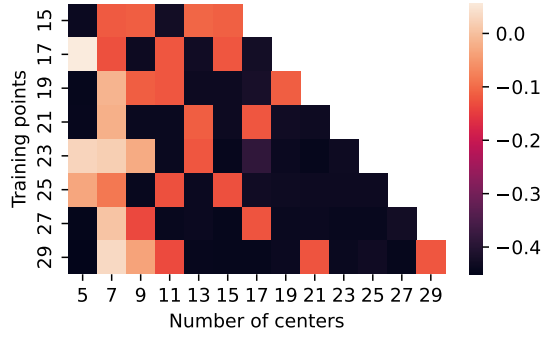


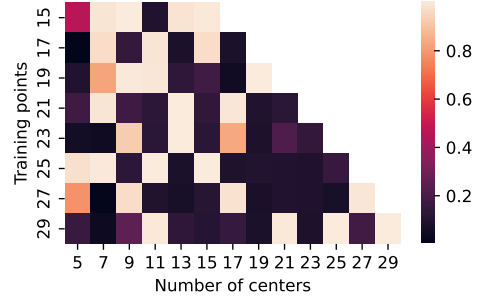
$r^7$

con polinomio lineal

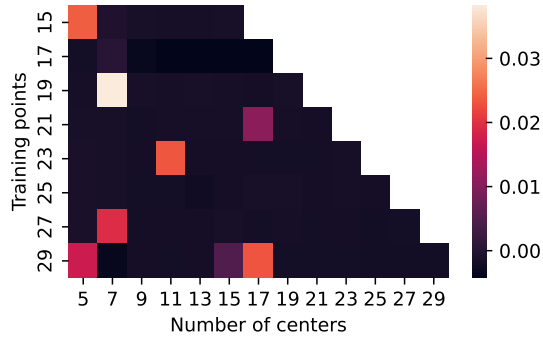
$\log_{10}(L^\infty\text{-norm})$ : approximation of  $\sin\_higher\_oscillations$  using  $phs\_kernel$ .  
Equi nodes.



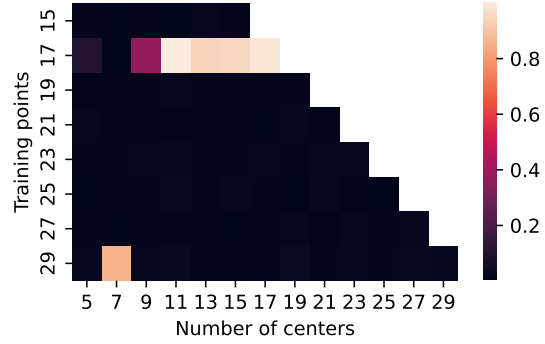
Best epoch over total epochs: approximation of  $\sin\_higher\_oscillations$  using  $phs\_kernel$ .  
Equi nodes.



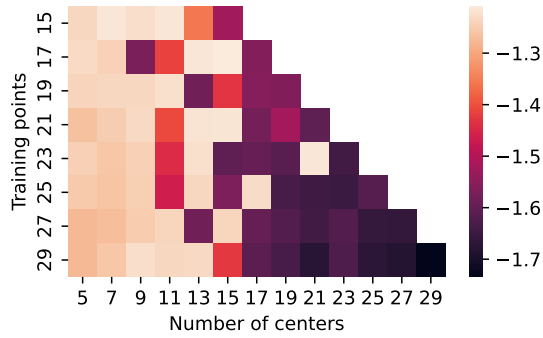
$\log_{10}(L^\infty\text{-norm})$ : approximation of  $\tanh\_sign$  using  $phs\_kernel$ .  
Equi nodes.



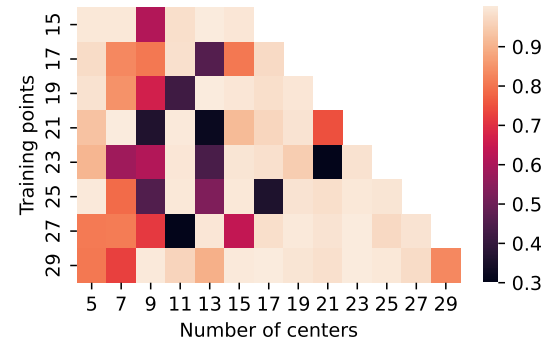
Best epoch over total epochs: approximation of  $\tanh\_sign$  using  $phs\_kernel$ .  
Equi nodes.

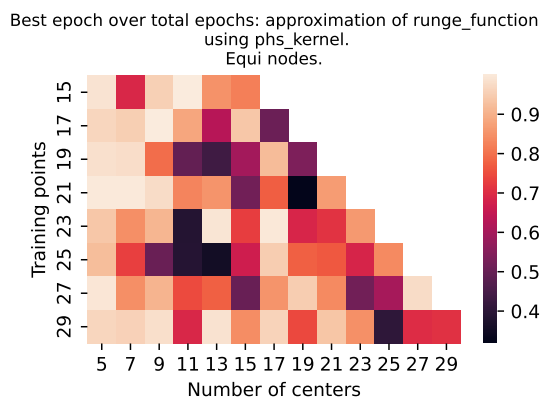
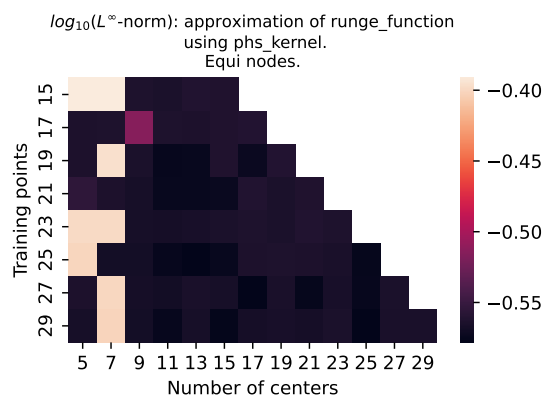
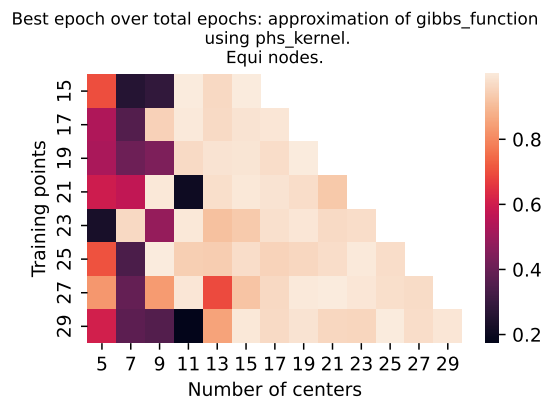
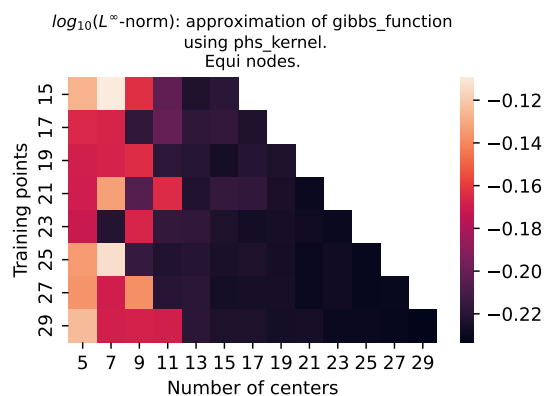


$\log_{10}(L^\infty\text{-norm})$ : approximation of  $\sin\_pi\_x\_sq$  using  $phs\_kernel$ .  
Equi nodes.

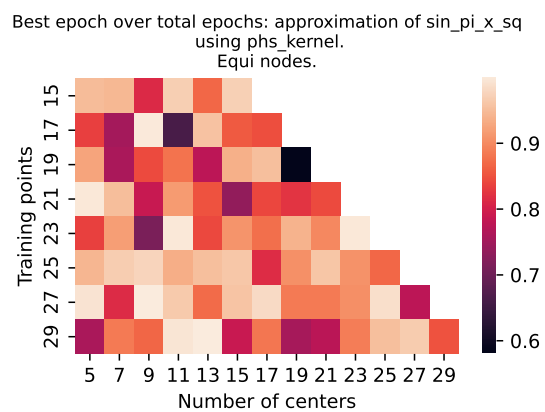
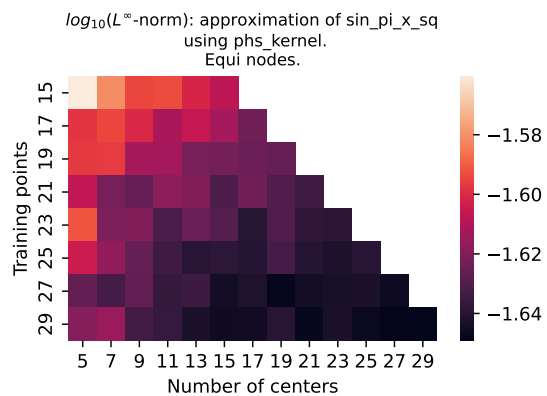
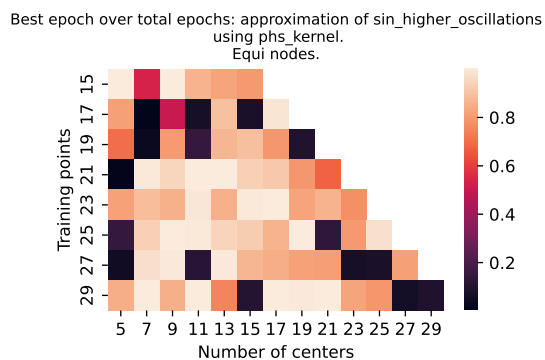
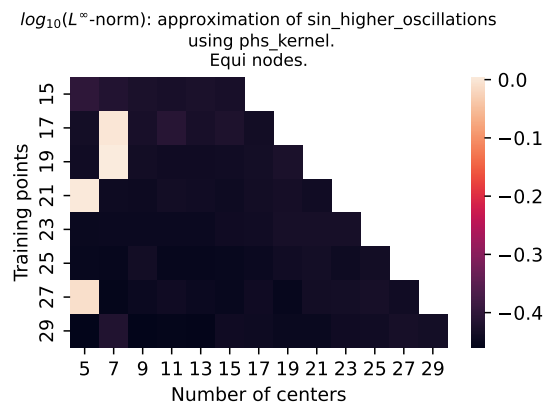


