|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | depth | square root | linear | optimal | power |
| pure breadth | $$V\_{126}=3748, $$$$p\_{adj}=1$$ | $$V\_{126}=3582, $$$$p\_{adj}=1$$ | $$V\_{126}=1443,$$$$p\_{adj}=7.32×10^{-4}$$ | $$V\_{126}=991,$$$$p\_{adj}=3.56×10^{-12}$$ | $$V\_{126}=802,$$$$p\_{adj}=5.31×10^{-12}$$ |
| depth |  | $$V\_{126}=4039,$$$$p\_{adj}=1$$ | $$V\_{126}=2501,$$$$p\_{adj}=.004$$ | $$V\_{126}=1252,$$$$p\_{adj}=3.33×10^{-10}$$ | $$V\_{126}=1025,$$$$p\_{adj}=6.56×10^{-12}$$ |
| square root |  |  | $$V\_{126}=2910,$$$$p\_{adj}=.119$$ | $$V\_{126}=2347,$$$$p\_{adj}=8.54×10^{-4}$$ | $$V\_{126}=799,$$$$p\_{adj}=4.23×10^{-13}$$ |
| linear |  |  |  | $$V\_{126}=3485,$$$$p\_{adj}=1$$ | $$V\_{126}=480,$$$$p\_{adj}=6.08×10^{-15}$$ |
| optimal |  |  |  |  | $$V\_{126}=2630,$$$$p\_{adj}=.013$$ |

***Table S5***. Summary of the pair-wise comparisons (Wilcoxon Matched Pairs Signed-Ranks test) of the 4-folds averaged CVLL between all six models using Gaussian distributed noise. P-values are adjusted with Bonferroni corrections and significative differences (*p* <.05) are highlighted in bold. Models are ordered from worst (pure breadth) to best (free power-law).