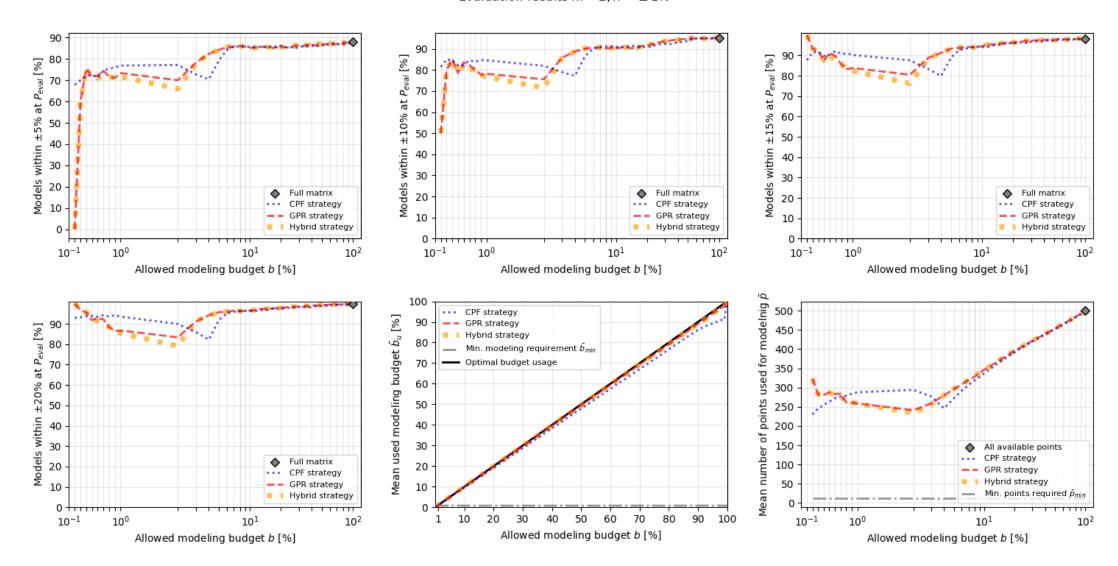
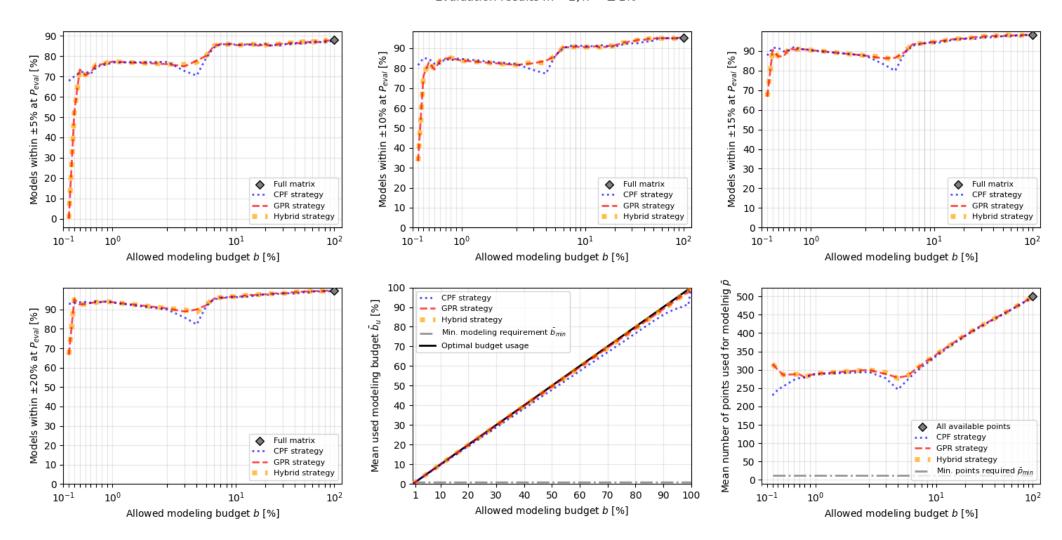
# Grid Search for best configuration of GPR strategy

3 parameter, 1% noise

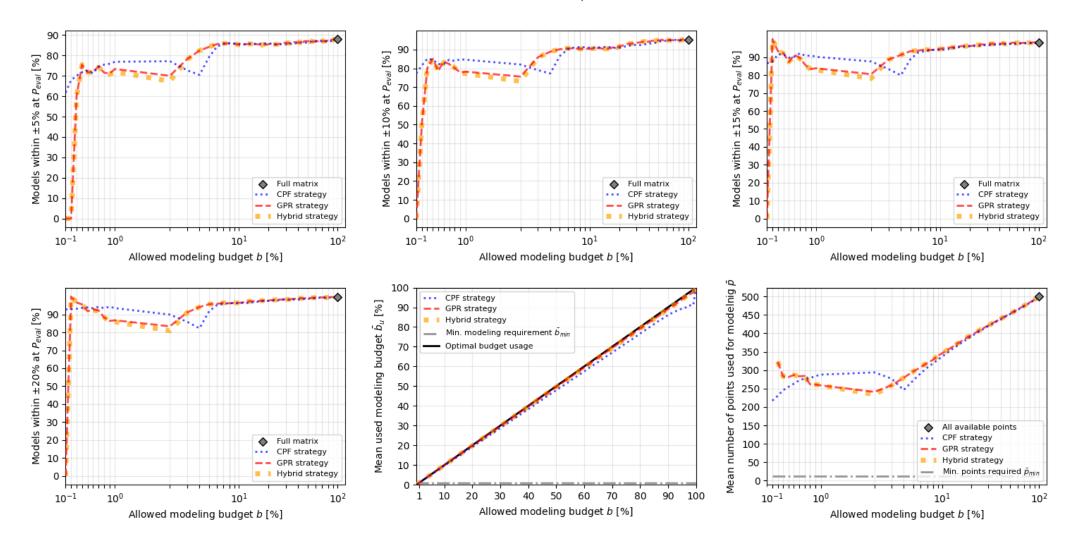
#### Config 1: hybrid switch=40, grid search=3