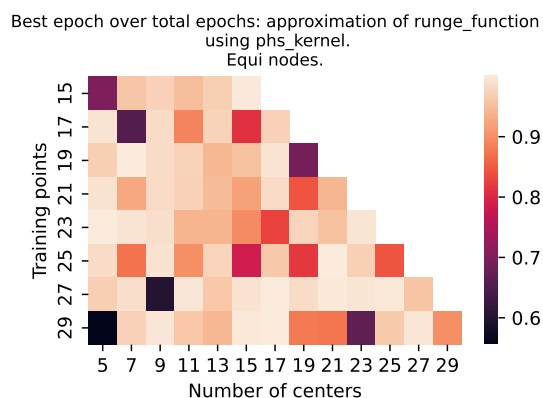
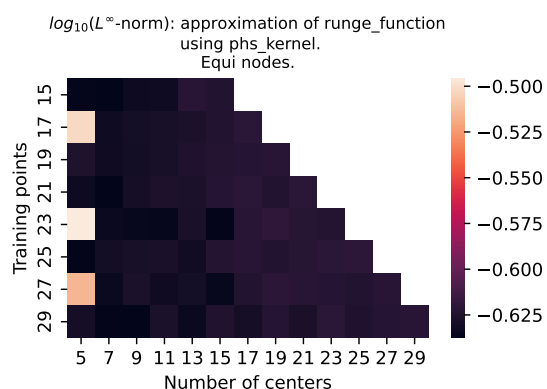
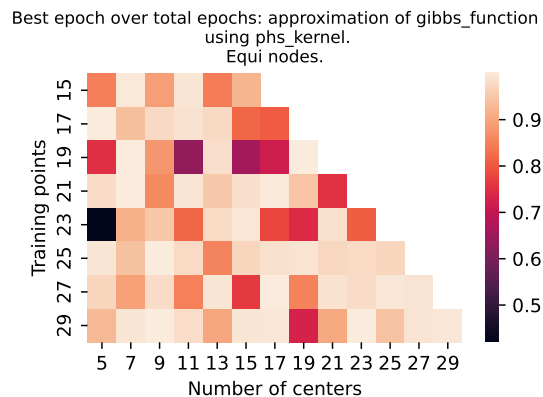
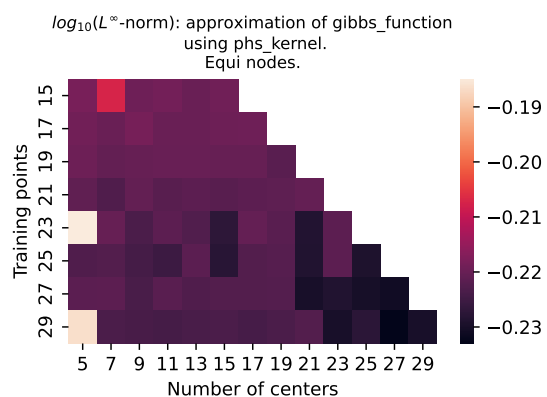
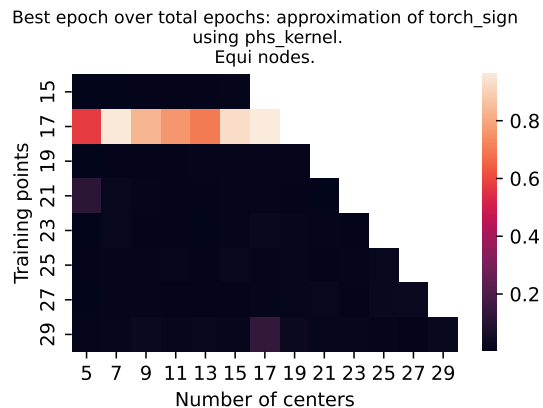
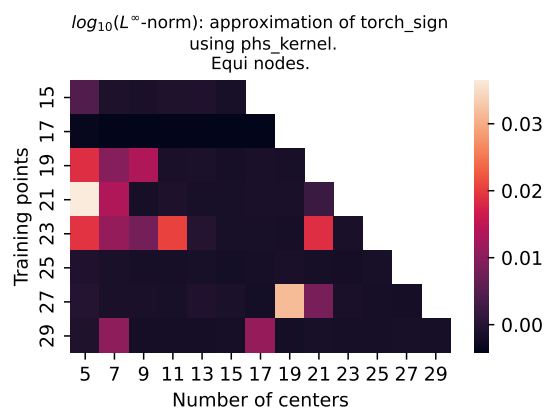
Best epoch over total epochs: approximation of  $\sin\_pi\_x\_sq$  using  $phs\_kernel$ .  
Equi nodes.



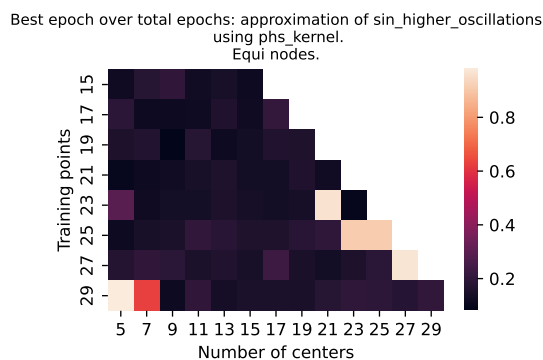
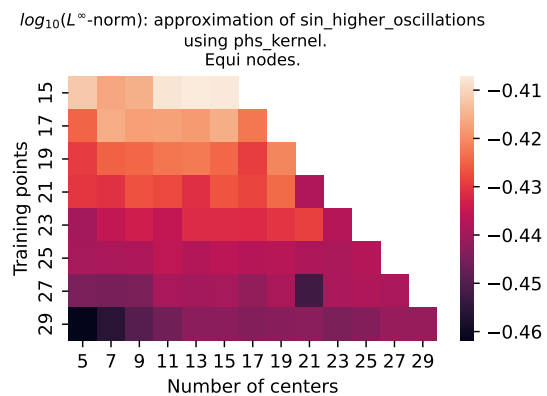


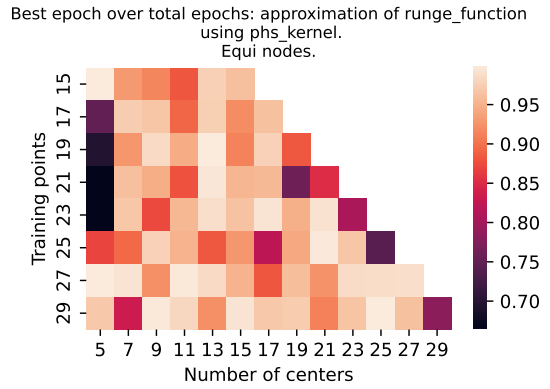
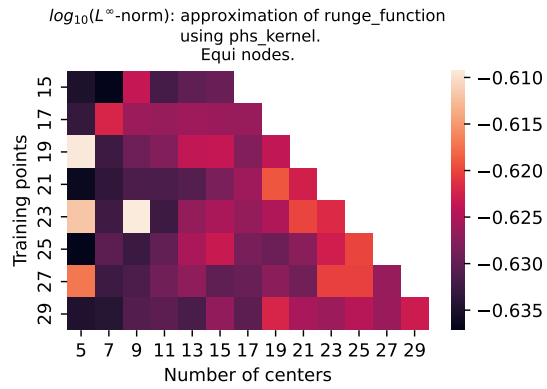
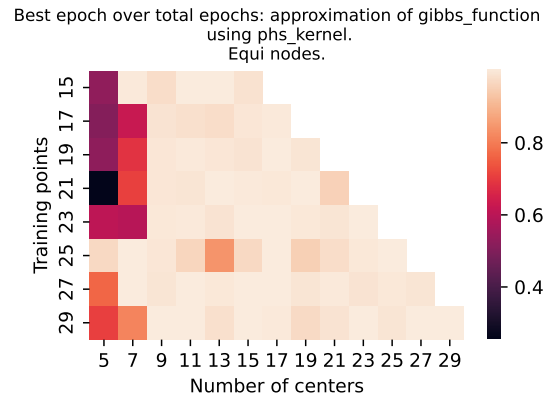
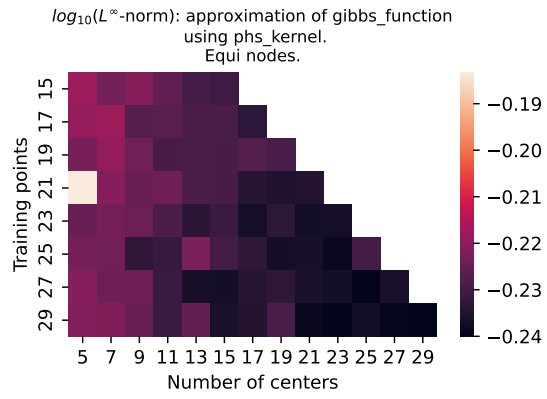
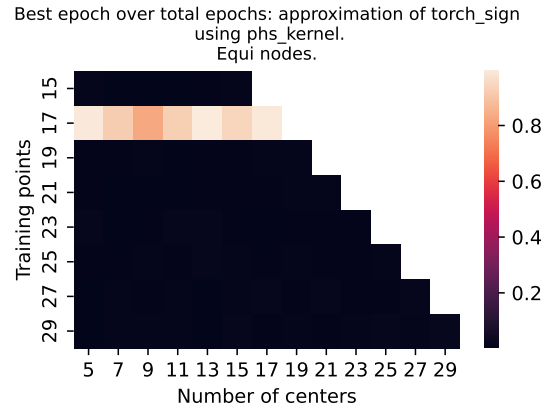
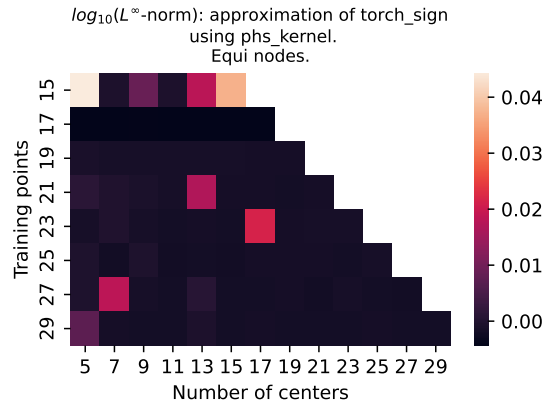
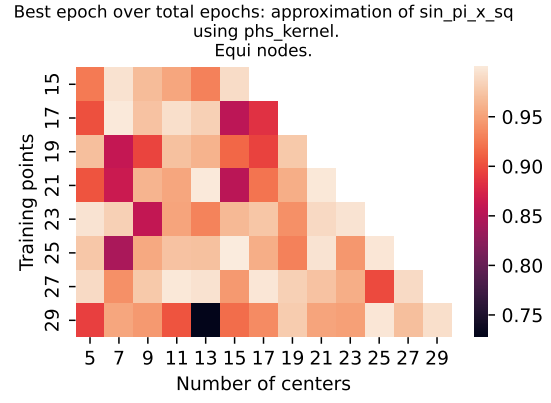
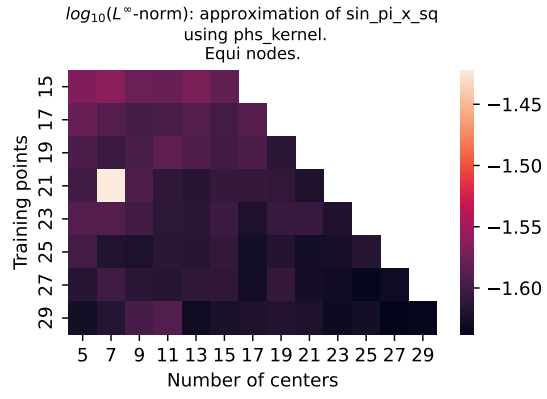
## con polinomio cuadrático





