1.20e-04$ and $p = 3.28e-14$ respectively.

sub	1	sub-01	3	sub-03	5	sub-05	7	sub-07	9	sub-09
	2	sub-02	4	sub-04	6	sub-06	8	sub-08		

