

In [8]:

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import random
import datetime
from collections import deque, defaultdict

import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import tensorflow as tf
from tensorflow.keras.models import Sequential
from tensorflow.keras.layers import Dense, Conv2D, Flatten, Dropout
from tensorflow.keras.optimizers import Adam
from lightgbm import LGBMClassifier, plot_importance

class Simulator:
    def __init__(self):

        self.sample_submission = pd.read_csv('module/sample_submission.csv')
        self.max_count = pd.read_csv('module/max_count.csv')
        self.stock = pd.read_csv('module/stock.csv')
        self.order = pd.read_csv('module/order.csv')

        cut = {f'BLK_{i}': 506 if i <= 2 else 400 for i in range(1,5) }

        ratio = {}

        ratio['BLK_1'] = {}
        ratio['BLK_1'][4] = 0.851
        ratio['BLK_1'][5] = 0.851
        ratio['BLK_1'][6] = 0.851

        ratio['BLK_2'] = {}
        ratio['BLK_2'][4] = 0.901
        ratio['BLK_2'][5] = 0.901
        ratio['BLK_2'][6] = 0.901

        ratio['BLK_3'] = {}
        ratio['BLK_3'][4] = 0.710
        ratio['BLK_3'][5] = 0.742
        ratio['BLK_3'][6] = 0.759

        ratio['BLK_4'] = {}
        ratio['BLK_4'][4] = 0.700
        ratio['BLK_4'][5] = 0.732
        ratio['BLK_4'][6] = 0.749

        self.cut = cut
        self.ratio = ratio

        order_dic = { }
        order = self.order

        for time, BLK_1, BLK_2, BLK_3, BLK_4 in zip(order['time'],order['BLK_1'],order['BLK_2'],ord

            order_count_time = str(pd.to_datetime(time) + pd.Timedelta(hours=18))
            order_dic[order_count_time] = {}

            order_dic[order_count_time][1] = BLK_1
            order_dic[order_count_time][2] = BLK_2
            order_dic[order_count_time][3] = BLK_3

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order_dic[order_count_time][4] = BLK_4

self.order_dic = order_dic

def make_init(self):

    PRT_dic = {time : {i : 0 for i in range(1,5)} for time in self.sample_submission['time']}
    MOL_dic = {time : {i : 0 for i in range(1,5)} for time in self.sample_submission['time']}
    BLK_dic = {time : {i : 0 for i in range(1,5)} for time in self.sample_submission['time']}

    ## 4/1일 00:00:00에 기초재고를 추가
    for i in range(1,5):
        PRT_dic['2020-04-01 00:00:00'][i] = int(self.stock[f'PRT_{i}'])
        MOL_dic['2020-04-01 00:00:00'][i] = int(self.stock[f'MOL_{i}'])
        BLK_dic['2020-04-01 00:00:00'][i] = int(self.stock[f'BLK_{i}'])

    self.PRT_dic = PRT_dic
    self.MOL_dic = MOL_dic
    self.BLK_dic = BLK_dic

def cal_prt_mol(self, machine_name):

    df = self.df

    # PRT 개수와 MOL 개수 구하기
    process_list = []
    for time, event, mol in zip(self.sample_submission['time'], df[f'Event_{machine_name}'], df[f'

        # check한 물의 개수만큼 PRT로
        try:
            val = int(event[-1])
        except:
            pass

        if event == 'PROCESS':
            process_list.append((time, mol, val))

    self.PRT_dic[time][val] += -mol

    for p_start, p_end in zip(process_list[:-48], process_list[48:]):

        p_start_time, p_start_mol, p_start_number = p_start
        p_end_time, p_end_mol, p_end_number = p_end

        self.MOL_dic[p_end_time][p_start_number] += p_start_mol * 0.975

def cal_blk(self):

    PRT_dic = self.PRT_dic
    MOL_dic = self.MOL_dic
    BLK_dic = self.BLK_dic
    order_dic = self.order_dic
    ratio = self.ratio
    cut = self.cut

    PRT_stock_dic = {time : {i : 0 for i in range(1,5)} for time in self.sample_submission['time']}
    MOL_stock_dic = {time : {i : 0 for i in range(1,5)} for time in self.sample_submission['time']}
    BLK_stock_dic = {time : {i : 0 for i in range(1,5)} for time in self.sample_submission['time']}

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blk_diffs = []
previous_time = [self.sample_submission['time'][0]] + list(self.sample_submission['time'])

for time, previous in zip(self.sample_submission['time'], previous_time[:-1]):

    month = int(time[6])

    for i in range(1,5):

        if str(time) == '2020-04-01 00:00:00':
            PRT_stock_dic[time][i] = PRT_dic[time][i]
            MOL_stock_dic[time][i] = MOL_dic[time][i]
            BLK_stock_dic[time][i] = BLK_dic[time][i]

        else:
            PRT_stock_dic[time][i] = PRT_stock_dic[previous][i] + PRT_dic[time][i]
            MOL_stock_dic[time][i] = MOL_stock_dic[previous][i] + MOL_dic[time][i]
            BLK_stock_dic[time][i] = BLK_stock_dic[previous][i] + BLK_dic[time][i]

            if int(time[11:13]) == 18:

                val = order_dic[time][i]

                if val > 0:
                    mol_number = i
                    mol = MOL_stock_dic[time][i]
                    MOL_stock_dic[time][i] = 0

                    blk_gen = int(mol*ratio[f'BLK_{i}'][month]*cut[f'BLK_{i}'])
                    blk_stock = BLK_stock_dic[time][i] + blk_gen
                    blk_diff = blk_stock - val

                    BLK_stock_dic[time][i] = blk_diff
                    blk_diffs.append(blk_diff)

self.PRT_stock_dic = PRT_stock_dic
self.MOL_stock_dic = MOL_stock_dic
self.BLK_stock_dic = BLK_stock_dic
self.blk_diffs = blk_diffs

def F(self, x, a): return 1 - x/a if x < a else 0

def cal_change_stop_time(self):

    df = self.df

    change_type = {'A': '', 'B': ''}
    change_num = 0
    change_time = 0
    stop_num = 0
    stop_time = 0
    previous_event = {'A': '', 'B': ''}
    for row in df.iterrows():
        for machine in ['A', 'B']:
            if 'CHANGE' in row[1][f'Event_{machine}']:
                change_time += 1
                if change_type[machine] != row[1][f'Event_{machine}'][-2:]:
                    change_num += 1
                    change_type[machine] = row[1][f'Event_{machine}'][-2:]

            if 'STOP' == row[1][f'Event_{machine}']:

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        stop_time += 1
        if previous_event[machine] != 'STOP':
            stop_num += 1

        previous_event[machine] = row[1][f'Event_{machine}']
    return change_time, change_num, stop_time, stop_num

def cal_score(self):

    p = 0
    q = 0
    for item in self.blk_diffs:
        if item < 0:
            p = p + abs(item)
        if item > 0:
            q = q + abs(item)

    N = sum([sum(self.order[f'BLK_{i}']) for i in range(1,5)])
    M = len(self.df) * 2

    c, c_n, s, s_n = self.cal_change_stop_time()

    self.score = 50*self.F(p, 10*N)+20*self.F(q, 10*N)+W
                20*self.F(c, M)/(1+0.1*c_n) + 10*self.F(s, M)/(1 + 0.1*s_n)

    self.p = p
    self.q = q
    self.N = N
    self.M = M
    self.c = c
    self.c_n = c_n
    self.s = s
    self.s_n = s_n

    return self.score

def make_stock_df(self):

    PRT_I = {i : [] for i in range(1,5)}
    MOL_I = {i : [] for i in range(1,5)}
    BLK_I = {i : [] for i in range(1,5)}

    for time in self.sample_submission['time']:
        for i in range(1,5):
            PRT_I[i].append(self.PRT_stock_dic[time][i])
            MOL_I[i].append(self.MOL_stock_dic[time][i])
            BLK_I[i].append(self.BLK_stock_dic[time][i])

    df_stock = pd.DataFrame(index = self.sample_submission['time'])

    for i in range(1,5):
        df_stock[f'PRT_{i}'] = PRT_I[i]
    for i in range(1,5):
        df_stock[f'MOL_{i}'] = MOL_I[i]
    for i in range(1,5):
        df_stock[f'BLK_{i}'] = BLK_I[i]

    self.df_stock = df_stock

def get_score(self,df):

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self.df = df
self.make_init()
self.cal_prt_mol('A')
self.cal_prt_mol('B')
self.cal_blk()
self.cal_score()
self.make_stock_df()

return self.score, self.df_stock

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submission_ini = pd.read_csv('module/sample_submission.csv')
order_ini = pd.read_csv('module/order.csv')

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order = order_ini.copy()
for i in range(35):
    order.loc[91+i,:] = ['0000-00-00', 0, 0, 0, 0]

