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| --- | --- | --- | --- | --- |
|  | **Single state Enrichment (CI)** | **Joint model**  **Enrichment (CI)** | **LRT statistic**  **(Chi-square)** | **LRT**  **P-value** |
| **ChIP-only**  **Strong Enhancer** | 3.7 (2.5 to 4.8) | 3.4 (2.2 to 4.5) | 11.4 | 7.4E-04 |
| **ChIP-only**  **TSS upstream** | 3.3 (1.6 to 4.6) | 3.1 (1.5 to 4.3) | 7.3 | 0.007 |
| **ATAC-seq**  **open chromatin** | 4.0 (2.8 to 5.1) | 1.1 (-0.4 to 2.3) | 1.7 | 0.20 |
| **LMR** | 3.9 (2.3 to 5.1) | 1 (-0.8 to 2.3) | 1.4 | 0.23 |