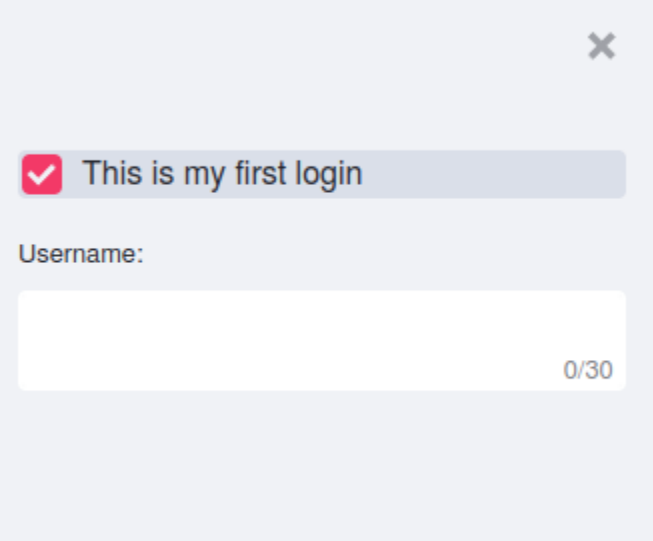
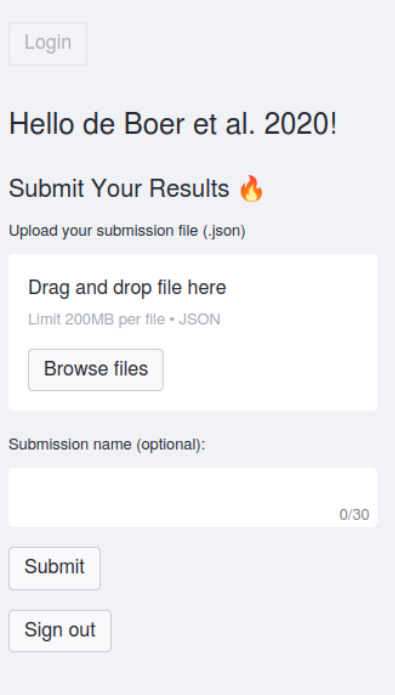
1. Visit [bit.ly/DREAM_2022_Leaderboard](bit.ly/DREAM_2022_Leaderboard)

2. If you are signing up for the first time, click on this is my first login




Choose your team name as the username [use the **exact** name you selected for your team when you signed up unless we contacted you to select otherwise], press enter, type your password, retype the password, and sign up. Do not use any password that you use for any of your accounts (email, social media, etc.).
3. Afterwards, you and the team members will be able to sign in using the username and password.
4. After signing in, you can drag-drop your .json submission files and click submit.



**How to create the .json submission files:**

After making predictions on the test sequences, use the following Python code snippet to create the .json file that you will submit.

```
import json
from collections import OrderedDict

# file available at
#https://github.com/de-Boer-Lab/DREAM-2022/blob/main/sample_submission.json

with open('sample_submission.json', 'r') as f:
    ground = json.load(f)

indices = np.array([int(indice) for indice in list(ground.keys())])

PRED_DATA = OrderedDict()

for i in indices:
#Y_pred is an numpy array of dimension (71103,) that contains your
#predictions on the test sequences
    PRED_DATA[str(i)] = float(Y_pred[i])


def dump_predictions(prediction_dict, prediction_file):
    with open(prediction_file, 'w') as f:
        json.dump(prediction_dict, f)

dump_predictions(PRED_DATA, 'pred.json')
```

Download the sample_submission.json file from here.

**Points to be noted:**

1. Weekly leaderboards:

The leaderboard will be refreshed weekly. We will start with a new leaderboard each week but keep using the same sequences for evaluation. For now, we are allowing 20 submissions per week.

2. Consider the potential for overfitting the leaderboard:

Consider the performance on your own validation set to select the best model. The public leaderboard contains at least 10% of the sequences from different promoter classes (overall ~13%), leaving the remainder for the final model test. Due to measurement noise and stochasticity in sampling, it is possible that the model that performs best on the leaderboard is not the best model on the complete test data.