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class Env:
    def __init__(self):
        # Event 종류
        self.mask = np.zeros([5], np.bool) # 가능한 이벤트 검사용 마스크
        self.event_map = {0:'CHECK_1', 1:'CHECK_2', 2:'CHECK_3', 3:'CHECK_4', 4:'PROCESS'}
        self.simulator = Simulator()

        self.sample_submission = pd.read_csv('module/sample_submission.csv')
        self.max_count = pd.read_csv('module/max_count.csv')
        self.stock = pd.read_csv('module/stock.csv')
        self.order = pd.read_csv('module/order.csv')

        cut = np.zeros(4) # blk_type

        cut[0] = 506
        cut[1] = 506
        cut[2] = 400
        cut[3] = 400

        ratio = np.zeros((3, 4)) # month, blk_type

        ratio[0][0] = 0.851
        ratio[1][0] = 0.851
        ratio[2][0] = 0.851

        ratio[0][1] = 0.901
        ratio[1][1] = 0.901
        ratio[2][1] = 0.901

        ratio[0][2] = 0.710
        ratio[1][2] = 0.742
        ratio[2][2] = 0.759

        ratio[0][3] = 0.700
        ratio[1][3] = 0.732
        ratio[2][3] = 0.749

        self.cut = cut
        self.ratio = ratio

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self.order = self.order.values[:, 1:]

self.reset()

def done(self):
    return self.s >= self.s_max

def state(self):
    inputs = np.array(order.loc[self.s//24:(self.s//24+30), 'BLK_1':'BLK_4']).reshape(-1)
    inputs = np.append(inputs, self.s%24)
    return inputs

def states(self):
    all_states = np.zeros((self.submission.shape[0] + 1, 125))

    for i in range(self.submission.shape[0] + 1):
        all_states[i][0:124] = np.array(order.loc[i//24:(i//24+30), 'BLK_1':'BLK_4']).reshape(-1)
        all_states[i][124] = i % 24

    return all_states

def reset(self):
    self.mask = np.zeros([5], np.bool)
    self.simulator = Simulator()

    self.submission = submission_ini.copy()
    self.submission.loc[:, 'PRT_1':'PRT_4'] = 0
    self.s = 0
    self.s_max = self.submission.shape[0]

    self.check_time = 28
    self.process = 0
    self.process_mode = 0
    self.process_time = 0
    self.last_score = 30

    self.global_process_time = 0

    self.PRT_stock = np.zeros(4)
    self.MOL_stock = np.zeros(4)
    self.BLK_stock = np.zeros(4)

    for i in range(4):
        self.PRT_stock[i] = int(self.stock[f'PRT_{i + 1}'])
        self.MOL_stock[i] = int(self.stock[f'MOL_{i + 1}'])
        self.BLK_stock[i] = int(self.stock[f'BLK_{i + 1}'])

    self.process_A = np.zeros((self.submission.shape[0], 4))
    self.process_B = np.zeros((self.submission.shape[0], 4))

    self.update_mask()

def step(self, actions):
    day = self.s // 24

    if day <= 30:
        month = 0
    elif day <= 61:

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        month = 1
    else:
        month = 2

    action1, action2 = actions

    out1 = self.event_map[action1]
    out2 = action2 / 2

    if out1 == 'CHECK_1':
        if self.process == 1:
            self.process = 0
            self.check_time = 28
        self.check_time -= 1
        self.process_mode = 0
        if self.check_time == 0:
            self.process = 1
            self.process_time = 0
    elif out1 == 'CHECK_2':
        if self.process == 1:
            self.process = 0
            self.check_time = 28
        self.check_time -= 1
        self.process_mode = 1
        if self.check_time == 0:
            self.process = 1
            self.process_time = 0
    elif out1 == 'CHECK_3':
        if self.process == 1:
            self.process = 0
            self.check_time = 28
        self.check_time -= 1
        self.process_mode = 2
        if self.check_time == 0:
            self.process = 1
            self.process_time = 0
    elif out1 == 'CHECK_4':
        if self.process == 1:
            self.process = 0
            self.check_time = 28
        self.check_time -= 1
        self.process_mode = 3
        if self.check_time == 0:
            self.process = 1
            self.process_time = 0
    elif out1 == 'PROCESS':
        self.process_time += 1
        self.global_process_time += 1
        if self.global_process_time >= 48:
            for i in range(4):
                self.MOL_stock[i] += self.process_A[self.global_process_time - 48][i] * 0.975
                self.MOL_stock[i] += self.process_B[self.global_process_time - 48][i] * 0.975
        if self.process_time == 140:
            self.process = 0
            self.check_time = 28

    self.submission.loc[self.s, 'Event_A'] = out1
    if self.submission.loc[self.s, 'Event_A'] == 'PROCESS' and self.s >= 24*23:
        self.submission.loc[self.s, 'MOL_A'] = out2
        self.process_A[self.global_process_time][self.process_mode] += out2
        self.process_B[self.global_process_time][self.process_mode] += out2

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else:
    self.submission.loc[self.s, 'MOL_A'] = 0

self.submission.loc[self.s, 'Event_B'] = self.submission.loc[self.s, 'Event_A']
self.submission.loc[self.s, 'MOL_B'] = self.submission.loc[self.s, 'MOL_A']

self.update_mask()
self.s += 1

if self.s % 24 == 18:
    blk_diff = 0
    for i in range(4):
        if self.order[day][i] != 0:

            self.BLK_stock[i] += int(self.MOL_stock[i] * self.cut[i] * self.ratio[month][i])
            self.MOL_stock[i] = 0
            self.BLK_stock[i] -= self.order[day][i]

            if self.BLK_stock[i] < 0:
                blk_diff += abs(self.BLK_stock[i]) * 5
            elif self.BLK_stock[i] > 0:
                blk_diff += abs(self.BLK_stock[i]) * 2

        if blk_diff != 0:
            blk_diff -= 500000
        reward = -(blk_diff / 50000000)

        # print(f"{month+4}/{(day % 30)+1}", self.s, self.s_max)
        # print("MOL_STOCK", self.MOL_stock)
        # print("BLK_STOCK", self.BLK_stock)
        # print("blk_diff: ", blk_diff)
        # print(reward)
        # print()

    else:
        reward = 0

    return reward

def get_score(self):
    score, stock = self.simulator.get_score(self.submission)
    return score

def update_mask(self):
    self.mask[:] = False
    if self.process == 0:
        if self.check_time == 28:
            self.mask[:4] = True
        if self.check_time < 28:
            self.mask[self.process_mode] = True
    if self.process == 1:
        self.mask[4] = True
        if self.process_time > 98:
            self.mask[:4] = True

# 모델 변수 설정
input_length = 125
# 입력 데이터 길이

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output_length_1 = 5
output_length_2 = 12

alpha = 0.01
alpha_decay = 0.01
dropout = 0.3

# 모델 생성
model1 = Sequential()
model1.add(Dense(50, input_dim=input_length, activation='relu'))
# model1.add(Dropout(dropout))
model1.add(Dense(50, activation='relu'))
# model1.add(Dropout(dropout))
model1.add(Dense(50, activation='relu'))
# model1.add(Dropout(dropout))
model1.add(Dense(output_length_1, activation='linear'))

model1.compile(loss='mse', optimizer=Adam(lr=alpha, decay=alpha_decay))

model2 = Sequential()
model2.add(Dense(50, input_dim=input_length, activation='relu'))
# model2.add(Dropout(dropout))
model2.add(Dense(50, activation='relu'))
# model2.add(Dropout(dropout))
model2.add(Dense(50, activation='relu'))
# model2.add(Dropout(dropout))
model2.add(Dense(output_length_2, activation='linear'))

model2.compile(loss='mse', optimizer=Adam(lr=alpha, decay=alpha_decay))

# 학습 변수 설정
EPOCHS = 2000
CHECK_EPOCH = 1
THRESHOLD = 90

batch_size = 2000
memory_size = 50000
gamma = 0.98

epsilon = 1

epsilon_min = 0.001
epsilon_decay = 0.95

memory = deque(maxlen=memory_size)

score_history = []

scores = deque(maxlen=CHECK_EPOCH)
avg_scores = []

#%% start train
for e in range(EPOCHS):
    env = Env()
    if e % CHECK_EPOCH == 0:
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print()
print(f'epoch {e} start, epsilon: ', epsilon, ' time: ', datetime.datetime.now())

done = False
i = 0
# before_time = datetime.datetime.now()

states = env.states()
predicts1 = model1.predict(states)
predicts2 = model2.predict(states)

reward_sum = 0
action_dict = defaultdict(int)
out1_dict = defaultdict(int)
mask_dict = defaultdict(int)

while not done:

    # if i % 500 == 0:
    #     print(i, ' STEP! ', datetime.datetime.now())
    #     print('TIME: ', datetime.datetime.now() - before_time)
    #     print('Epsilon: ', epsilon)
    #     before_time = datetime.datetime.now()

    # action 선택
    if np.random.random() <= epsilon:
        out1 = np.random.rand(output_length_1)
    else:
        out1 = predicts1[i]

    if np.random.random() <= epsilon:
        out2 = np.random.rand(output_length_2)
    else:
        out2 = predicts2[i]

    env.update_mask()

    action1 = np.argmax(out1 * env.mask)
    action2 = np.argmax(out2)

    # print(action1)
    action_dict[action1] += 1
    out1_dict[np.argmax(out1)] += 1
    mask_dict[tuple(env.mask)] += 1

    reward = env.step((action1, action2))
    reward_sum += reward

    done = env.done()