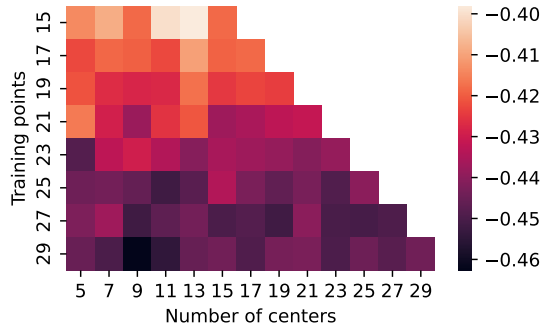
## con polinomio cúbico



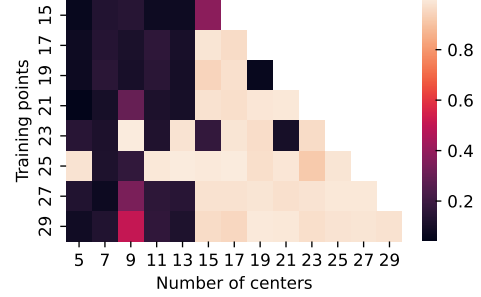


## con polinomio de orden 4

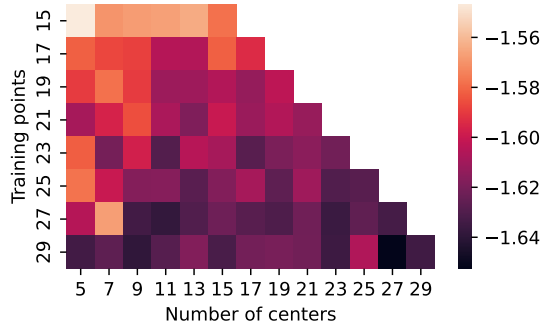
$\log_{10}(L^\infty\text{-norm})$ : approximation of `sin_higher_oscillations` using `phs_kernel`.  
Equi nodes.



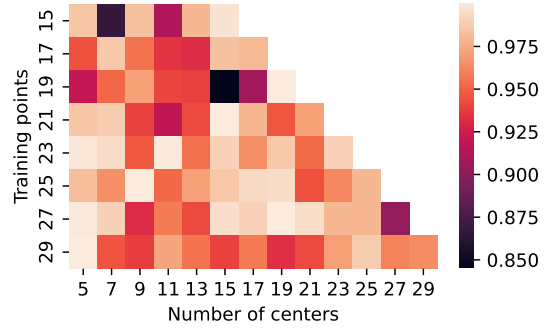
Best epoch over total epochs: approximation of `sin_higher_oscillations` using `phs_kernel`.  
Equi nodes.



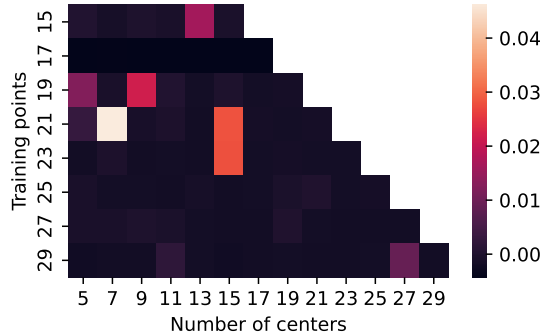
$\log_{10}(L^\infty\text{-norm})$ : approximation of `sin_pi_x_sq` using `phs_kernel`.  
Equi nodes.



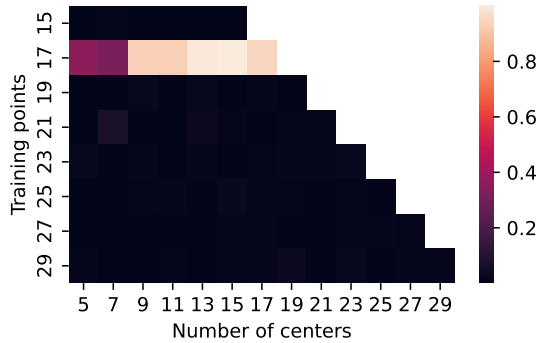
Best epoch over total epochs: approximation of `sin_pi_x_sq` using `phs_kernel`.  
Equi nodes.

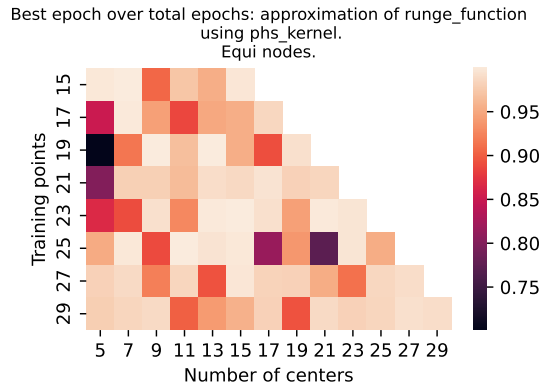
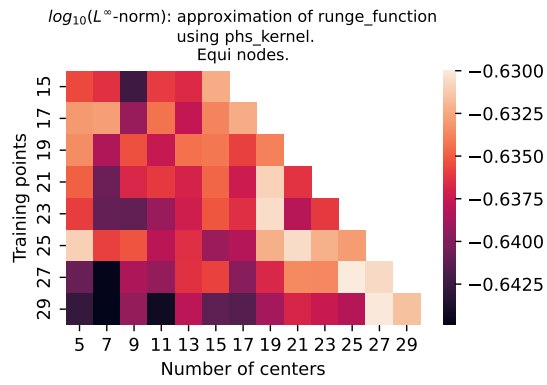
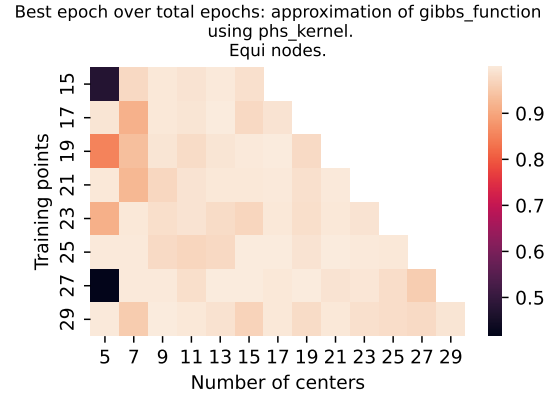
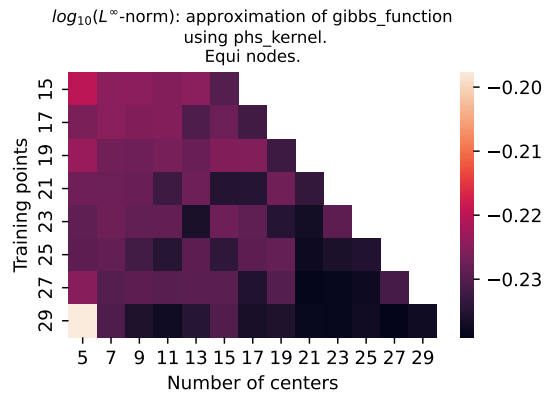


$\log_{10}(L^\infty\text{-norm})$ : approximation of `torch_sign` using `phs_kernel`.  
Equi nodes.



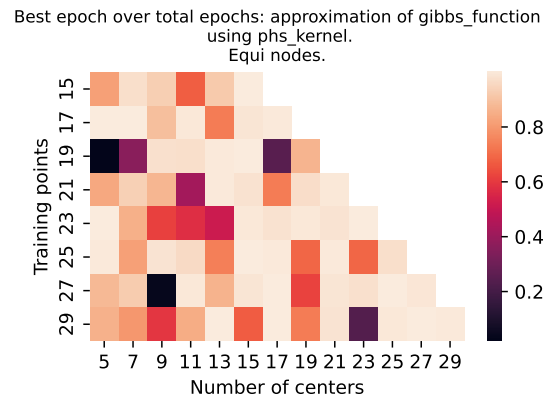
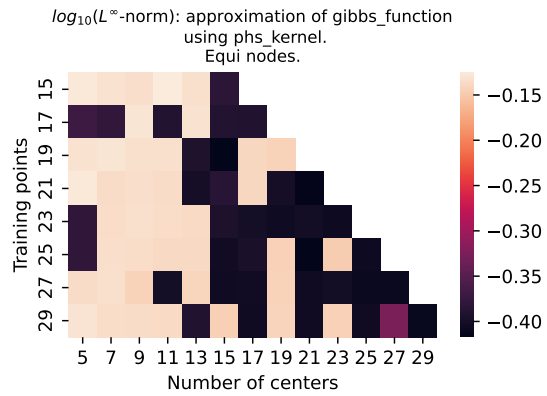
Best epoch over total epochs: approximation of `torch_sign` using `phs_kernel`.  
Equi nodes.



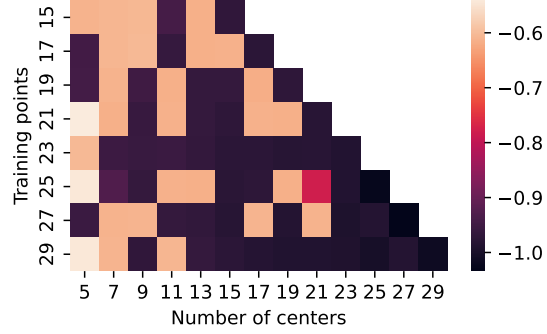


$r^3$

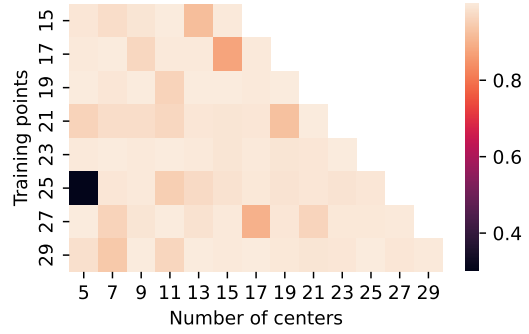
con polinomio cuadrático



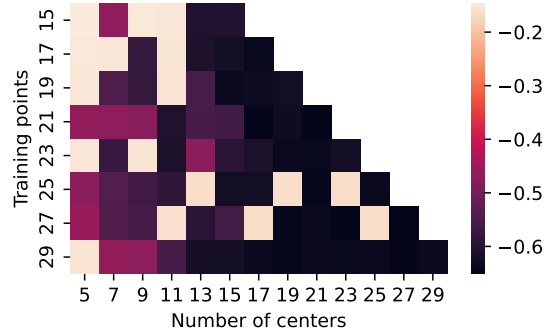
$\log_{10}(L^\infty\text{-norm})$ : approximation of `runge_function` using `phs_kernel`.  
Equi nodes.



