

Botzone Guide for IJCAI 2023 Mahjong AI Competition

Competition Timeline

Please pay close attention to announcements on our official webpage and group page, or join our WeChat group to get immediate notification.

Website Usage

The screenshot shows the Botzone website interface with several red annotations indicating key steps for users:

- Step 1: Please register and log in** - Points to the 'Login' and 'Sign Up' buttons in the top navigation bar.
- Step 2: Check IJCAI Page** - Points to the 'IJCAI 2023 Mahjong AI Comp(n) / IJCAI 2023 国标麻将AI比赛' link in the 'Announcements' section.
- Step 3: Register in the group for competition** - Points to the 'Go' button in the 'Find user' search bar.
- Step 4: Check wiki** - Points to the 'Wiki' link in the top navigation bar.
- Step 5: Create a new game table** - Points to the '+ Create' button in the 'Game Tables' section.
- Step 6: Watch game replays** - Points to the 'View Full Match List' button above the 'Latest Matches' table.

The interface includes a top navigation bar with 'Botzone 2023', 'GAMES', 'GROUPS', 'DISCUSS', 'ABOUT', and 'Wiki'. A search bar for 'Find user' is also present. The 'Game Tables' section shows a 'Hex' game table with players 'BlackBox' and 'Emotv'. The 'Latest Matches' table lists a match from 2023-3-11 14:40:46, played in Hex, with players 'wasa855' (score 1) and 'xay5421 naiveBot' (score 0). A 'Replay' button is available for this match.

Create time	Game	Players	Replay	
2023-3-11 14:40:46	Hex	wasa855 1 不止会随机下棋 31	xay5421 0 naiveBot 117	

View Competition Main Page

Sample AI can be downloaded here.

Get Started

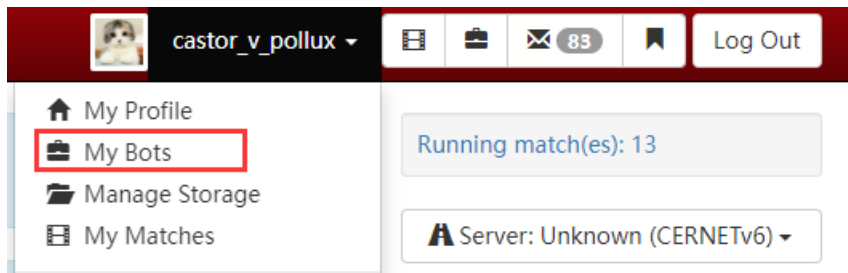
- Click [here](#) to see how to use Botzone to join IJCAI 2023 Mahjong AI Competition.
- Download [sample program](#) and submit to create your first Mahjong bot on Botzone!
- Learn about basic rules of Mahjong and detailed input/output format of bots through our [wiki page](#).
- [Frequently asked questions](#)

Tips to be stronger

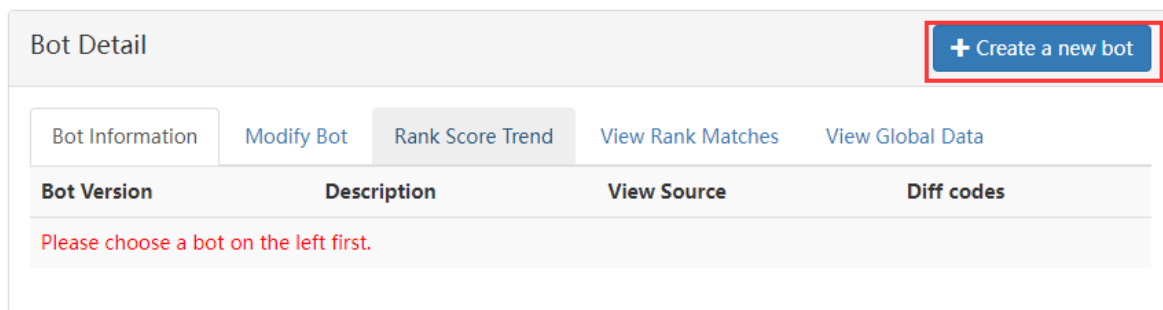
- Learn more about Mahjong Competition Rules (MCR) through [official documentation](#).
- We have released the code of our [judge program](#) for Mahjong and the [FanCalculator library](#) for Mahjong scoring rule.
- We provide [game datasets](#) from strong AIs for participants to use.

To add a bot

Select **My Bot** under user menu on the top right corner of the main website



Click on **Create a new bot**



Bot name

Please keep your bot's name between 3 to 18 characters

Game

Chinese-Standard-Mahjong



Choose the game your bot is written for.