    # memory에 저장
    memory.append((states[i][np.newaxis, :], (action1, action2), reward, states[i + 1][np.newaxis, :]))

    i += 1

epsilon = max(epsilon_min, epsilon_decay * epsilon)

score = env.get_score()
s = env.simulator

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print('부족분 점수: ', 50 * s.F(s.p, 10*s.N))
print('추가분 점수: ', 20 * s.F(s.q, 10*s.N))
print('기타 점수: ', 20*s.F(s.c, s.M)/(1+0.1*s.c_n) + 10*s.F(s.s, s.M)/(1 + 0.1*s.s_n))

scores.append(score)

mean_score = np.average(scores)
avg_scores.append(mean_score)

score_history.append([e, score])

# early-stop 확인 / 현재 상태
if mean_score >= THRESHOLD and e >= CHECK_EPOCH:
    print(f'Ran {e + 1} times. Solved after {e-CHECK_EPOCH} trials!')
    break
if e % CHECK_EPOCH == 0:
    print(f'[Episode {e + 1}] - Mean score over last {CHECK_EPOCH} times:{mean_score}')

# replay
x_batch1, y_batch1 = [], []
x_batch2, y_batch2 = [], []

minibatch = random.sample(memory, min(len(memory), batch_size))

state = minibatch[0][0]
states = np.empty((batch_size, state.shape[1]))
next_states = np.empty((batch_size, state.shape[1]))

for i, (state, actions, reward, next_state, done) in enumerate(minibatch):
    states[i] = np.squeeze(state)
    next_states[i] = np.squeeze(next_state)

y_targets1 = model1.predict(states)
y_targets2 = model2.predict(states)

predicts1 = model1.predict(next_states)
predicts2 = model2.predict(next_states)

for i, (state, actions, reward, next_state, done) in enumerate(minibatch):
    action1, action2 = actions

    y_targets1[i][action1] = reward if done else reward + gamma * np.max(predicts1[i])
    x_batch1.append(state[0])
    y_batch1.append(y_targets1[i])

    y_targets2[i][action2] = reward if done else reward + gamma * np.max(predicts2[i])
    x_batch2.append(state[0])
    y_batch2.append(y_targets2[i])

model1.fit(np.array(x_batch1), np.array(y_batch1), batch_size=len(minibatch), verbose=0)
model2.fit(np.array(x_batch2), np.array(y_batch2), batch_size=len(minibatch), verbose=0)

env.reset()

#%% show graph
score_history = np.array(score_history)

plt.plot(score_history[:,0], score_history[:,1], '-o', label='score')

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plt.legend()
plt.xlim(0, EPOCHS)
plt.ylim(bottom=0)
plt.xlabel('Epochs')
plt.ylabel('Score')
plt.show()

env = Env()
done = False

while not env.done():
    state = env.state()[np.newaxis, :]
    # action 선택
    out1 = model1.predict(state)
    out2 = model2.predict(state)

    action1 = np.argmax(out1 * env.mask)
    action2 = np.argmax(out2)

    reward = env.step((action1, action2))

# 재고 계산
simulator = Simulator()
_, df_stock = simulator.get_score(env.submission)

# PRT 개수 계산
PRTs = df_stock[['PRT_1', 'PRT_2', 'PRT_3', 'PRT_4']].values
PRTs = (PRTs[:-1] - PRTs[1:])[24*23:]
PRTs = np.ceil(PRTs * 1.1)
PAD = np.zeros((24*23+1, 4))
PRTs = np.append(PRTs, PAD, axis=0).astype(int)

# Submission 파일에 PRT 입력
env.submission.loc[:, 'PRT_1': 'PRT_4'] = PRTs
env.submission.to_csv('submission_dqn.csv', index=False)

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epoch 0 start, epsilon: 1 time: 2020-06-29 13:59:34.163569
부족분 점수: 39.23417467388696
추가분 점수: 8.768027113287127
기타 점수: 30.0
[Episode 1] - Mean score over last 1 times:78.00220178717409

epoch 1 start, epsilon: 0.95 time: 2020-06-29 13:59:39.939328
부족분 점수: 23.527034487292642
추가분 점수: 1.7451567287224323
기타 점수: 30.0
[Episode 2] - Mean score over last 1 times:55.272191216015074

epoch 2 start, epsilon: 0.9025 time: 2020-06-29 13:59:43.571364
부족분 점수: 30.563222197406336
추가분 점수: 1.3637133062352014
기타 점수: 30.0
[Episode 3] - Mean score over last 1 times:61.92693550364154

epoch 3 start, epsilon: 0.8573749999999999 time: 2020-06-29 13:59:46.958757
부족분 점수: 32.162331958970015
추가분 점수: 1.941396886039466

기타 점수: 30.0

[Episode 4] - Mean score over last 1 times:64.10372884500947

epoch 4 start, epsilon: 0.8145062499999999 time: 2020-06-29 13:59:50.181733

부족분 점수: 33.481035660227406

추가분 점수: 0

기타 점수: 30.0

[Episode 5] - Mean score over last 1 times:63.481035660227406

epoch 5 start, epsilon: 0.7737809374999999 time: 2020-06-29 13:59:53.326497

부족분 점수: 32.410124411574145

추가분 점수: 5.750142162273589

기타 점수: 30.0

[Episode 6] - Mean score over last 1 times:68.16026657384774

epoch 6 start, epsilon: 0.7350918906249998 time: 2020-06-29 13:59:56.527050

부족분 점수: 22.119130295602297

추가분 점수: 9.021094085772926

기타 점수: 30.0

[Episode 7] - Mean score over last 1 times:61.14022438137522

epoch 7 start, epsilon: 0.6983372960937497 time: 2020-06-29 13:59:59.674101

부족분 점수: 30.809556929884742

추가분 점수: 7.643826593669041

기타 점수: 30.0

[Episode 8] - Mean score over last 1 times:68.45338352355378

epoch 8 start, epsilon: 0.6634204312890623 time: 2020-06-29 14:00:02.891614

부족분 점수: 37.57197896336284

추가분 점수: 2.7758425822014376

기타 점수: 30.0

[Episode 9] - Mean score over last 1 times:70.34782154556427

epoch 9 start, epsilon: 0.6302494097246091 time: 2020-06-29 14:00:06.134687

부족분 점수: 19.914370847072107

추가분 점수: 0

기타 점수: 30.0

[Episode 10] - Mean score over last 1 times:49.91437084707211

epoch 10 start, epsilon: 0.5987369392383786 time: 2020-06-29 14:00:09.445246

부족분 점수: 27.43421749921584

추가분 점수: 1.7317868699507821

기타 점수: 30.0

[Episode 11] - Mean score over last 1 times:59.16600436916662

epoch 11 start, epsilon: 0.5688000922764596 time: 2020-06-29 14:00:12.659689

부족분 점수: 39.171116373991076

추가분 점수: 5.895723703512321

기타 점수: 30.0

[Episode 12] - Mean score over last 1 times:75.0668400775034

epoch 12 start, epsilon: 0.5403600876626365 time: 2020-06-29 14:00:15.938849

부족분 점수: 40.21279641717277

추가분 점수: 9.700112101596181

기타 점수: 30.0

[Episode 13] - Mean score over last 1 times:79.91290851876894

epoch 13 start, epsilon: 0.5133420832795047 time: 2020-06-29 14:00:19.199778

부족분 점수: 33.498585135924344

추가분 점수: 7.178793290370784

기타 점수: 30.0

[Episode 14] - Mean score over last 1 times:70.67737842629512

epoch 14 start, epsilon: 0.48767497911552943 time: 2020-06-29 14:00:22.474691

부족분 점수: 35.90167746874657

추가분 점수: 0.781513098129909

기타 점수: 30.0

[Episode 15] - Mean score over last 1 times:66.68319056687648

epoch 15 start, epsilon: 0.46329123015975293 time: 2020-06-29 14:00:25.740548

부족분 점수: 29.044740180204315

추가분 점수: 0

기타 점수: 30.0

[Episode 16] - Mean score over last 1 times:59.044740180204315

epoch 16 start, epsilon: 0.44012666865176525 time: 2020-06-29 14:00:28.994279

부족분 점수: 22.592347107585276

추가분 점수: 0

기타 점수: 30.0

[Episode 17] - Mean score over last 1 times:52.592347107585276

epoch 17 start, epsilon: 0.41812033521917696 time: 2020-06-29 14:00:32.242335

부족분 점수: 21.005556540340137

추가분 점수: 11.057059374522861

기타 점수: 30.0

[Episode 18] - Mean score over last 1 times:62.062615914863

epoch 18 start, epsilon: 0.3972143184582181 time: 2020-06-29 14:00:35.539021

부족분 점수: 37.33906324354863

추가분 점수: 11.29791529125371

기타 점수: 30.0

[Episode 19] - Mean score over last 1 times:78.63697853480234

epoch 19 start, epsilon: 0.37735360253530714 time: 2020-06-29 14:00:38.794474

부족분 점수: 34.018998901103295

추가분 점수: 0

기타 점수: 30.0

[Episode 20] - Mean score over last 1 times:64.01899890110329

epoch 20 start, epsilon: 0.35848592240854177 time: 2020-06-29 14:00:42.063631

부족분 점수: 32.777403832713325

추가분 점수: 11.393044048339167

기타 점수: 30.0

[Episode 21] - Mean score over last 1 times:74.1704478810525

epoch 21 start, epsilon: 0.34056162628811465 time: 2020-06-29 14:00:45.297305

부족분 점수: 31.13669451746699

추가분 점수: 1.9299845810383331

기타 점수: 30.0

[Episode 22] - Mean score over last 1 times:63.06667909850532

epoch 22 start, epsilon: 0.3235335449737089 time: 2020-06-29 14:00:48.653667

부족분 점수: 45.4227250119275

추가분 점수: 0

기타 점수: 30.0

[Episode 23] - Mean score over last 1 times:75.4227250119275

epoch 23 start, epsilon: 0.30735686772502346 time: 2020-06-29 14:00:51.979714

부족분 점수: 35.28316482252526

추가분 점수: 3.556416840983778

기타 점수: 30.0

[Episode 24] - Mean score over last 1 times:68.83958166350904

epoch 24 start, epsilon: 0.2919890243387723 time: 2020-06-29 14:00:55.293361
부족분 점수: 29.799304656747616
추가분 점수: 13.285695019143905
기타 점수: 30.0
[Episode 25] - Mean score over last 1 times:73.08499967589152

