WT-KO contrast KO-AML contrast downregulated upregulated downregulated upregulated 1000 500 1000 500 1000 count genes with Pu.1 binding in promoter region 120 200 all DE genes 150 count tun co nut 10 logFC logFC version 1: All DE genes (KO) All DE genes (AML) up Mean -log10 p Gene DE dow motif motif Pu.1 motif or binding Pu.1 motif or binding

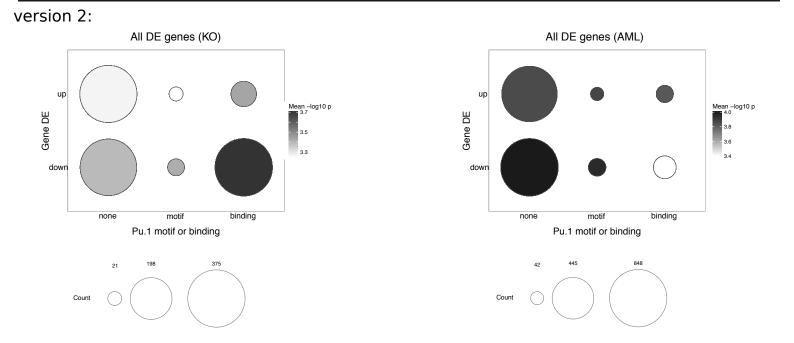


Fig 1.2. The distribution of differential expression in relation to Pu.1 binding or presence of Pu.1 binding motifs in the broad promoter area of DE genes.