

Jedra z vaj (skupaj s parametri v caretu)

- linearno: $k_1(\mathbf{u}, \mathbf{v}) = \langle \mathbf{u}, \mathbf{v} \rangle$
- polinomsko: $k_2(\mathbf{u}, \mathbf{v}) = (s\langle \mathbf{u}, \mathbf{v} \rangle + 1)^d$
- Gaussovo: $k_3(\mathbf{u}, \mathbf{v}) = \exp(-\|\mathbf{u} - \mathbf{v}\|_2^2 / (2\sigma^2))$

Poleg morebitnih parametrov, ki vplivajo na dotično jedro, vedno podamo še C .

Kernels for the Exercises (with parameters in caret)

- linear: $k_1(\mathbf{u}, \mathbf{v}) = \langle \mathbf{u}, \mathbf{v} \rangle$
- polynomial: $k_2(\mathbf{u}, \mathbf{v}) = (s\langle \mathbf{u}, \mathbf{v} \rangle + 1)^d$
- Gauss: $k_3(\mathbf{u}, \mathbf{v}) = \exp(-\|\mathbf{u} - \mathbf{v}\|_2^2 / (2\sigma^2))$

In addition to kernel parameters, we also specify the cost parameter C .