epoch 25 start, epsilon: 0.27738957312183365 time: 2020-06-29 14:00:58.612883
부족분 점수: 21.005556540340137
추가분 점수: 11.431261814214878
기타 점수: 30.0
[Episode 26] - Mean score over last 1 times:62.436818354555015

epoch 26 start, epsilon: 0.263520094465742 time: 2020-06-29 14:01:01.906935
부족분 점수: 20.58114339941562
추가분 점수: 15.76704618591907
기타 점수: 30.0
[Episode 27] - Mean score over last 1 times:66.3481895853347

epoch 27 start, epsilon: 0.25034408974245487 time: 2020-06-29 14:01:05.215320
부족분 점수: 18.677738785769826
추가분 점수: 14.59674177279043
기타 점수: 30.0
[Episode 28] - Mean score over last 1 times:63.274480558560256

epoch 28 start, epsilon: 0.2378268852553321 time: 2020-06-29 14:01:08.540162
부족분 점수: 45.67027937536462
추가분 점수: 0
기타 점수: 30.0
[Episode 29] - Mean score over last 1 times:75.67027937536463

epoch 29 start, epsilon: 0.2259355409925655 time: 2020-06-29 14:01:11.865396
부족분 점수: 41.28182599337713
추가분 점수: 2.7056766294438583
기타 점수: 30.0
[Episode 30] - Mean score over last 1 times:73.98750262282098

epoch 30 start, epsilon: 0.2146387639429372 time: 2020-06-29 14:01:15.189018
부족분 점수: 32.77495996261847
추가분 점수: 12.167728441947563
기타 점수: 30.0
[Episode 31] - Mean score over last 1 times:74.94268840456603

epoch 31 start, epsilon: 0.20390682574579033 time: 2020-06-29 14:01:18.483064
부족분 점수: 41.211680316600216
추가분 점수: 0
기타 점수: 30.0
[Episode 32] - Mean score over last 1 times:71.21168031660022

epoch 32 start, epsilon: 0.1937114844585008 time: 2020-06-29 14:01:21.841244
부족분 점수: 21.50478804995141
추가분 점수: 15.06372648562264
기타 점수: 30.0
[Episode 33] - Mean score over last 1 times:66.56851453557405

epoch 33 start, epsilon: 0.18402591023557577 time: 2020-06-29 14:01:25.171963
부족분 점수: 21.065799243828803
추가분 점수: 14.792119893716995
기타 점수: 30.0
[Episode 34] - Mean score over last 1 times:65.85791913754579

epoch 34 start, epsilon: 0.17482461472379698 time: 2020-06-29 14:01:28.459793
부족분 점수: 41.5648080248645
추가분 점수: 0
기타 점수: 30.0
[Episode 35] - Mean score over last 1 times:71.5648080248645

epoch 35 start, epsilon: 0.16608338398760714 time: 2020-06-29 14:01:31.788095
부족분 점수: 35.07898262502062
추가분 점수: 0
기타 점수: 30.0
[Episode 36] - Mean score over last 1 times:65.07898262502061

epoch 36 start, epsilon: 0.15777921478822676 time: 2020-06-29 14:01:35.123912
부족분 점수: 26.79872679129841
추가분 점수: 0
기타 점수: 30.0
[Episode 37] - Mean score over last 1 times:56.79872679129841

epoch 37 start, epsilon: 0.14989025404881542 time: 2020-06-29 14:01:38.470611
부족분 점수: 31.676587048625183
추가분 점수: 0
기타 점수: 30.0
[Episode 38] - Mean score over last 1 times:61.67658704862518

epoch 38 start, epsilon: 0.14239574134637464 time: 2020-06-29 14:01:41.829806
부족분 점수: 31.898762642918783
추가분 점수: 0
기타 점수: 30.0
[Episode 39] - Mean score over last 1 times:61.89876264291878

epoch 39 start, epsilon: 0.1352759542790559 time: 2020-06-29 14:01:45.154950
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 40] - Mean score over last 1 times:54.54576580689341

epoch 40 start, epsilon: 0.1285121565651031 time: 2020-06-29 14:01:48.525756
부족분 점수: 23.07113059789873
추가분 점수: 9.030707358306993
기타 점수: 30.0
[Episode 41] - Mean score over last 1 times:62.10183795620572

epoch 41 start, epsilon: 0.12208654873684793 time: 2020-06-29 14:01:51.867537
부족분 점수: 15.666737222983256
추가분 점수: 14.30896846562745
기타 점수: 30.0
[Episode 42] - Mean score over last 1 times:59.9757056886107

epoch 42 start, epsilon: 0.11598222130000553 time: 2020-06-29 14:01:55.218361
부족분 점수: 14.684952733924145
추가분 점수: 14.540295285865215
기타 점수: 30.0
[Episode 43] - Mean score over last 1 times:59.22524801978936

epoch 43 start, epsilon: 0.11018311023500525 time: 2020-06-29 14:01:58.605382
부족분 점수: 10.498142443679626
추가분 점수: 13.902674063917878
기타 점수: 30.0
[Episode 44] - Mean score over last 1 times:54.400816507597504

epoch 44 start, epsilon: 0.10467395472325498 time: 2020-06-29 14:02:01.961190
부족분 점수: 16.292114517509997
추가분 점수: 12.502524820411644
기타 점수: 30.0
[Episode 45] - Mean score over last 1 times:58.79463933792164

epoch 45 start, epsilon: 0.09944025698709223 time: 2020-06-29 14:02:05.310385
부족분 점수: 20.0698599697765
추가분 점수: 0
기타 점수: 30.0
[Episode 46] - Mean score over last 1 times:50.0698599697765

epoch 46 start, epsilon: 0.09446824413773762 time: 2020-06-29 14:02:08.784311
부족분 점수: 22.248173088059502
추가분 점수: 0
기타 점수: 30.0
[Episode 47] - Mean score over last 1 times:52.2481730880595

epoch 47 start, epsilon: 0.08974483193085074 time: 2020-06-29 14:02:12.144829
부족분 점수: 30.385079274476258
추가분 점수: 5.999021837538399
기타 점수: 30.0
[Episode 48] - Mean score over last 1 times:66.38410111201466

epoch 48 start, epsilon: 0.0852575903343082 time: 2020-06-29 14:02:15.508154
부족분 점수: 20.783192010772076
추가분 점수: 2.0047421217830697
기타 점수: 30.0
[Episode 49] - Mean score over last 1 times:52.78793413255515

epoch 49 start, epsilon: 0.08099471081759278 time: 2020-06-29 14:02:18.860251
부족분 점수: 19.536916570176547
추가분 점수: 8.179881127455122
기타 점수: 30.0
[Episode 50] - Mean score over last 1 times:57.71679769763167

epoch 50 start, epsilon: 0.07694497527671314 time: 2020-06-29 14:02:22.229833
부족분 점수: 19.4728383270104
추가분 점수: 8.393839419762877
기타 점수: 30.0
[Episode 51] - Mean score over last 1 times:57.86667774677328

epoch 51 start, epsilon: 0.07309772651287748 time: 2020-06-29 14:02:25.571092
부족분 점수: 15.314520397790165
추가분 점수: 9.368632382031425
기타 점수: 30.0
[Episode 52] - Mean score over last 1 times:54.68315277982159

epoch 52 start, epsilon: 0.0694428401872336 time: 2020-06-29 14:02:28.915411
부족분 점수: 36.31351489347583
추가분 점수: 9.234280661967759
기타 점수: 30.0
[Episode 53] - Mean score over last 1 times:75.5477955554436

epoch 53 start, epsilon: 0.0659706981778719 time: 2020-06-29 14:02:32.246435
부족분 점수: 17.5647041872665
추가분 점수: 10.085513026856765
기타 점수: 30.0
[Episode 54] - Mean score over last 1 times:57.650217214123266