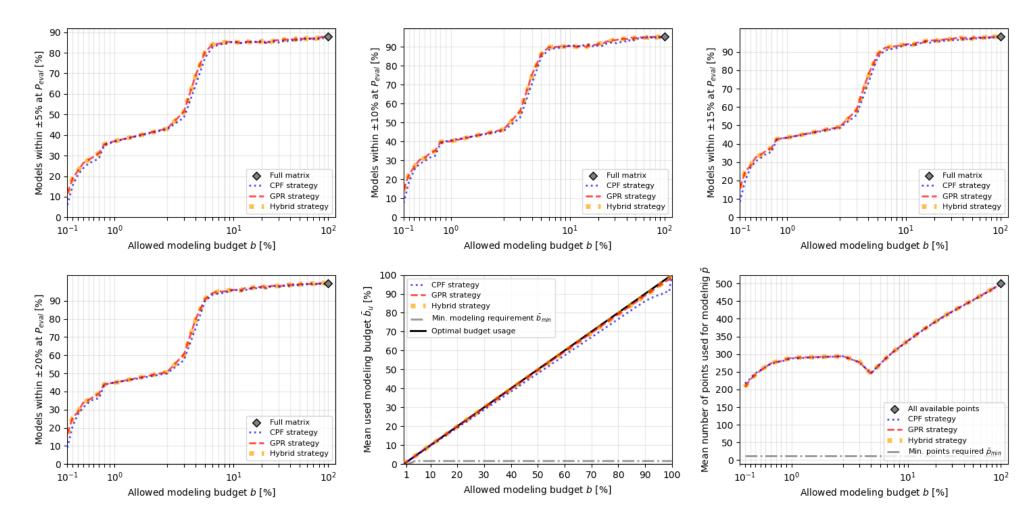
#### Config 2: hybrid\_switch=20, grid search=4



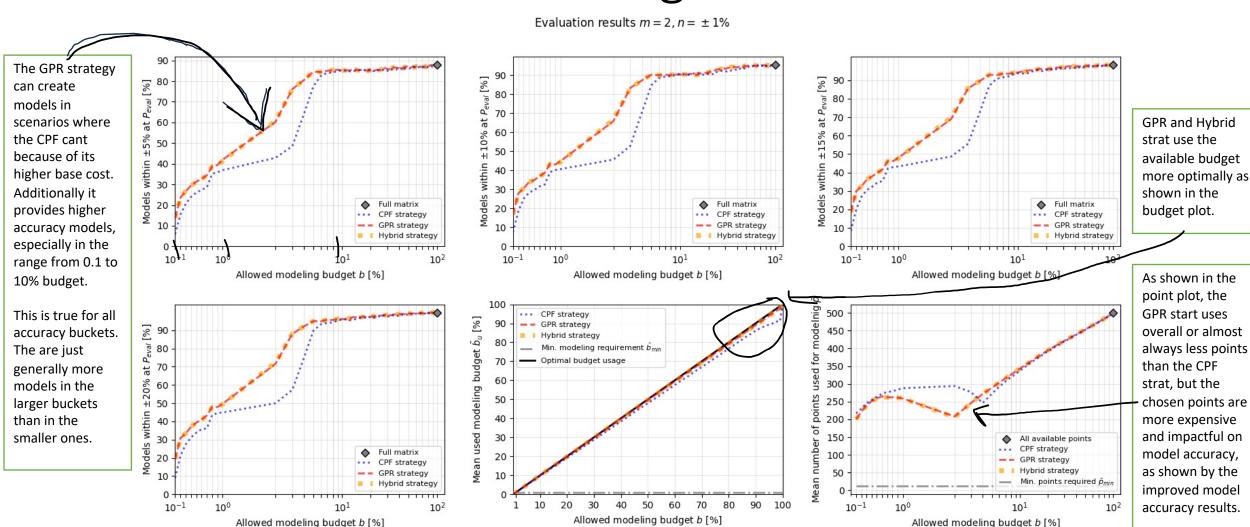
### Config 3: hybrid\_switch=20, grid search=3



### Config 5: hybrid\_switch=20, grid search=4, fixed cost calc. for strategies



## Config 4: hybrid\_switch=20, grid search=3, fixed cost calc. for strategies



#### Conclusion

- Config 4 is the best, now with the fixed cost calculation code we can really see that the GPR, Hybrid strategy perform much better at low budgets than the CFP strat...
- Found same results for other noise levels (2,5,10%) config 4 is the best.