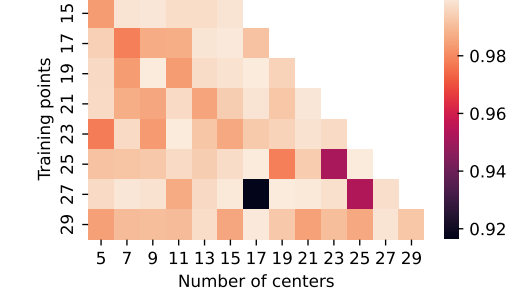
Best epoch over total epochs: approximation of `runge_function` using `phs_kernel`.  
Equi nodes.



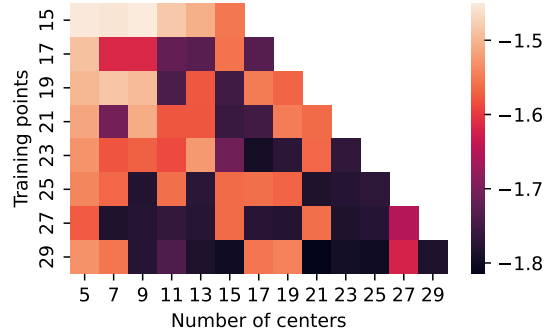
$\log_{10}(L^\infty\text{-norm})$ : approximation of `sin_higher_oscillations` using `phs_kernel`.  
Equi nodes.



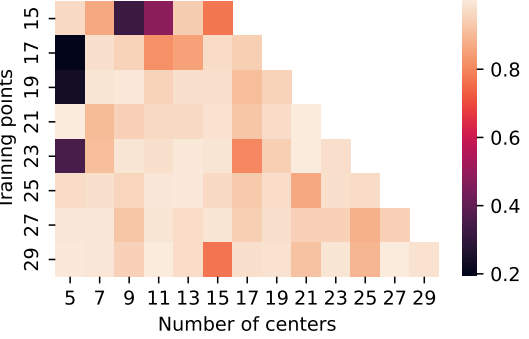
Best epoch over total epochs: approximation of `sin_higher_oscillations` using `phs_kernel`.  
Equi nodes.



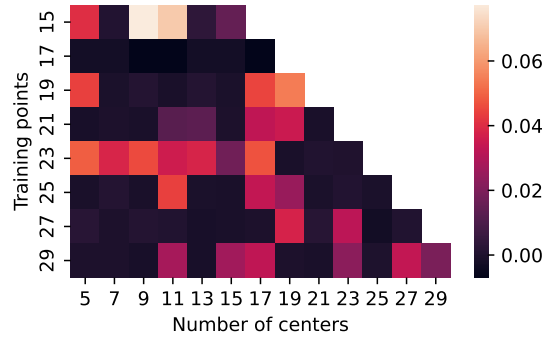
$\log_{10}(L^\infty\text{-norm})$ : approximation of `sin_pi_x_sq` using `phs_kernel`.  
Equi nodes.



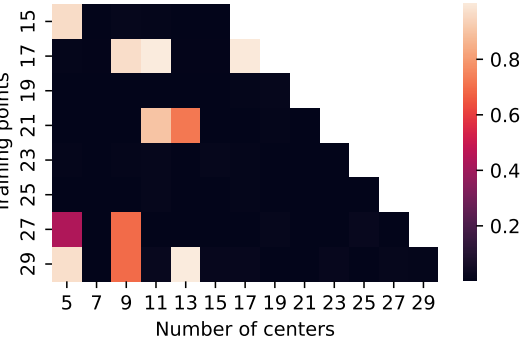
Best epoch over total epochs: approximation of `sin_pi_x_sq` using `phs_kernel`.  
Equi nodes.



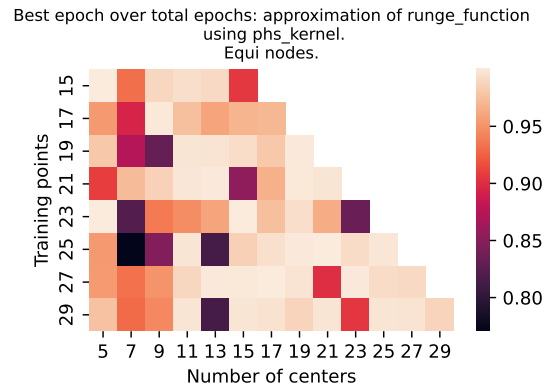
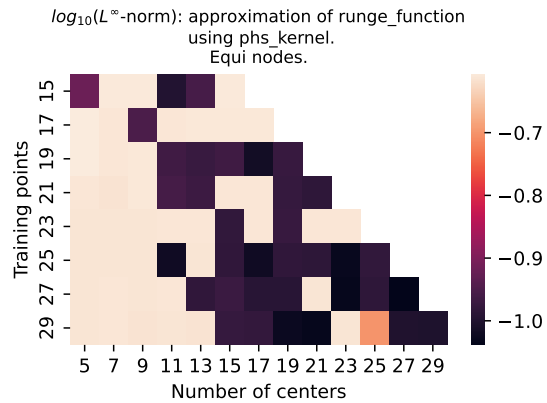
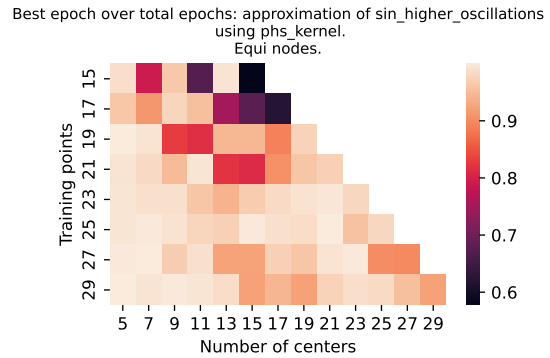
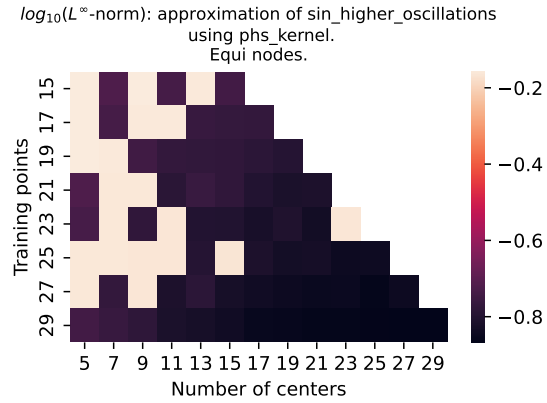
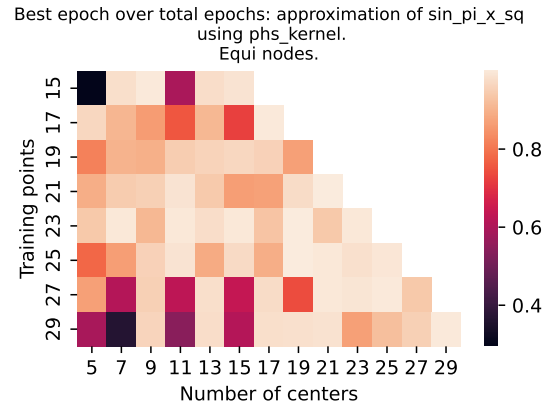
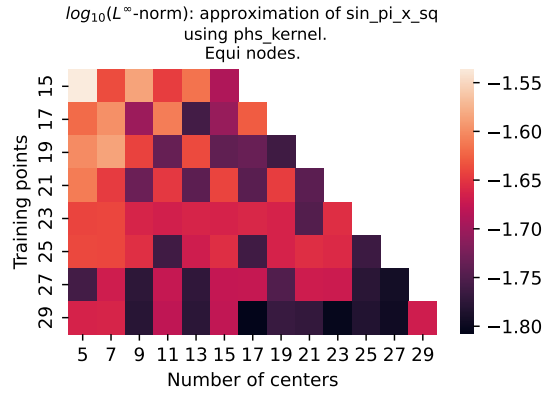
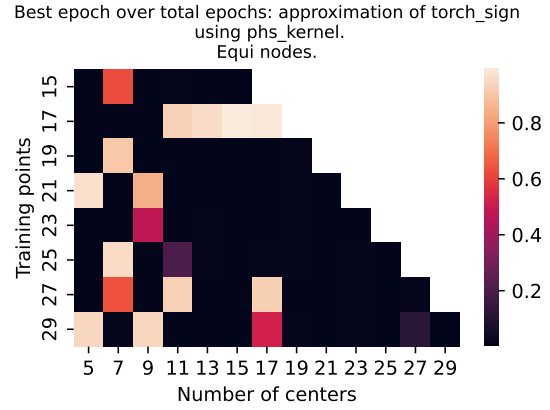
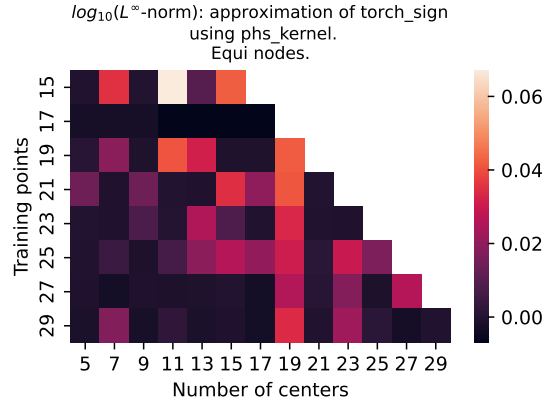
$\log_{10}(L^\infty\text{-norm})$ : approximation of `torch_sign` using `phs_kernel`.  
Equi nodes.



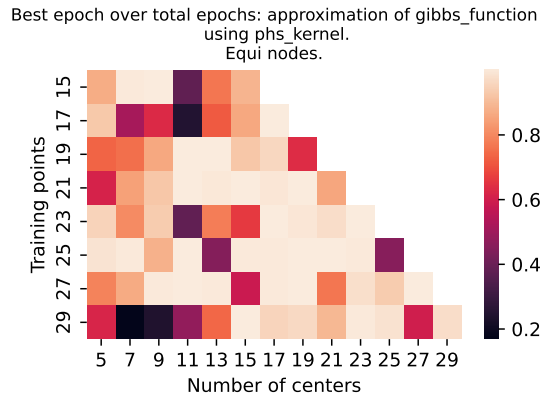
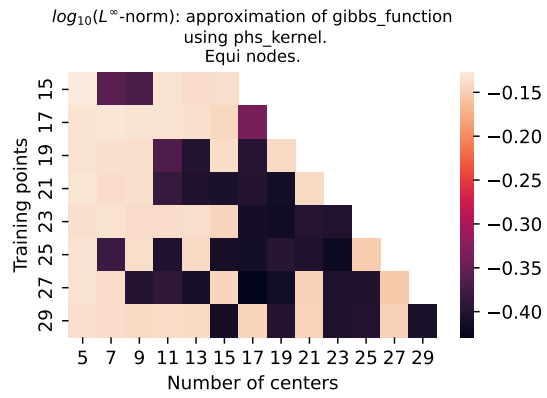
Best epoch over total epochs: approximation of `torch_sign` using `phs_kernel`.  
Equi nodes.