epoch 54 start, epsilon: 0.0626721632689783 time: 2020-06-29 14:02:35.631057

부족분 점수: 25.68253098308092

추가분 점수: 7.2408617537555875

기타 점수: 30.0

[Episode 55] - Mean score over last 1 times:62.923392736836504

epoch 55 start, epsilon: 0.059538555105529384 time: 2020-06-29 14:02:38.990019

부족분 점수: 23.027070277470653

추가분 점수: 7.069989920379911

기타 점수: 30.0

[Episode 56] - Mean score over last 1 times:60.09706019785057

epoch 56 start, epsilon: 0.05656162735025291 time: 2020-06-29 14:02:42.339864

부족분 점수: 19.72380888597925

추가분 점수: 12.523944243510844

기타 점수: 30.0

[Episode 57] - Mean score over last 1 times:62.24775312949009

epoch 57 start, epsilon: 0.053733545982740265 time: 2020-06-29 14:02:45.710315

부족분 점수: 15.881492115562029

추가분 점수: 11.874389070877761

기타 점수: 30.0

[Episode 58] - Mean score over last 1 times:57.755881186439794

epoch 58 start, epsilon: 0.05104686868360325 time: 2020-06-29 14:02:49.067256

부족분 점수: 20.664665079200745

추가분 점수: 12.07655964533009

기타 점수: 30.0

[Episode 59] - Mean score over last 1 times:62.74122472453084

epoch 59 start, epsilon: 0.04849452524942309 time: 2020-06-29 14:02:52.444906

부족분 점수: 28.242777526717443

추가분 점수: 10.19981118761027

기타 점수: 30.0

[Episode 60] - Mean score over last 1 times:68.44258871432771

epoch 60 start, epsilon: 0.04606979898695193 time: 2020-06-29 14:02:55.819415

부족분 점수: 34.27255311154892

추가분 점수: 8.798979319421347

기타 점수: 30.0

[Episode 61] - Mean score over last 1 times:73.07153243097028

epoch 61 start, epsilon: 0.04376630903760433 time: 2020-06-29 14:02:59.189523

부족분 점수: 30.06223497219579

추가분 점수: 9.849200158644189

기타 점수: 30.0

[Episode 62] - Mean score over last 1 times:69.91143513083998

epoch 62 start, epsilon: 0.041577993585724116 time: 2020-06-29 14:03:02.539994

부족분 점수: 29.378825363285664

추가분 점수: 9.578063600835984

기타 점수: 30.0

[Episode 63] - Mean score over last 1 times:68.95688896412165

epoch 63 start, epsilon: 0.03949909390643791 time: 2020-06-29 14:03:05.919764

부족분 점수: 27.436867201235728

추가분 점수: 11.74313711816258

기타 점수: 30.0

[Episode 64] - Mean score over last 1 times:69.18000431939831

epoch 64 start, epsilon: 0.03752413921111601 time: 2020-06-29 14:03:09.297025

부족분 점수: 27.22285576128166

추가분 점수: 12.105081191478067

기타 점수: 30.0

[Episode 65] - Mean score over last 1 times:69.32793695275973

epoch 65 start, epsilon: 0.03564793225056021 time: 2020-06-29 14:03:12.695203

부족분 점수: 27.120102621039155

추가분 점수: 11.164228377586687

기타 점수: 30.0

[Episode 66] - Mean score over last 1 times:68.28433099862585

epoch 66 start, epsilon: 0.0338655356380322 time: 2020-06-29 14:03:16.080906

부족분 점수: 29.075370735554205

추가분 점수: 9.453905169238388

기타 점수: 30.0

[Episode 67] - Mean score over last 1 times:68.5292759047926

epoch 67 start, epsilon: 0.032172258856130585 time: 2020-06-29 14:03:19.479669

부족분 점수: 33.85729641916965

추가분 점수: 9.577943173799255

기타 점수: 30.0

[Episode 68] - Mean score over last 1 times:73.43523959296891

epoch 68 start, epsilon: 0.030563645913324056 time: 2020-06-29 14:03:22.863240

부족분 점수: 31.49764383888214

추가분 점수: 0.7248828985313116

기타 점수: 30.0

[Episode 69] - Mean score over last 1 times:62.22252673741345

epoch 69 start, epsilon: 0.029035463617657853 time: 2020-06-29 14:03:26.223380

부족분 점수: 26.333393034831985

추가분 점수: 2.0136598667376537

기타 점수: 30.0

[Episode 70] - Mean score over last 1 times:58.34705290156964

epoch 70 start, epsilon: 0.027583690436774957 time: 2020-06-29 14:03:29.602818

부족분 점수: 26.299518322574265

추가분 점수: 2.1046941045742917

기타 점수: 30.0

[Episode 71] - Mean score over last 1 times:58.40421242714856

epoch 71 start, epsilon: 0.02620450591493621 time: 2020-06-29 14:03:33.070619

부족분 점수: 27.311884213090725

추가분 점수: 0

기타 점수: 30.0

[Episode 72] - Mean score over last 1 times:57.31188421309072

epoch 72 start, epsilon: 0.0248942806191894 time: 2020-06-29 14:03:36.440949

부족분 점수: 33.10413282856381

추가분 점수: 1.470707198556842

기타 점수: 30.0

[Episode 73] - Mean score over last 1 times:64.57484002712066

epoch 73 start, epsilon: 0.023649566588229927 time: 2020-06-29 14:03:39.880557

부족분 점수: 26.678633079402275

추가분 점수: 1.66207620512288

기타 점수: 30.0

[Episode 74] - Mean score over last 1 times:58.340709284525154

epoch 74 start, epsilon: 0.022467088258818428 time: 2020-06-29 14:03:43.301039

부족분 점수: 33.93147578725335

추가분 점수: 3.1605516664244804

기타 점수: 30.0

[Episode 75] - Mean score over last 1 times:67.09202745367783

epoch 75 start, epsilon: 0.021343733845877507 time: 2020-06-29 14:03:46.710373

부족분 점수: 37.73865366873901

추가분 점수: 2.5811919388845084

기타 점수: 30.0

[Episode 76] - Mean score over last 1 times:70.31984560762352

epoch 76 start, epsilon: 0.02027654715358363 time: 2020-06-29 14:03:50.540168

부족분 점수: 41.639205513346354

추가분 점수: 3.8362266031311654

기타 점수: 30.0

[Episode 77] - Mean score over last 1 times:75.47543211647752

epoch 77 start, epsilon: 0.019262719795904448 time: 2020-06-29 14:03:53.983630

부족분 점수: 39.53284601345035

추가분 점수: 0.8277687542836842

기타 점수: 30.0

[Episode 78] - Mean score over last 1 times:70.36061476773403

epoch 78 start, epsilon: 0.018299583806109226 time: 2020-06-29 14:03:57.338607

부족분 점수: 39.680747003993446

추가분 점수: 0

기타 점수: 30.0

[Episode 79] - Mean score over last 1 times:69.68074700399345

epoch 79 start, epsilon: 0.017384604615803764 time: 2020-06-29 14:04:00.753754

부족분 점수: 45.503151532541565

추가분 점수: 0

기타 점수: 30.0

[Episode 80] - Mean score over last 1 times:75.50315153254157

epoch 80 start, epsilon: 0.016515374385013576 time: 2020-06-29 14:04:04.149368

부족분 점수: 48.68663564032008

추가분 점수: 0

기타 점수: 30.0

[Episode 81] - Mean score over last 1 times:78.68663564032008

epoch 81 start, epsilon: 0.015689605665762895 time: 2020-06-29 14:04:07.673216

부족분 점수: 47.151515030492305

추가분 점수: 0

기타 점수: 30.0

[Episode 82] - Mean score over last 1 times:77.1515150304923

epoch 82 start, epsilon: 0.01490512538247475 time: 2020-06-29 14:04:11.163749

부족분 점수: 26.765910423789503

추가분 점수: 0

기타 점수: 30.0

[Episode 83] - Mean score over last 1 times:56.76591042378951

epoch 83 start, epsilon: 0.014159869113351011 time: 2020-06-29 14:04:14.587162

부족분 점수: 26.00622626212603

추가분 점수: 1.7568393801325488

기타 점수: 30.0

[Episode 84] - Mean score over last 1 times:57.76306564225858

epoch 84 start, epsilon: 0.01345187565768346 time: 2020-06-29 14:04:17.989571

부족분 점수: 38.64669042233332

추가분 점수: 0

기타 점수: 30.0

[Episode 85] - Mean score over last 1 times:68.64669042233332

epoch 85 start, epsilon: 0.012779281874799287 time: 2020-06-29 14:04:21.926585

부족분 점수: 37.04430731873811

추가분 점수: 0

기타 점수: 30.0

[Episode 86] - Mean score over last 1 times:67.0443073187381

epoch 86 start, epsilon: 0.012140317781059323 time: 2020-06-29 14:04:25.566360

부족분 점수: 37.37381043739899

추가분 점수: 0

기타 점수: 30.0

[Episode 87] - Mean score over last 1 times:67.37381043739899

epoch 87 start, epsilon: 0.011533301892006355 time: 2020-06-29 14:04:28.953257

부족분 점수: 28.876388098245116

추가분 점수: 0

기타 점수: 30.0

[Episode 88] - Mean score over last 1 times:58.876388098245116

epoch 88 start, epsilon: 0.010956636797406038 time: 2020-06-29 14:04:32.323887

부족분 점수: 20.64081776102176

추가분 점수: 0

기타 점수: 30.0

