

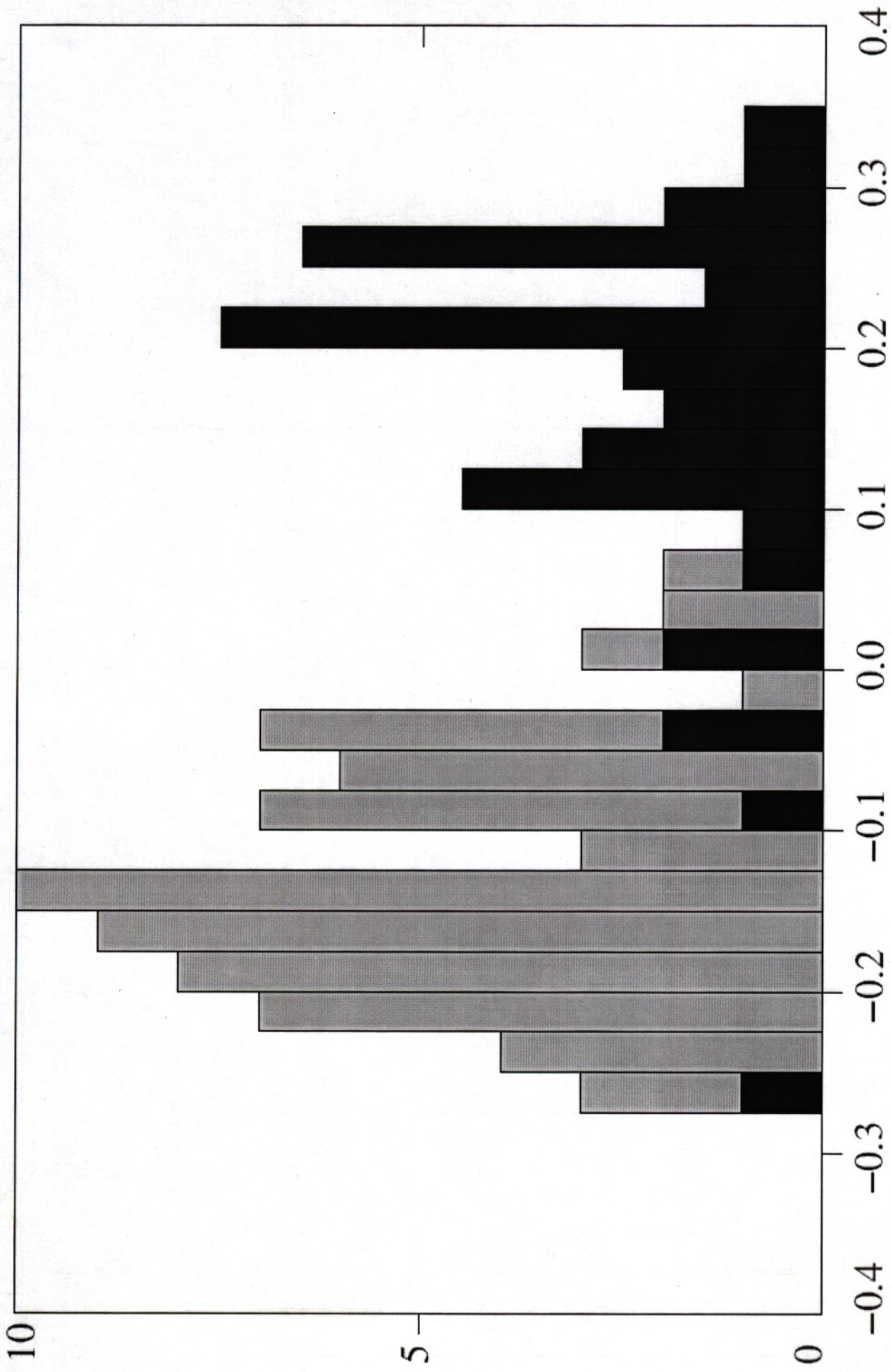
Echte Bit - Scores für CpG - Inseln

	$x \rightarrow A$	$x \rightarrow C$	$x \rightarrow G$	$x \rightarrow T$
$A \rightarrow x$	-0.74	0.42	0.58	-0.80
$C \rightarrow x$	-0.91	0.30	<u>1.82</u>	-0.69
$G \rightarrow x$	-0.62	0.46	0.33	-0.73
$T \rightarrow x$	-1.17	0.57	0.39	-0.68

$S = AAGGATAATAACCGCG$

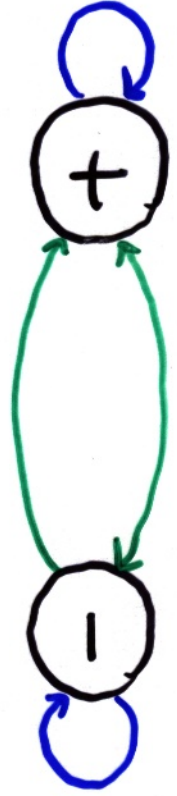
$$\begin{aligned} \log \text{ odds - score} &= -0.74 + 0.58 + 0.33 + \dots + \\ &\quad + 0.46 + 1.82 = -0.01 \end{aligned}$$

Bitscore - Verteilung



$P =$

	A^-	C^-	G^-	T^-	A^+	C^+	G^+	T^+
A^-	.18	.27	.42	.12	.004	.005	.009	.002
C^-	.17	.36	.27	.18	.003	.007	.005	.004
G^-	.16	.33	.37	.12	.003	.007	.007	.002
T^-	.07	.35	.38	.18	.001	.007	.007	.004
A^+	.001	.001	.001	.001	.30	.20	.28	.21
C^+	.001	.001	.001	.001	.32	.30	.08	.30
G^+	.001	.001	.001	.001	.24	.25	.30	.21
T^+	.001	.001	.001	.001	.18	.24	.29	.29



Hintergrund

CPG