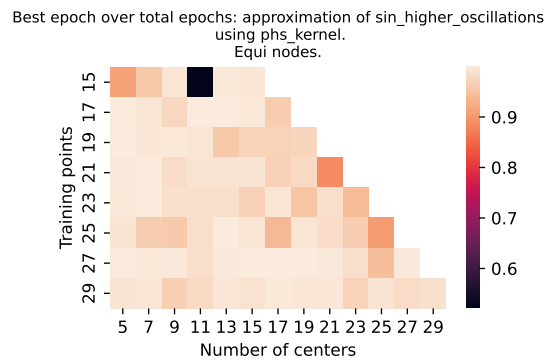
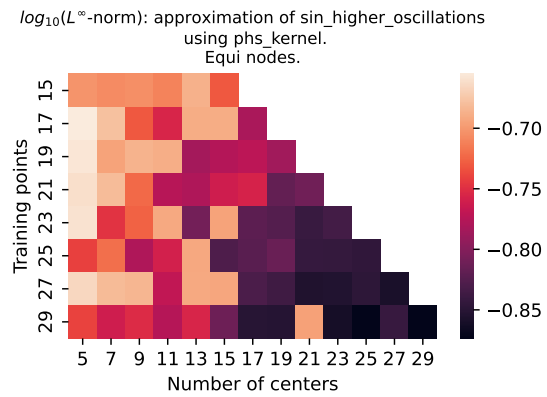
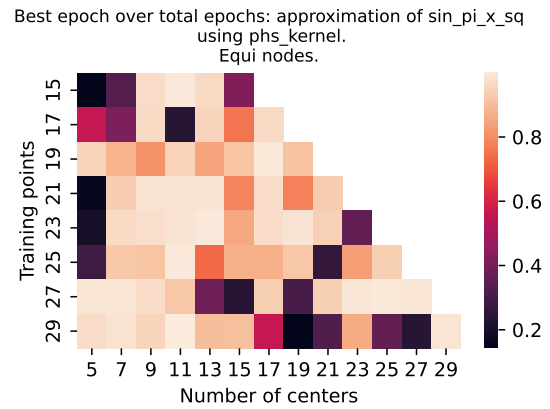
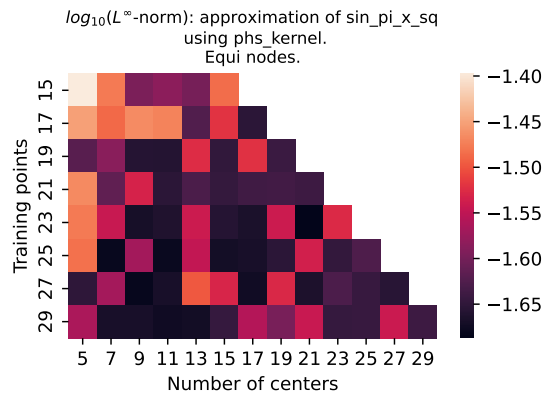
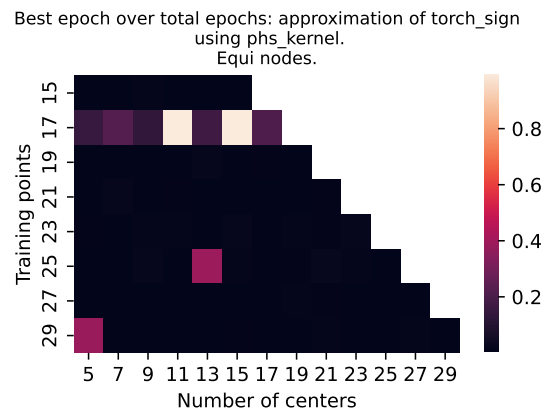
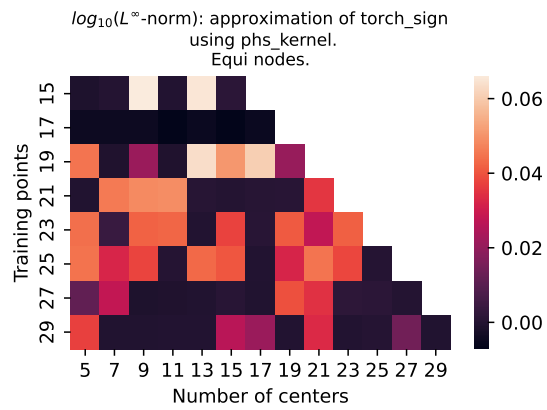
## con polinomio cúbico

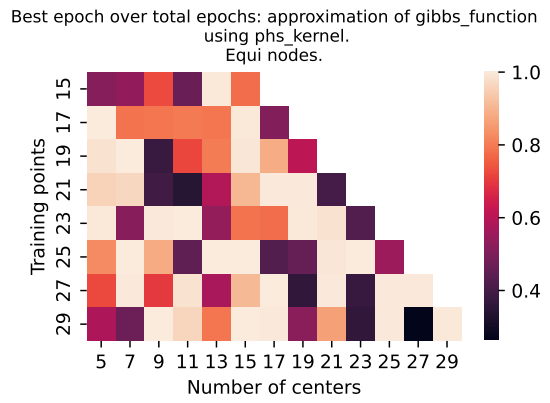
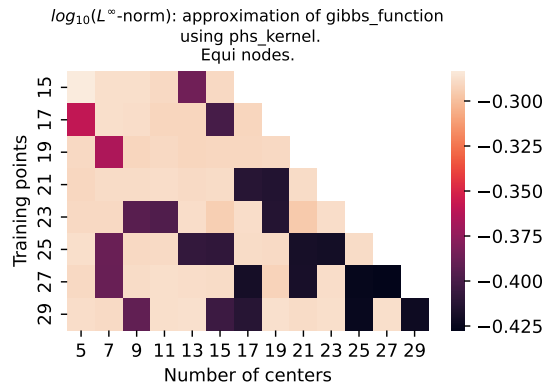
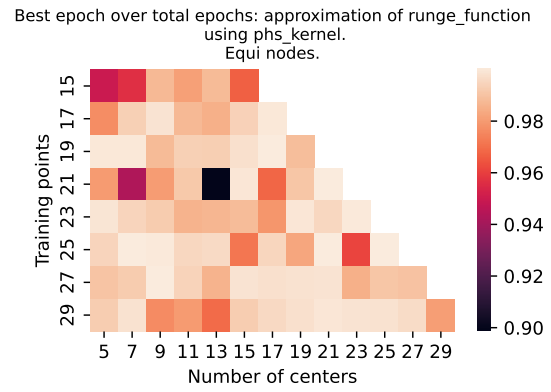
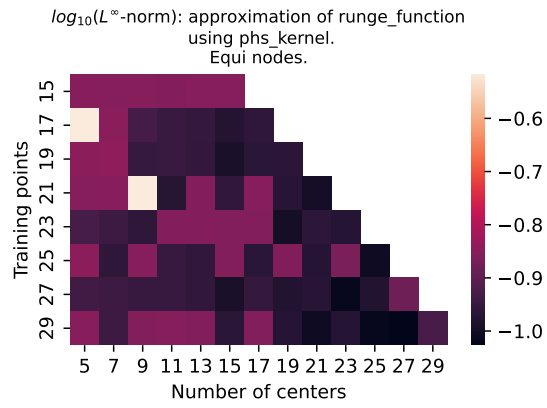






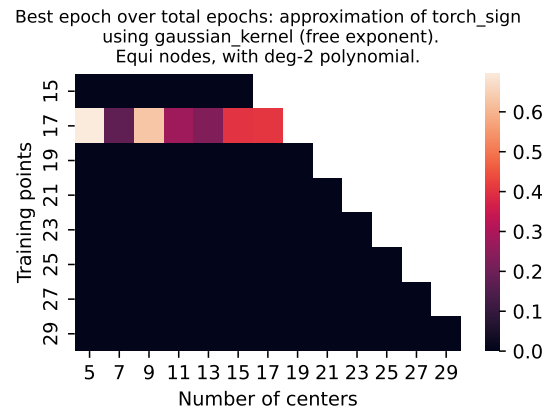
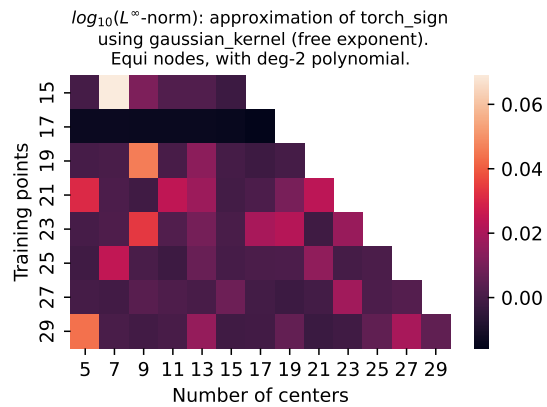
con polinomio de orden 4