[Episode 89] - Mean score over last 1 times:50.640817761021765

epoch 89 start, epsilon: 0.010408804957535735 time: 2020-06-29 14:04:35.666368

부족분 점수: 39.90736027314818

추가분 점수: 0

기타 점수: 30.0

[Episode 90] - Mean score over last 1 times:69.90736027314819

epoch 90 start, epsilon: 0.009888364709658948 time: 2020-06-29 14:04:39.061431

부족분 점수: 19.668263451346707

추가분 점수: 0

기타 점수: 30.0

[Episode 91] - Mean score over last 1 times:49.668263451346704

epoch 91 start, epsilon: 0.009393946474176 time: 2020-06-29 14:04:42.476456

부족분 점수: 19.400150472353545

추가분 점수: 0

기타 점수: 30.0

[Episode 92] - Mean score over last 1 times:49.400150472353545

epoch 92 start, epsilon: 0.0089242491504672 time: 2020-06-29 14:04:45.865835

부족분 점수: 41.37475142722935

추가분 점수: 0

기타 점수: 30.0

[Episode 93] - Mean score over last 1 times:71.37475142722934

epoch 93 start, epsilon: 0.008478036692943839 time: 2020-06-29 14:04:49.264343

부족분 점수: 36.45144532412845

추가분 점수: 0

기타 점수: 30.0

[Episode 94] - Mean score over last 1 times:66.45144532412846

epoch 94 start, epsilon: 0.008054134858296647 time: 2020-06-29 14:04:52.669646

부족분 점수: 40.58485298224346

추가분 점수: 0

기타 점수: 30.0

[Episode 95] - Mean score over last 1 times:70.58485298224346

epoch 95 start, epsilon: 0.0076514281153818135 time: 2020-06-29 14:04:56.028705
부족분 점수: 39.62768537699346
추가분 점수: 0
기타 점수: 30.0
[Episode 96] - Mean score over last 1 times:69.62768537699347

epoch 96 start, epsilon: 0.0072688567096127225 time: 2020-06-29 14:04:59.391801
부족분 점수: 21.255368910715948
추가분 점수: 0
기타 점수: 30.0
[Episode 97] - Mean score over last 1 times:51.255368910715944

epoch 97 start, epsilon: 0.006905413874132086 time: 2020-06-29 14:05:02.755367
부족분 점수: 38.0206003963647
추가분 점수: 0
기타 점수: 30.0
[Episode 98] - Mean score over last 1 times:68.0206003963647

epoch 98 start, epsilon: 0.006560143180425482 time: 2020-06-29 14:05:06.055966
부족분 점수: 36.25092969979568
추가분 점수: 0
기타 점수: 30.0
[Episode 99] - Mean score over last 1 times:66.25092969979568

epoch 99 start, epsilon: 0.0062321360214042075 time: 2020-06-29 14:05:09.453005
부족분 점수: 26.429660933377118
추가분 점수: 0
기타 점수: 30.0
[Episode 100] - Mean score over last 1 times:56.42966093337712

epoch 100 start, epsilon: 0.005920529220333997 time: 2020-06-29 14:05:12.791207
부족분 점수: 31.702546448124362
추가분 점수: 0
기타 점수: 30.0
[Episode 101] - Mean score over last 1 times:61.702546448124366

epoch 101 start, epsilon: 0.0056245027593172965 time: 2020-06-29 14:05:16.194548
부족분 점수: 31.392893821755084
추가분 점수: 0
기타 점수: 30.0
[Episode 102] - Mean score over last 1 times:61.39289382175508

epoch 102 start, epsilon: 0.005343277621351432 time: 2020-06-29 14:05:19.621667
부족분 점수: 24.194980588820624
추가분 점수: 0
기타 점수: 30.0
[Episode 103] - Mean score over last 1 times:54.19498058882063

epoch 103 start, epsilon: 0.0050761137402838595 time: 2020-06-29 14:05:22.996815
부족분 점수: 34.20769301427951
추가분 점수: 0
기타 점수: 30.0
[Episode 104] - Mean score over last 1 times:64.20769301427951

epoch 104 start, epsilon: 0.004822308053269666 time: 2020-06-29 14:05:26.374148
부족분 점수: 24.86390976819946
추가분 점수: 0
기타 점수: 30.0
[Episode 105] - Mean score over last 1 times:54.86390976819946

epoch 105 start, epsilon: 0.004581192650606183 time: 2020-06-29 14:05:29.817731
부족분 점수: 27.238726324336426
추가분 점수: 0
기타 점수: 30.0
[Episode 106] - Mean score over last 1 times:57.238726324336426

epoch 106 start, epsilon: 0.0043521330180758735 time: 2020-06-29 14:05:33.190303
부족분 점수: 27.52747318578359
추가분 점수: 0
기타 점수: 30.0
[Episode 107] - Mean score over last 1 times:57.52747318578359

epoch 107 start, epsilon: 0.0041345263671720795 time: 2020-06-29 14:05:36.555367
부족분 점수: 27.55370293169176
추가분 점수: 0
기타 점수: 30.0
[Episode 108] - Mean score over last 1 times:57.55370293169176

epoch 108 start, epsilon: 0.003927800048813475 time: 2020-06-29 14:05:39.894243
부족분 점수: 27.74791456930591
추가분 점수: 0
기타 점수: 30.0
[Episode 109] - Mean score over last 1 times:57.747914569305905

epoch 109 start, epsilon: 0.0037314100463728015 time: 2020-06-29 14:05:43.287809
부족분 점수: 27.622879355150086
추가분 점수: 0
기타 점수: 30.0
[Episode 110] - Mean score over last 1 times:57.62287935515009

epoch 110 start, epsilon: 0.0035448395440541612 time: 2020-06-29 14:05:46.663598
부족분 점수: 27.55376898223486
추가분 점수: 0
기타 점수: 30.0
[Episode 111] - Mean score over last 1 times:57.55376898223486

epoch 111 start, epsilon: 0.003367597566851453 time: 2020-06-29 14:05:50.074929
부족분 점수: 26.82853555500735
추가분 점수: 0
기타 점수: 30.0
[Episode 112] - Mean score over last 1 times:56.82853555500735

epoch 112 start, epsilon: 0.00319921768850888 time: 2020-06-29 14:05:53.454799
부족분 점수: 26.630746435651563
추가분 점수: 0
기타 점수: 30.0
[Episode 113] - Mean score over last 1 times:56.63074643565156

epoch 113 start, epsilon: 0.003039256804083436 time: 2020-06-29 14:05:56.783498
부족분 점수: 26.47842620295704
추가분 점수: 0
기타 점수: 30.0
[Episode 114] - Mean score over last 1 times:56.47842620295704

epoch 114 start, epsilon: 0.0028872939638792637 time: 2020-06-29 14:06:00.183725
부족분 점수: 27.117912200702715
추가분 점수: 0
기타 점수: 30.0
[Episode 115] - Mean score over last 1 times:57.11791220070272

epoch 115 start, epsilon: 0.0027429292656853004 time: 2020-06-29 14:06:03.572008
부족분 점수: 25.786798677637407
추가분 점수: 4.065294802006585
기타 점수: 30.0
[Episode 116] - Mean score over last 1 times:59.85209347964399

epoch 116 start, epsilon: 0.0026057828024010354 time: 2020-06-29 14:06:07.048213
부족분 점수: 23.803483659249242
추가분 점수: 8.673042131337358
기타 점수: 30.0
[Episode 117] - Mean score over last 1 times:62.4765257905866

epoch 117 start, epsilon: 0.0024754936622809836 time: 2020-06-29 14:06:10.452400
부족분 점수: 22.868287843965884
추가분 점수: 9.739368243451857
기타 점수: 30.0
[Episode 118] - Mean score over last 1 times:62.60765608741774

epoch 118 start, epsilon: 0.002351718979166934 time: 2020-06-29 14:06:13.827695
부족분 점수: 25.667362399054035
추가분 점수: 9.436497318194343
기타 점수: 30.0
[Episode 119] - Mean score over last 1 times:65.10385971724838

epoch 119 start, epsilon: 0.0022341330302085875 time: 2020-06-29 14:06:17.221135
부족분 점수: 21.359168107234133
추가분 점수: 5.8397662978179055
기타 점수: 30.0
[Episode 120] - Mean score over last 1 times:57.19893440505204

epoch 120 start, epsilon: 0.002122426378698158 time: 2020-06-29 14:06:20.608252
부족분 점수: 23.044627433463294
추가분 점수: 4.384757009268274
기타 점수: 30.0
[Episode 121] - Mean score over last 1 times:57.42938444273157

epoch 121 start, epsilon: 0.0020163050597632503 time: 2020-06-29 14:06:23.984425
부족분 점수: 23.02668626268516
추가분 점수: 2.37759958809038
기타 점수: 30.0
[Episode 122] - Mean score over last 1 times:55.40428585077554

epoch 122 start, epsilon: 0.0019154898067750877 time: 2020-06-29 14:06:27.348377
부족분 점수: 23.54867295242548
추가분 점수: 1.6954854914605866
기타 점수: 30.0
[Episode 123] - Mean score over last 1 times:55.244158443886064

epoch 123 start, epsilon: 0.0018197153164363333 time: 2020-06-29 14:06:30.735884
부족분 점수: 24.63620589705393
추가분 점수: 0
기타 점수: 30.0
[Episode 124] - Mean score over last 1 times:54.63620589705393

epoch 124 start, epsilon: 0.0017287295506145165 time: 2020-06-29 14:06:34.122725
부족분 점수: 24.40113969444097
추가분 점수: 0
기타 점수: 30.0
[Episode 125] - Mean score over last 1 times:54.40113969444097