Bot version

0

Select the game for IJCAI Mahjong

Bot description

Please keep your bot's description in 100 characters

Upload source code

Source code

Choose File No file chosen

Accepted language: C/C++, Java, C#, Javascript, python. Please make sure its encoding is UTF-8.

In case you cannot figure out input / output format, please check this game and 'Bot' on wiki.

Maximum size: 4.00 MB.

Please use [User Storage](#) if you'd like to upload data files (e.g. model files).

Enter your code online (Click if cannot submit normally) >>

Select Compiler

Compiler

G++ 7.2.0 (-O2, C++17) [.cpp][.cc]



Select a compiler for your code. Your uploaded code should have correct extension.

You can find the environment and libraries provided for your program at 'Bot' on wiki.

Time Limit

Time limit for each turn using this programming language (except first turn of match - this value will be doubled):

1 Second(s)

Time limit in "Long-live" mode except the first turn:

1 Second(s)

Select Running Mode

Enable Long-live mode / No EOF after input

Check to prevent stdin from closing after sending input to Bot, thus enabling "Long-live" mode.

Never read until EOF if checked, or Bot will wait forever resulting in TLE.

Take care that once modified, all versions of this bot will be affected immediately.

Use Simple IO

Check to use Simple IO, otherwise use JSON IO.

Some games may not support Simple IO.

Take care that once modified, all versions of this bot will be affected immediately.

Open source

Check to allow anyone to view your bot's source code

NOT recommended during competition

Welcome to the management page of your bots! Bots classified in games are on the left, you may update your bot (add a new version) by clicking the '+' button on the bottom right corner of the bot. Press the star button to opt in or out the ranklist. Please take caution that if you opt in or out the ranklist, you will LOSE your present score!

Chinese-Standard-Mahjong ▾

SampleBot
Latest Version: 0
a

☆ Score: 1000.00 + 🗑️

Hex ▾

Manage bots here

Create a New Bot

Successfully created.

Bot name
Please keep your bot's name between 3 to 18 characters

Game
Choose the game your bot is written for.

Bot version

Bot description
Please keep your bot's description in 100 characters

Register for Competition Group

Click Groups menu on the main page

Welcome to the groups page. You will see all groups on Botzone. Click one of them to access its detail page.

Groups [Select the group for IJCAI Competition](#) [+ Apply for a New Group](#)

IJCAI 2023 Mahjong AI Competition Managed Simulation-1 / 模拟赛-1 IJCAI 2023 Chinese Standard Mahjong AI Competition Moderator(s): castor_v_pollux 1	北京大学2023春-人工智能基础 Managed 练习赛 北京大学2023年春季学期课程-人工智能基础 Moderator(s): castor_v_pollux 116
测试用小组2 Managed No contest available 跑实验 Moderator(s): castor_v_pollux ava 2	北京大学2022计算概论A-李戈老师班 Managed No contest available 北京大学2022计算概论A-李戈老师班 比赛用组 Moderator(s): MorroWind castor_v_pollux 103
北京大学2022秋-强化学习课程 Managed No contest available 北京大学2022年秋季课程: 强化学习 Moderator(s): castor_v_pollux wangyongyi 11	北京大学2022计算概论-刘讓哲老师班 Managed No contest available 北京大学2022计算概论-刘讓哲老师班 Moderator(s): wangqipeng castor_v_pollux 117

Group summary

Name
IJCAI 2023 Mahjong AI Competition

Description
IJCAI 2023 Chinese Standard Mahjong AI Competition

Member 1

Moderator(s) [castor_v_pollux](#)

[Fill form to attend](#)

Name	Game	Status	Start Time	Description	Current players	My participant
Simulation-1 / 模拟赛-1	Chinese-Standard-Mahjong	Open	2023-3-12 23:55:00	Simulation contests are sc...	0	Participate

Using team leader's account to submit bot to participate in contests

Only Team Leader fill in the form to register for this competition

Announcements

Homepage of the competition. / 比赛主页.
castor_v_pollux announced at 2023-3-11 14:30:31

IJCAI 2022 Mahjong AI Competition

Only the leader of each team uses his/her account to fill out this form. This account is used to submit bots to the contests. If you fill in the wrong information please contact [castor_v_pollux](#).
此表单只有一次填写机会，所以提交请慎重！如果填写出现错误请联系 [castor_v_pollux](#)

Teamname / 队伍名

Give your team a good name. / 请为自己的队伍起一个响亮的名字吧。

Team Leader / 队长

Real name / 真实姓名

Email / 邮箱

Organization / 所在学校或组织

Phone number / 手机

Number of Members / 队员数目 0 1 2 3

Member 1 / 队员 1

Real name / 真实姓名

Email / 邮箱

Organization / 所在学校或组织

Phone number / 手机

Contact coordinator for correction if registered information is wrong

Do NOT include team lead info in members