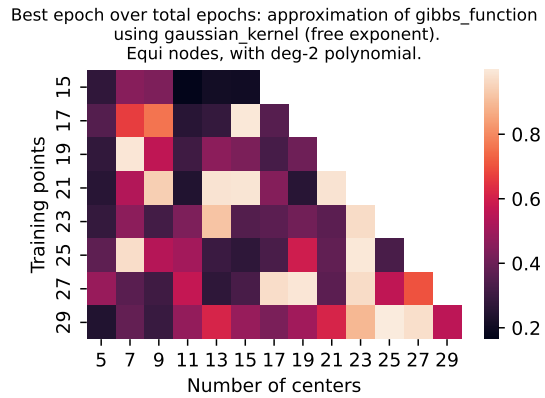
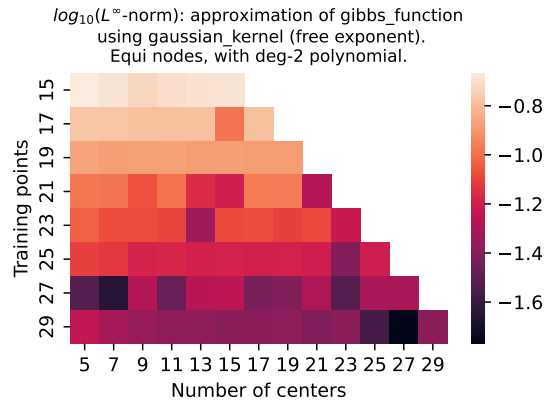
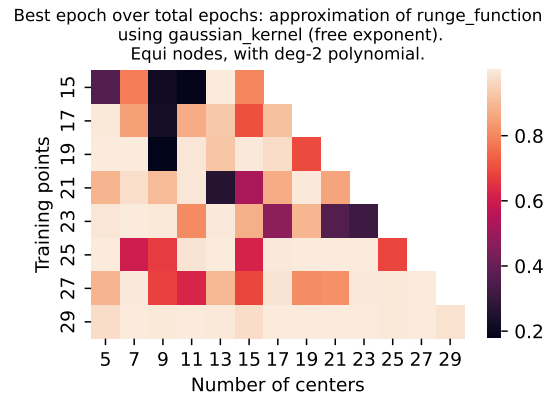
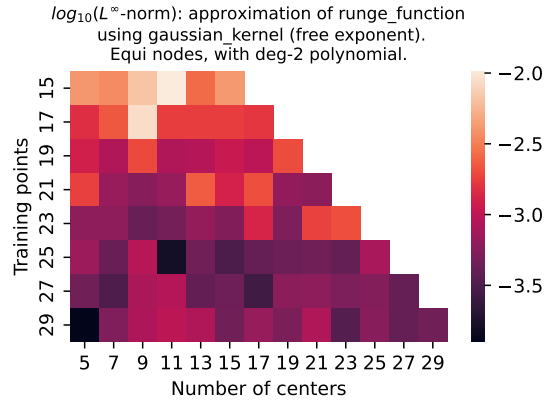
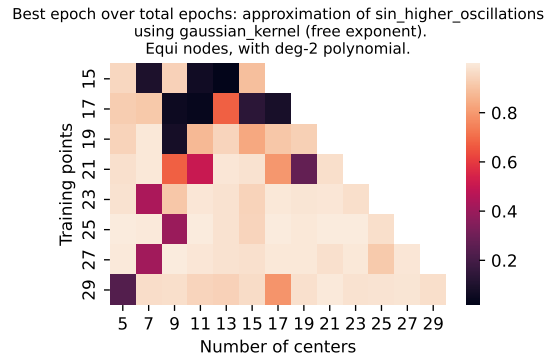
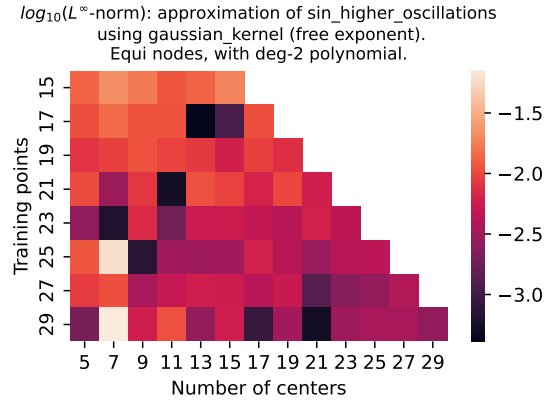
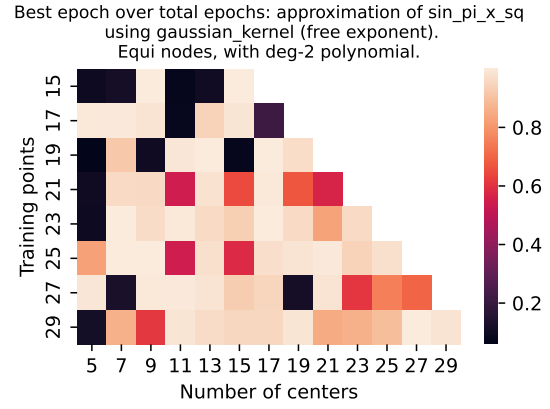
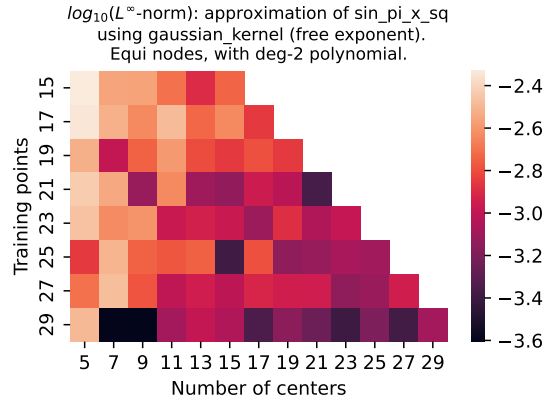




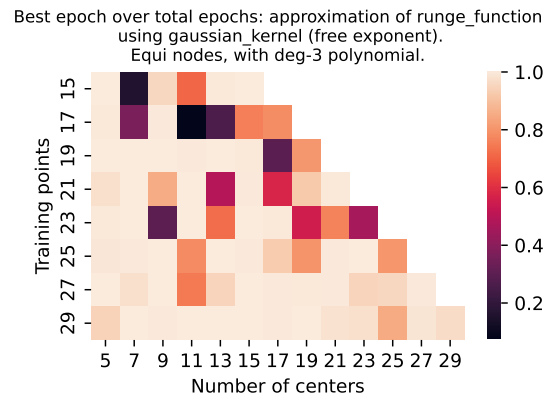
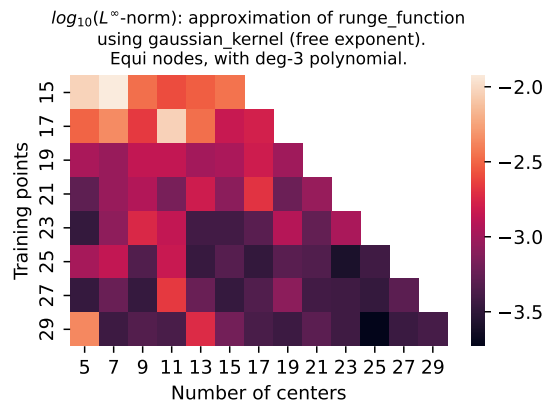
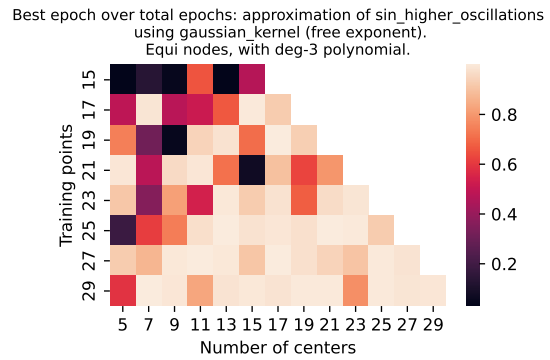
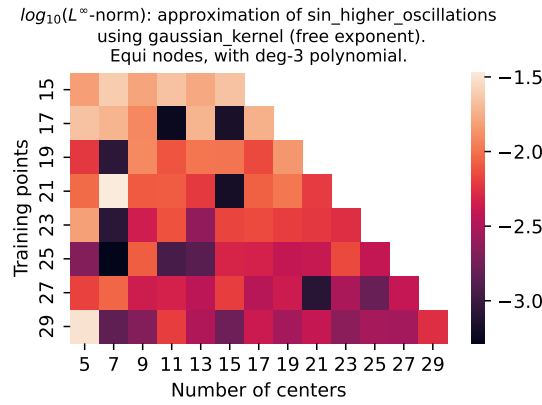
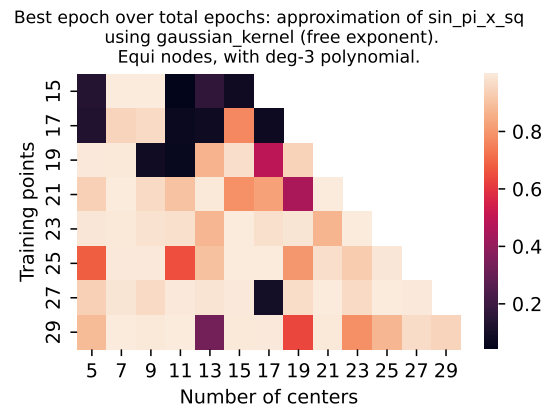
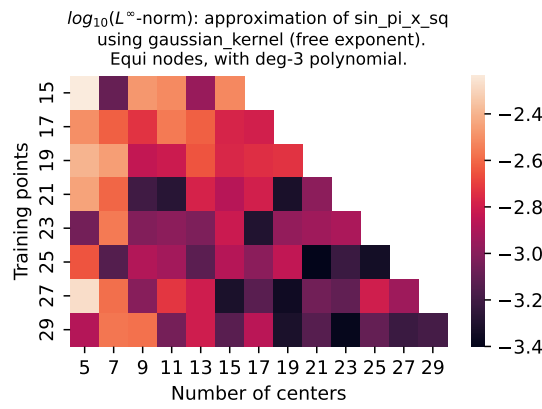
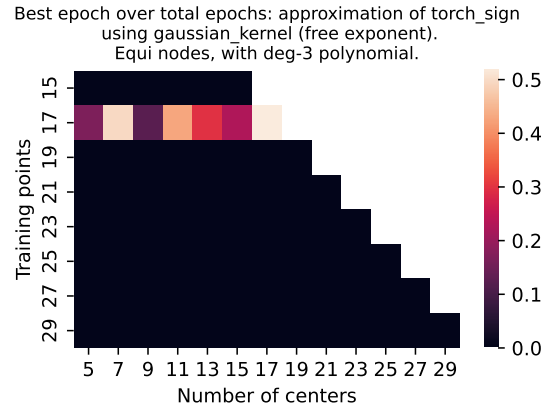
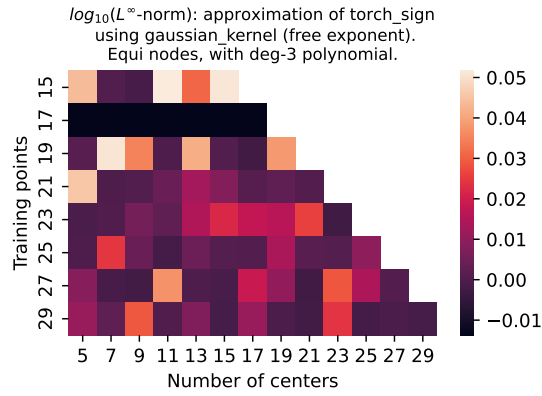
## kernel gaussiano

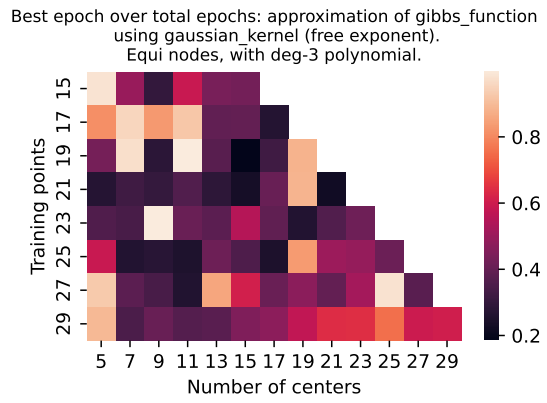
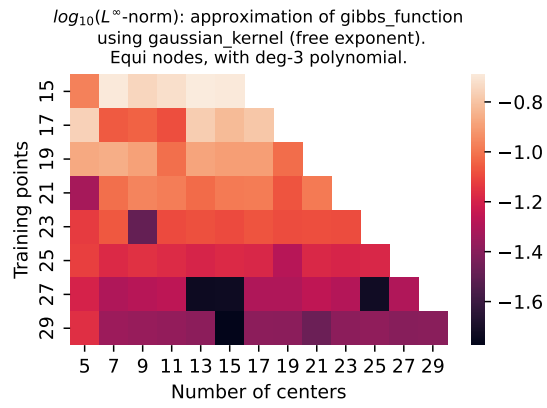
### con polinomio cuadrático