epoch 125 start, epsilon: 0.0016422930730837905 time: 2020-06-29 14:06:37.538368
부족분 점수: 24.858714816181337
추가분 점수: 0
기타 점수: 30.0
[Episode 126] - Mean score over last 1 times:54.85871481618133

epoch 126 start, epsilon: 0.0015601784194296008 time: 2020-06-29 14:06:40.914313
부족분 점수: 24.933602307529483
추가분 점수: 0
기타 점수: 30.0
[Episode 127] - Mean score over last 1 times:54.93360230752948

epoch 127 start, epsilon: 0.0014821694984581207 time: 2020-06-29 14:06:44.329834
부족분 점수: 24.933147634023463
추가분 점수: 0
기타 점수: 30.0
[Episode 128] - Mean score over last 1 times:54.93314763402346

epoch 128 start, epsilon: 0.0014080610235352145 time: 2020-06-29 14:06:47.729768
부족분 점수: 24.933147634023463
추가분 점수: 0
기타 점수: 30.0
[Episode 129] - Mean score over last 1 times:54.93314763402346

epoch 129 start, epsilon: 0.0013376579723584536 time: 2020-06-29 14:06:51.119852
부족분 점수: 25.88524931622327
추가분 점수: 0
기타 점수: 30.0
[Episode 130] - Mean score over last 1 times:55.885249316223266

epoch 130 start, epsilon: 0.0012707750737405309 time: 2020-06-29 14:06:54.521361
부족분 점수: 26.159428192768054
추가분 점수: 0
기타 점수: 30.0
[Episode 131] - Mean score over last 1 times:56.159428192768054

epoch 131 start, epsilon: 0.0012072363200535043 time: 2020-06-29 14:06:57.951001
부족분 점수: 35.29432890036905
추가분 점수: 0
기타 점수: 30.0
[Episode 132] - Mean score over last 1 times:65.29432890036905

epoch 132 start, epsilon: 0.001146874504050829 time: 2020-06-29 14:07:01.345636
부족분 점수: 35.33498224162026
추가분 점수: 0
기타 점수: 30.0
[Episode 133] - Mean score over last 1 times:65.33498224162025

epoch 133 start, epsilon: 0.0010895307788482875 time: 2020-06-29 14:07:04.772730
부족분 점수: 35.30815650476501
추가분 점수: 0
기타 점수: 30.0
[Episode 134] - Mean score over last 1 times:65.30815650476501

epoch 134 start, epsilon: 0.001035054239905873 time: 2020-06-29 14:07:08.181025
부족분 점수: 35.37726994979852
추가분 점수: 0
기타 점수: 30.0
[Episode 135] - Mean score over last 1 times:65.37726994979852

epoch 135 start, epsilon: 0.001 time: 2020-06-29 14:07:11.601989

부족분 점수: 35.192669434235626

추가분 점수: 0

기타 점수: 30.0

[Episode 136] - Mean score over last 1 times:65.19266943423563

epoch 136 start, epsilon: 0.001 time: 2020-06-29 14:07:15.015295

부족분 점수: 35.192669434235626

추가분 점수: 0

기타 점수: 30.0

[Episode 137] - Mean score over last 1 times:65.19266943423563

epoch 137 start, epsilon: 0.001 time: 2020-06-29 14:07:18.430194

부족분 점수: 38.104877817247676

추가분 점수: 0

기타 점수: 30.0

[Episode 138] - Mean score over last 1 times:68.10487781724768

epoch 138 start, epsilon: 0.001 time: 2020-06-29 14:07:21.814399

부족분 점수: 38.0193961259974

추가분 점수: 0

기타 점수: 30.0

[Episode 139] - Mean score over last 1 times:68.0193961259974

epoch 139 start, epsilon: 0.001 time: 2020-06-29 14:07:25.201725

부족분 점수: 38.03576437221417

추가분 점수: 0

기타 점수: 30.0

[Episode 140] - Mean score over last 1 times:68.03576437221417

epoch 140 start, epsilon: 0.001 time: 2020-06-29 14:07:28.617735

부족분 점수: 35.09445995693504

추가분 점수: 0

기타 점수: 30.0

[Episode 141] - Mean score over last 1 times:65.09445995693504

epoch 141 start, epsilon: 0.001 time: 2020-06-29 14:07:32.005029

부족분 점수: 37.9807488779856

추가분 점수: 0

기타 점수: 30.0

[Episode 142] - Mean score over last 1 times:67.9807488779856

epoch 142 start, epsilon: 0.001 time: 2020-06-29 14:07:35.428845

부족분 점수: 37.63154733688818

추가분 점수: 0

기타 점수: 30.0

[Episode 143] - Mean score over last 1 times:67.63154733688819

epoch 143 start, epsilon: 0.001 time: 2020-06-29 14:07:38.844376

부족분 점수: 37.15752409385567

추가분 점수: 0

기타 점수: 30.0

[Episode 144] - Mean score over last 1 times:67.15752409385567

epoch 144 start, epsilon: 0.001 time: 2020-06-29 14:07:42.239129

부족분 점수: 37.149339970747285

추가분 점수: 0

기타 점수: 30.0

[Episode 145] - Mean score over last 1 times:67.14933997074729

epoch 145 start, epsilon: 0.001 time: 2020-06-29 14:07:45.612825

부족분 점수: 37.149339970747285

추가분 점수: 0
기타 점수: 30.0
[Episode 146] - Mean score over last 1 times:67.14933997074729

epoch 146 start, epsilon: 0.001 time: 2020-06-29 14:07:49.005908
부족분 점수: 36.454832334536476
추가분 점수: 0
기타 점수: 30.0
[Episode 147] - Mean score over last 1 times:66.45483233453648

epoch 147 start, epsilon: 0.001 time: 2020-06-29 14:07:52.432516
부족분 점수: 36.454832334536476
추가분 점수: 0
기타 점수: 30.0
[Episode 148] - Mean score over last 1 times:66.45483233453648

epoch 148 start, epsilon: 0.001 time: 2020-06-29 14:07:55.886287
부족분 점수: 36.454832334536476
추가분 점수: 0
기타 점수: 30.0
[Episode 149] - Mean score over last 1 times:66.45483233453648

epoch 149 start, epsilon: 0.001 time: 2020-06-29 14:07:59.297759
부족분 점수: 36.454832334536476
추가분 점수: 0
기타 점수: 30.0
[Episode 150] - Mean score over last 1 times:66.45483233453648

epoch 150 start, epsilon: 0.001 time: 2020-06-29 14:08:02.688403
부족분 점수: 36.454832334536476
추가분 점수: 0
기타 점수: 30.0
[Episode 151] - Mean score over last 1 times:66.45483233453648

epoch 151 start, epsilon: 0.001 time: 2020-06-29 14:08:06.095734
부족분 점수: 36.41395626470969
추가분 점수: 1.0139913483004892
기타 점수: 30.0
[Episode 152] - Mean score over last 1 times:67.42794761301018

epoch 152 start, epsilon: 0.001 time: 2020-06-29 14:08:09.536926
부족분 점수: 36.09140842184362
추가분 점수: 3.431448599006539
기타 점수: 30.0
[Episode 153] - Mean score over last 1 times:69.52285702085015

epoch 153 start, epsilon: 0.001 time: 2020-06-29 14:08:12.921693
부족분 점수: 36.571417687352366
추가분 점수: 2.9811276701700073
기타 점수: 30.0
[Episode 154] - Mean score over last 1 times:69.55254535752238

epoch 154 start, epsilon: 0.001 time: 2020-06-29 14:08:16.344271
부족분 점수: 35.32860606012197
추가분 점수: 5.832106278088762
기타 점수: 30.0
[Episode 155] - Mean score over last 1 times:71.16071233821073

epoch 155 start, epsilon: 0.001 time: 2020-06-29 14:08:19.755911
부족분 점수: 35.25186608144861
추가분 점수: 7.771890916452822

