margin support vectors $(0 < \alpha_n < C)$

$$y_n \left(\mathbf{w}^\mathsf{T} \mathbf{x}_n + b \right) = 1 \qquad (\xi_n = 0)$$

non-margin support vectors $(\alpha_n = C)$

$$y_n \left(\mathbf{w}^\mathsf{T} \mathbf{x}_n + b \right) < 1 \qquad (\xi_n > 0)$$