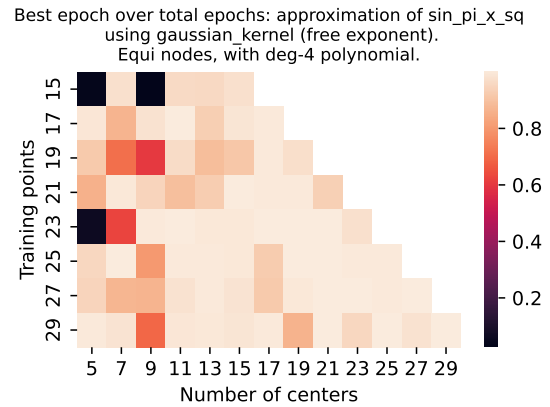
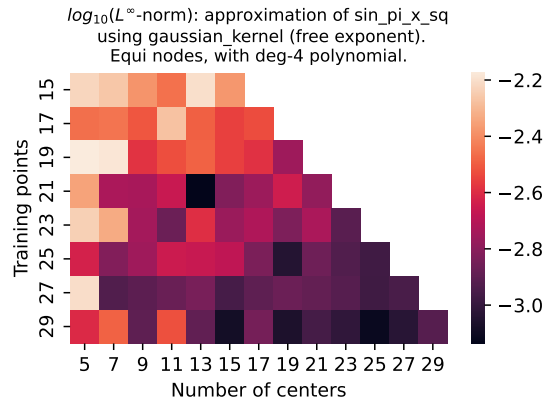
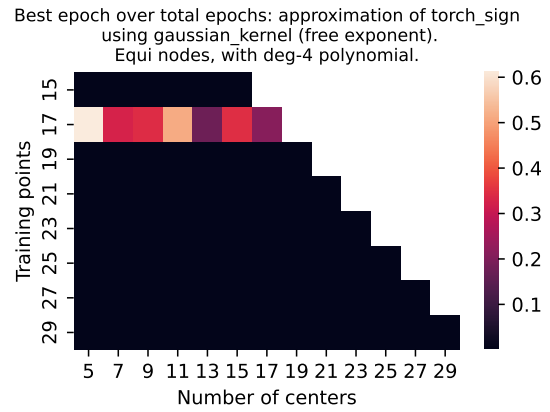
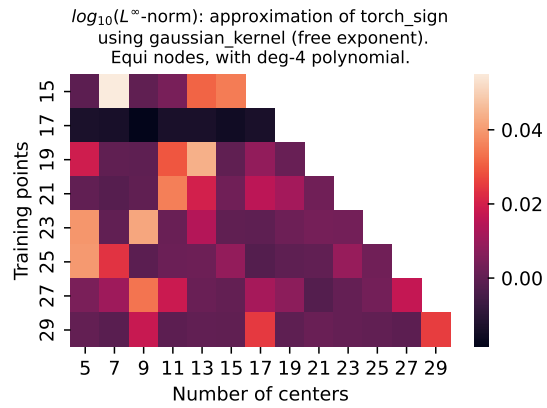


## con polinomio cúbico

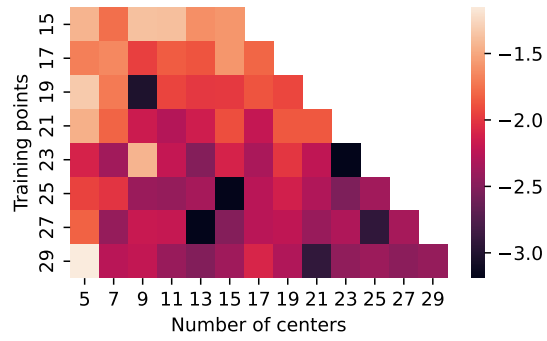




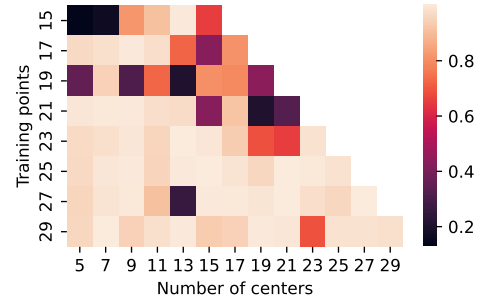
con polinomio de orden 4



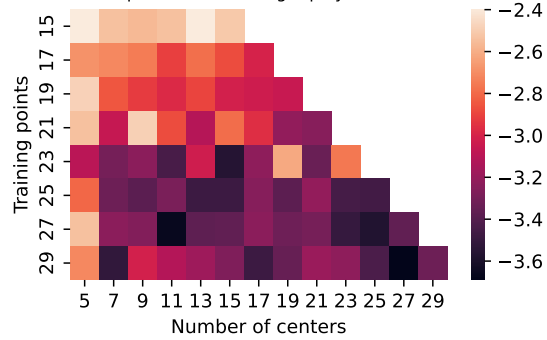
$\log_{10}(L^\infty\text{-norm})$ : approximation of `sin_higher_oscillations`  
using gaussian\_kernel (free exponent).  
Equi nodes, with deg-4 polynomial.



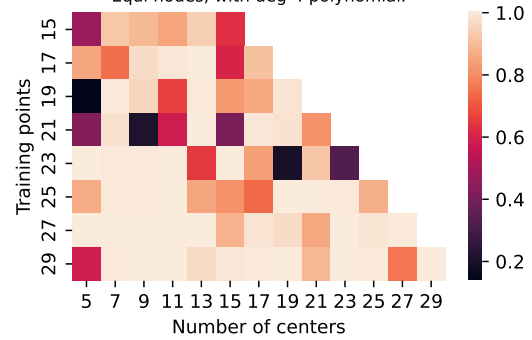
Best epoch over total epochs: approximation of `sin_higher_oscillations`  
using gaussian\_kernel (free exponent).  
Equi nodes, with deg-4 polynomial.



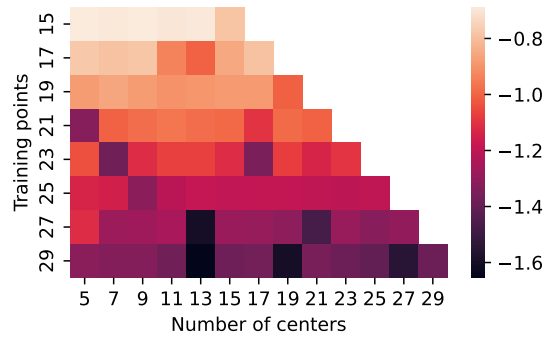
$\log_{10}(L^\infty\text{-norm})$ : approximation of `runge_function`  
using gaussian\_kernel (free exponent).  
Equi nodes, with deg-4 polynomial.



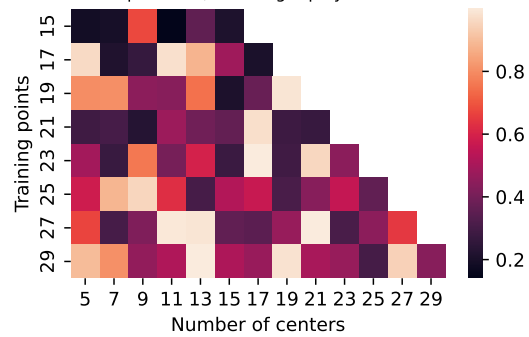
Best epoch over total epochs: approximation of `runge_function`  
using gaussian\_kernel (free exponent).  
Equi nodes, with deg-4 polynomial.



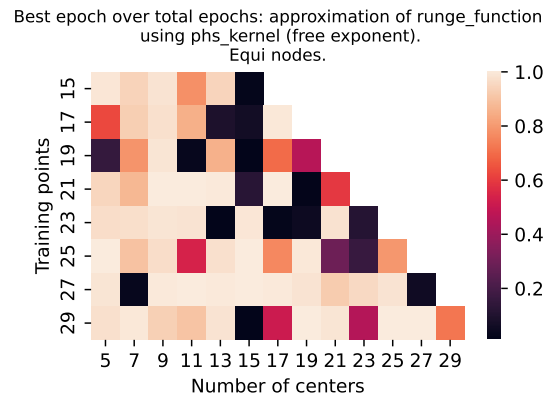
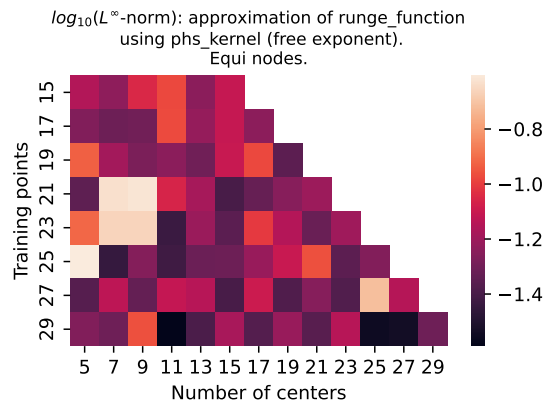
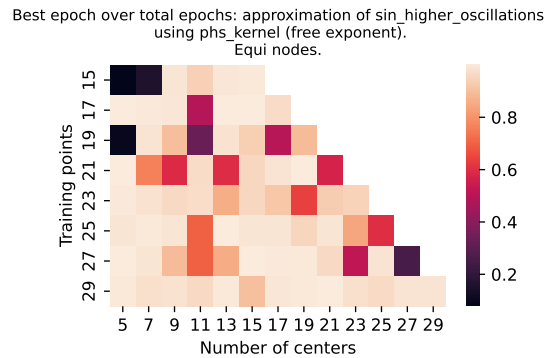
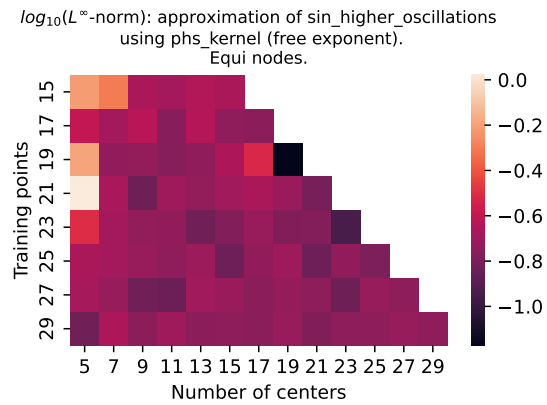
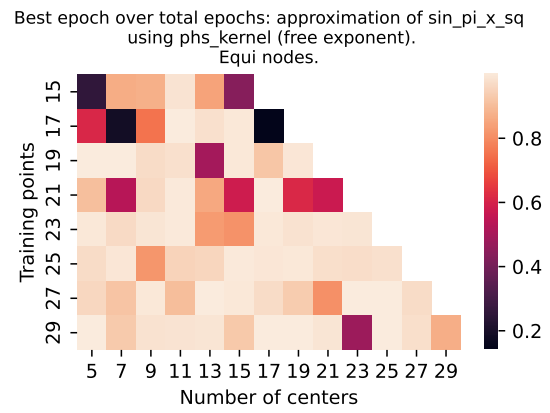
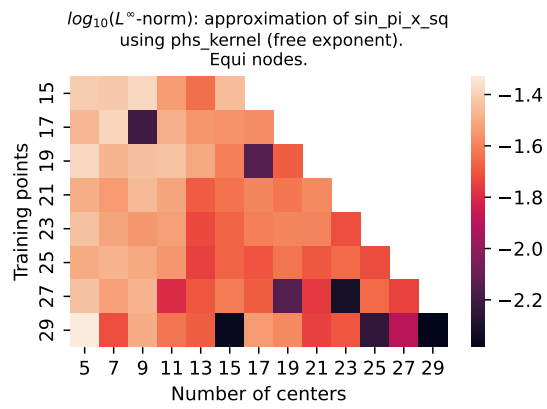
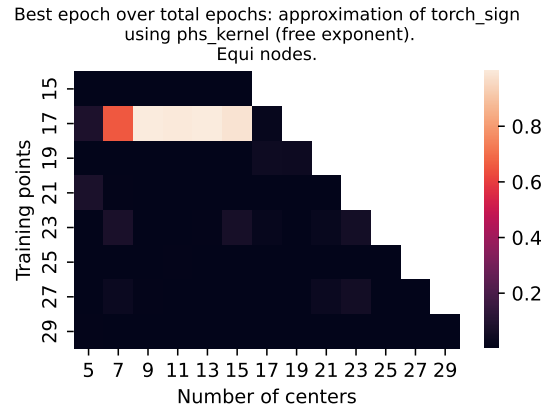
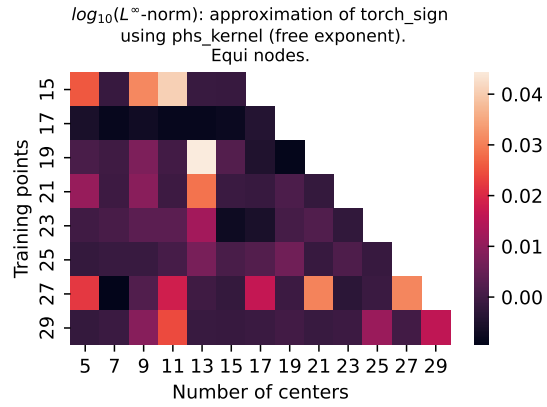
$\log_{10}(L^\infty\text{-norm})$ : approximation of `gibbs_function`  
using gaussian\_kernel (free exponent).  
Equi nodes, with deg-4 polynomial.

