

legend: \$RMSE/MAE/R^2\$

| | maximum absorption wavelength | maximum emission wavelength | absorption bandwidth | absorption molar extinction coefficient | emission bandwidth | quantum yield | log lifetime |
|-----------------------|----------------------------------|--------------------------------|-----------------------|--|-----------------------|--------------------|-------------------|
| group by smiles | alone: | alone: | | | | | |
| | 25.97/16.985/0.927 | 47.894/28.312/0.716 | | | | | |
| | both_peaks: | both_peaks: | abs_all: | abs_all: | emi_all: | multitask_all: | multitask_all: |
| | 30.476/19.376/0.912 | 40.452/26.423/0.835 | 19.03/14.975/0.386 | 0.389/0.296/0.499 | 24.768/16.351/0.365 | 0.239/0.187/0.412 | 0.381/0.288/0.07 |
| | abs_all: | emi_all: | multitask_peak_stats: | multitask_peak_stats: | multitask_peak_stats: | | |
| | 58.278/43.813/0.769 | 41.005/29.177/0.776 | 14.875/9.984/0.621 | 0.38/0.23/0.445 | 19.883/13.988/0.411 | alone: | alone: |
| | multitask_peak_stats: | multitask_peak_stats: | multitask_all: | multitask_all: | multitask_all: | 0.235/0.173/0.435 | 0.464/0.329/0.575 |
| | 42.005/28.732/0.845 | 46.2/31.605/0.801 | 12.895/9.925/0.601 | 0.393/0.154/0.197 | 22.305/17.31/0.111 | | |
| random | multitask_all: | multitask_all: | | | | | |
| | 25.779/19.818/0.884 | 45.159/33.306/0.732 | | | | | |
| | alone: | alone: | | | | | |
| | 19.45/10.468/0.967 | 24.445/14.681/0.936 | | | | | |
| | both_peaks: | both_peaks: | abs_all: | abs_all: | emi_all: | multitask_all: | multitask_all: |
| | 17.082/10.044/0.971 | 22.864/14.966/0.944 | 11.647/7.988/0.756 | 0.226/0.152/0.776 | 15.937/10.295/0.699 | 0.215/0.163/0.493 | 0.381/0.293/0.478 |
| | abs_all: | emi_all: | multitask_peak_stats: | multitask_peak_stats: | multitask_peak_stats: | | |
| | 24.419/16.367/0.937 | 28.937/19.014/0.897 | 13.566/8.468/0.643 | 0.33/0.14/0.462 | 17.433/11.347/0.547 | alone: | alone: |
| scaffold | multitask_peak_stats: | multitask_peak_stats: | multitask_all: | multitask_all: | multitask_all: | 0.166/0.119/0.707 | 0.32/0.204/0.776 |
| | 86.722/24.917/0.356 | 61.703/27.414/0.621 | 14.102/10.332/0.629 | 0.24/0.165/0.781 | 19.268/13.718/0.507 | | |
| | multitask_all: | multitask_all: | | | | | |
| | 30.225/20.954/0.878 | 52.125/32.927/0.717 | | | | | |
| | alone: | alone: | | | | | |
| | 45.193/31.906/0.727 | 46.176/34.257/0.731 | | | | | |
| | both_peaks: | both_peaks: | abs_all: | abs_all: | emi_all: | multitask_all: | multitask_all: |
| | 34.961/24.23/0.87 | 41.419/30.618/0.826 | 16.725/11.835/0.044 | 0.314/0.217/0.048 | 22.175/16.059/0.321 | 0.347/0.264/-0.026 | 0.451/0.334/0.032 |
| | abs_all: | emi_all: | multitask_peak_stats: | multitask_peak_stats: | multitask_peak_stats: | | |
| | 45.372/35.137/0.811 | 49.562/34.035/0.736 | 19.137/14.67/0.311 | 0.386/0.259/0.396 | 26.333/19.056/0.25 | alone: | alone: |
| | multitask_peak_stats: | multitask_peak_stats: | multitask_all: | multitask_all: | multitask_all: | 0.286/0.216/0.157 | 0.568/0.425/0.312 |
| | 56.575/39.064/0.693 | 64.868/45.896/0.567 | 16.69/13.304/0.347 | 0.436/0.328/-0.206 | 28.343/22.471/0.153 | | |
| | multitask_all: | multitask_all: | | | | | |
| | 64.306/54.233/0.331 | 81.026/67.023/0.293 | | | | | |