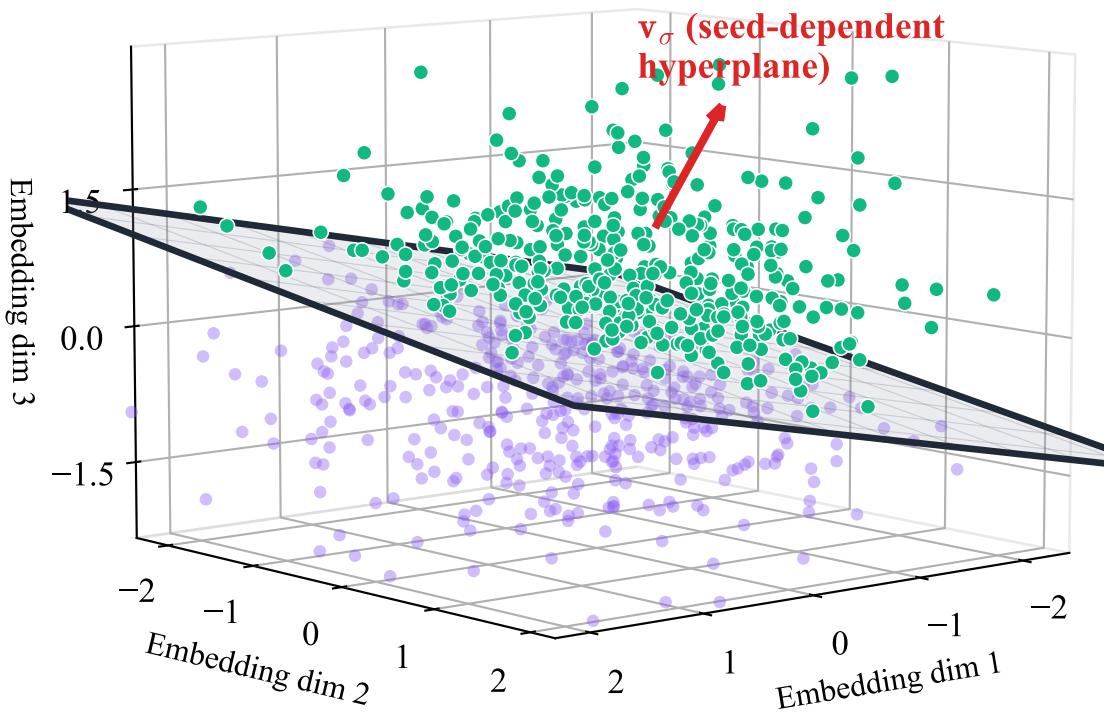


Hyperplane Bucketing: $\mathbf{v}_\sigma^\top \mathbf{e} \geq \tau$



- Bucket \mathcal{V}_0 (token encoded as bit=0)
- Bucket \mathcal{V}_1 (token encoded as bit=1)