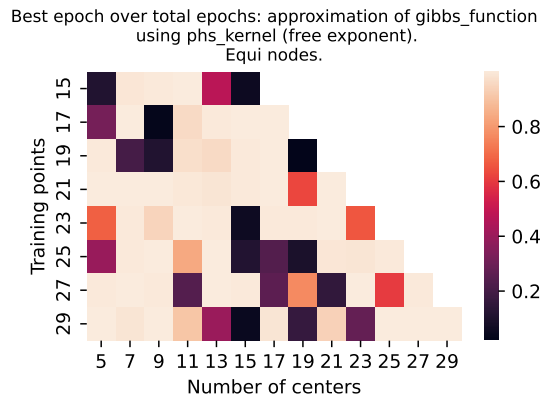
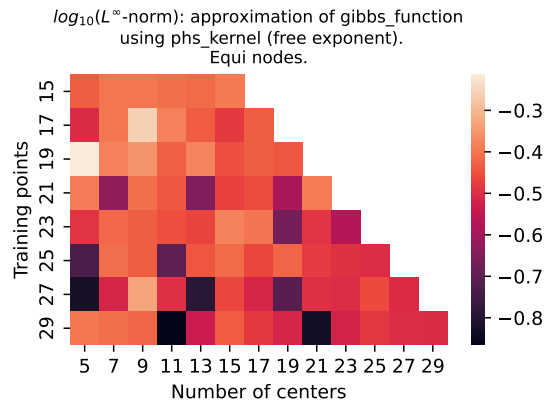


Best epoch over total epochs: approximation of `gibbs_function`  
using gaussian\_kernel (free exponent).  
Equi nodes, with deg-4 polynomial.

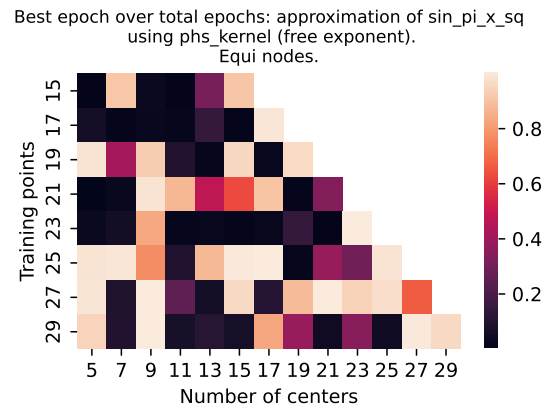
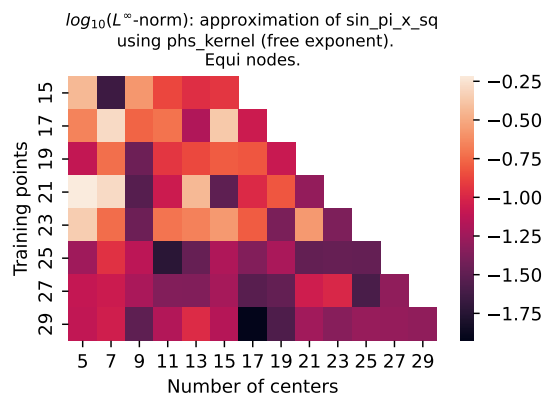
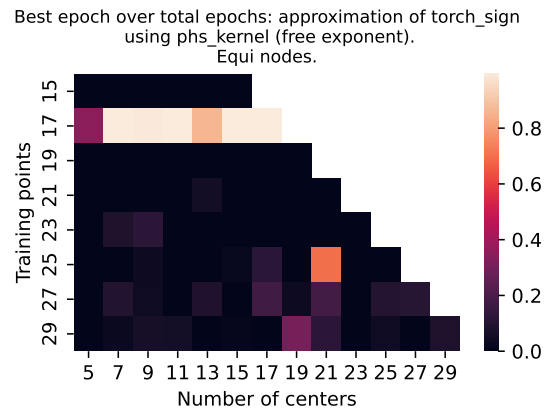
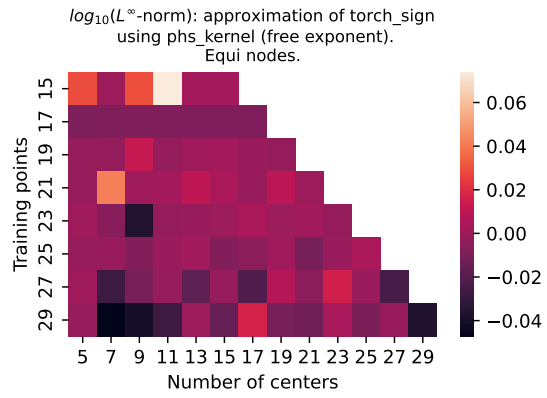


$r^3$ , pero con el exponente entrenable



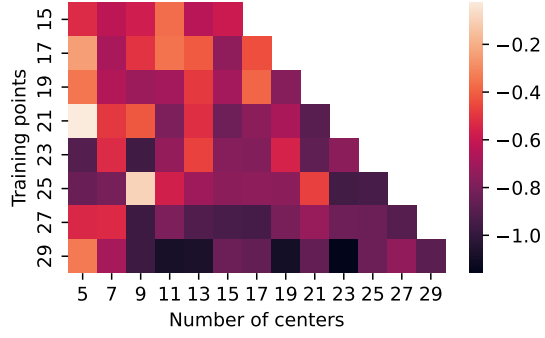


$r^1$ , pero con el exponente entrenable

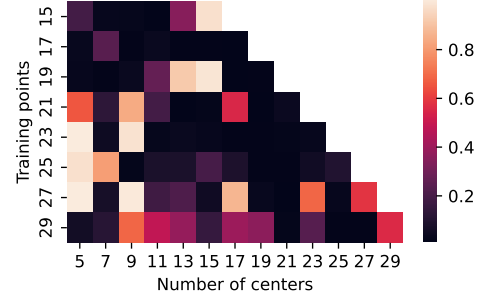




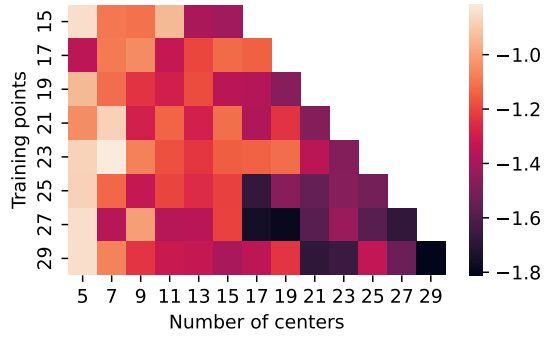
$\log_{10}(L^\infty\text{-norm})$ : approximation of `sin_higher_oscillations` using `phs_kernel` (free exponent).  
Equi nodes.



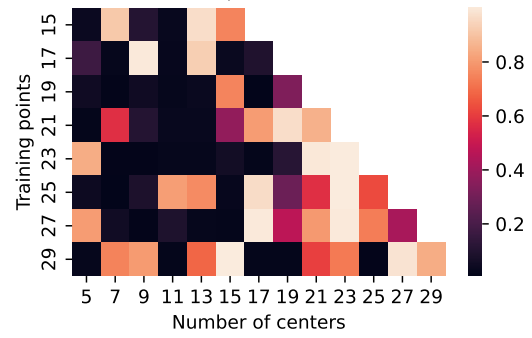
Best epoch over total epochs: approximation of `sin_higher_oscillations` using `phs_kernel` (free exponent).  
Equi nodes.



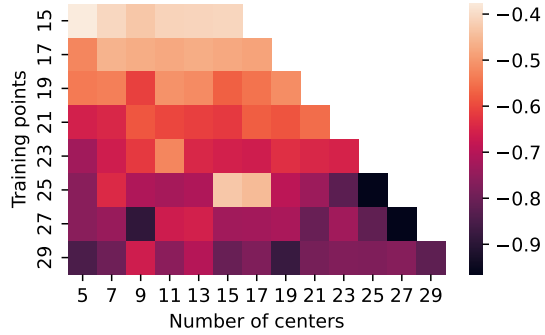
$\log_{10}(L^\infty\text{-norm})$ : approximation of `runge_function` using `phs_kernel` (free exponent).  
Equi nodes.



Best epoch over total epochs: approximation of `runge_function` using `phs_kernel` (free exponent).  
Equi nodes.



$\log_{10}(L^\infty\text{-norm})$ : approximation of `gibbs_function` using `phs_kernel` (free exponent).  
Equi nodes.



Best epoch over total epochs: approximation of `gibbs_function` using `phs_kernel` (free exponent).  
Equi nodes.

