

Model	$\text{MSE}_{\mathcal{D}_v}$	$\text{MSE}_{\mathcal{D}_{v,true}}$
B-spline	0.32	0.27
P-spline	$1.44 \cdot 10^{-2}$	$3.94 \cdot 10^{-3}$
SCP-spline	$1.36 \cdot 10^{-2}$	$2.32 \cdot 10^{-3}$

Table 1: Mean squared errors on the validation set  $\mathcal{D}_v$  for equidistant knot placement.

model	$\text{MSE}_{\text{val}}$
M1	$1.38 \cdot 10^6$
M2	$3.46 \cdot 10^5$
M3	$2.14 \cdot 10^5$
M4	$2.05 \cdot 10^5$
M5	$4.36 \cdot 10^6$
M6	$2.15 \cdot 10^5$

Table 2: Mean squared errors on the validation set  $\mathcal{D}_v$  for equidistant knot placement.