기타 점수: 30.0

[Episode 156] - Mean score over last 1 times:73.02375699790143

epoch 156 start, epsilon: 0.001 time: 2020-06-29 14:08:23.115368

부족분 점수: 34.426939343789385

추가분 점수: 8.744530938227996

기타 점수: 30.0

[Episode 157] - Mean score over last 1 times:73.17147028201738

epoch 157 start, epsilon: 0.001 time: 2020-06-29 14:08:26.539603

부족분 점수: 34.50904477704563

추가분 점수: 9.291587342012477

기타 점수: 30.0

[Episode 158] - Mean score over last 1 times:73.80063211905811

epoch 158 start, epsilon: 0.001 time: 2020-06-29 14:08:29.880079

부족분 점수: 34.35946948203779

추가분 점수: 9.832416562035437

기타 점수: 30.0

[Episode 159] - Mean score over last 1 times:74.19188604407323

epoch 159 start, epsilon: 0.001 time: 2020-06-29 14:08:33.324550

부족분 점수: 34.19516184379937

추가분 점수: 10.469879877102981

기타 점수: 30.0

[Episode 160] - Mean score over last 1 times:74.66504172090235

epoch 160 start, epsilon: 0.001 time: 2020-06-29 14:08:36.724597

부족분 점수: 34.23635894998684

추가분 점수: 10.358786550143268

기타 점수: 30.0

[Episode 161] - Mean score over last 1 times:74.5951455001301

epoch 161 start, epsilon: 0.001 time: 2020-06-29 14:08:40.138728

부족분 점수: 34.288137967603284

추가분 점수: 10.272417631132601

기타 점수: 30.0

[Episode 162] - Mean score over last 1 times:74.56055559873589

epoch 162 start, epsilon: 0.001 time: 2020-06-29 14:08:43.556117

부족분 점수: 35.51198387260786

추가분 점수: 8.363950780978548

기타 점수: 30.0

[Episode 163] - Mean score over last 1 times:73.8759346535864

epoch 163 start, epsilon: 0.001 time: 2020-06-29 14:08:46.932506

부족분 점수: 37.552134615307814

추가분 점수: 6.626744079951264

기타 점수: 30.0

[Episode 164] - Mean score over last 1 times:74.17887869525907

epoch 164 start, epsilon: 0.001 time: 2020-06-29 14:08:50.291579

부족분 점수: 37.81924147556299

추가분 점수: 3.2978507767697485

기타 점수: 30.0

[Episode 165] - Mean score over last 1 times:71.11709225233274

epoch 165 start, epsilon: 0.001 time: 2020-06-29 14:08:53.684174

부족분 점수: 37.81924147556299

추가분 점수: 0.0655172233703416

기타 점수: 30.0

[Episode 166] - Mean score over last 1 times:67.88475869893333

epoch 166 start, epsilon: 0.001 time: 2020-06-29 14:08:57.083516

부족분 점수: 37.81924147556299

추가분 점수: 0

기타 점수: 30.0

[Episode 167] - Mean score over last 1 times:67.81924147556299

epoch 167 start, epsilon: 0.001 time: 2020-06-29 14:09:00.461016

부족분 점수: 37.81878680205697

추가분 점수: 0

기타 점수: 30.0

[Episode 168] - Mean score over last 1 times:67.81878680205696

epoch 168 start, epsilon: 0.001 time: 2020-06-29 14:09:03.877106

부족분 점수: 37.81924147556299

추가분 점수: 0

기타 점수: 30.0

[Episode 169] - Mean score over last 1 times:67.81924147556299

epoch 169 start, epsilon: 0.001 time: 2020-06-29 14:09:07.268648

부족분 점수: 37.81924147556299

추가분 점수: 0

기타 점수: 30.0

[Episode 170] - Mean score over last 1 times:67.81924147556299

epoch 170 start, epsilon: 0.001 time: 2020-06-29 14:09:10.657735

부족분 점수: 37.71924402542116

추가분 점수: 0

기타 점수: 30.0

[Episode 171] - Mean score over last 1 times:67.71924402542116

epoch 171 start, epsilon: 0.001 time: 2020-06-29 14:09:14.061188

부족분 점수: 37.71924402542116

추가분 점수: 0

기타 점수: 30.0

[Episode 172] - Mean score over last 1 times:67.71924402542116

epoch 172 start, epsilon: 0.001 time: 2020-06-29 14:09:17.439437

부족분 점수: 37.71924402542116

추가분 점수: 0

기타 점수: 30.0

[Episode 173] - Mean score over last 1 times:67.71924402542116

epoch 173 start, epsilon: 0.001 time: 2020-06-29 14:09:20.842449

부족분 점수: 37.71924402542116

추가분 점수: 0

기타 점수: 30.0

[Episode 174] - Mean score over last 1 times:67.71924402542116

epoch 174 start, epsilon: 0.001 time: 2020-06-29 14:09:24.262666

부족분 점수: 37.45254575689775

추가분 점수: 0

기타 점수: 30.0

[Episode 175] - Mean score over last 1 times:67.45254575689775

epoch 175 start, epsilon: 0.001 time: 2020-06-29 14:09:27.605647

부족분 점수: 37.220857348337965

추가분 점수: 0

기타 점수: 30.0

[Episode 176] - Mean score over last 1 times:67.22085734833797

epoch 176 start, epsilon: 0.001 time: 2020-06-29 14:09:31.017803

부족분 점수: 36.90949816026197

추가분 점수: 0

기타 점수: 30.0

[Episode 177] - Mean score over last 1 times:66.90949816026196

epoch 177 start, epsilon: 0.001 time: 2020-06-29 14:09:34.425759

부족분 점수: 36.24651813793995

추가분 점수: 0

기타 점수: 30.0

[Episode 178] - Mean score over last 1 times:66.24651813793994

epoch 178 start, epsilon: 0.001 time: 2020-06-29 14:09:37.814029

부족분 점수: 36.474572230569855

추가분 점수: 0

기타 점수: 30.0

[Episode 179] - Mean score over last 1 times:66.47457223056986

epoch 179 start, epsilon: 0.001 time: 2020-06-29 14:09:41.205337

부족분 점수: 36.474572230569855

추가분 점수: 0

기타 점수: 30.0

[Episode 180] - Mean score over last 1 times:66.47457223056986

epoch 180 start, epsilon: 0.001 time: 2020-06-29 14:09:44.616824

부족분 점수: 36.474572230569855

추가분 점수: 0

기타 점수: 30.0

[Episode 181] - Mean score over last 1 times:66.47457223056986

epoch 181 start, epsilon: 0.001 time: 2020-06-29 14:09:48.038185

부족분 점수: 35.80528054123351

추가분 점수: 0

기타 점수: 30.0

[Episode 182] - Mean score over last 1 times:65.80528054123351

epoch 182 start, epsilon: 0.001 time: 2020-06-29 14:09:51.445760

부족분 점수: 35.80528054123351

추가분 점수: 0

기타 점수: 30.0

[Episode 183] - Mean score over last 1 times:65.80528054123351

epoch 183 start, epsilon: 0.001 time: 2020-06-29 14:09:54.881119

부족분 점수: 39.59682287671313

추가분 점수: 0

기타 점수: 30.0

[Episode 184] - Mean score over last 1 times:69.59682287671313

epoch 184 start, epsilon: 0.001 time: 2020-06-29 14:09:58.263810

부족분 점수: 37.44780701444479

추가분 점수: 0

기타 점수: 30.0

[Episode 185] - Mean score over last 1 times:67.44780701444479

epoch 185 start, epsilon: 0.001 time: 2020-06-29 14:10:01.685022

부족분 점수: 36.13865299287299

추가분 점수: 1.6064745507257427

기타 점수: 30.0

[Episode 186] - Mean score over last 1 times:67.74512754359873

epoch 186 start, epsilon: 0.001 time: 2020-06-29 14:10:05.216387
부족분 점수: 34.860644106463646
추가분 점수: 5.995773994088629
기타 점수: 30.0
[Episode 187] - Mean score over last 1 times:70.85641810055228

epoch 187 start, epsilon: 0.001 time: 2020-06-29 14:10:08.725907
부족분 점수: 33.79361140714384
추가분 점수: 6.659774881316391
기타 점수: 30.0
[Episode 188] - Mean score over last 1 times:70.45338628846024

epoch 188 start, epsilon: 0.001 time: 2020-06-29 14:10:12.183069
부족분 점수: 33.71696051990072
추가분 점수: 5.506145311809254
기타 점수: 30.0
[Episode 189] - Mean score over last 1 times:69.22310583170997

epoch 189 start, epsilon: 0.001 time: 2020-06-29 14:10:15.587144
부족분 점수: 33.712413784840514
추가분 점수: 8.206989499192494
기타 점수: 30.0
[Episode 190] - Mean score over last 1 times:71.91940328403301

epoch 190 start, epsilon: 0.001 time: 2020-06-29 14:10:19.009403
부족분 점수: 33.56790287682372
추가분 점수: 10.528930905909313
기타 점수: 30.0
[Episode 191] - Mean score over last 1 times:74.09683378273303

epoch 191 start, epsilon: 0.001 time: 2020-06-29 14:10:22.431766
부족분 점수: 33.16375189204085
추가분 점수: 10.685215092825588
기타 점수: 30.0
[Episode 192] - Mean score over last 1 times:73.84896698486644

epoch 192 start, epsilon: 0.001 time: 2020-06-29 14:10:25.820825
부족분 점수: 33.18211701514217
추가분 점수: 10.691590352688394
기타 점수: 30.0
[Episode 193] - Mean score over last 1 times:73.87370736783056

epoch 193 start, epsilon: 0.001 time: 2020-06-29 14:10:29.233493
부족분 점수: 33.16300843941614
추가분 점수: 10.649104185668998
기타 점수: 30.0
[Episode 194] - Mean score over last 1 times:73.81211262508513

epoch 194 start, epsilon: 0.001 time: 2020-06-29 14:10:32.657731
부족분 점수: 32.66846651836528
추가분 점수: 7.288539186251164
기타 점수: 30.0
[Episode 195] - Mean score over last 1 times:69.95700570461645

epoch 195 start, epsilon: 0.001 time: 2020-06-29 14:10:36.085128
부족분 점수: 32.583049341598965
추가분 점수: 5.532975964053759
기타 점수: 30.0
[Episode 196] - Mean score over last 1 times:68.11602530565273

epoch 196 start, epsilon: 0.001 time: 2020-06-29 14:10:39.505894
부족분 점수: 34.80947029614913
추가분 점수: 5.412969193105061
기타 점수: 30.0
[Episode 197] - Mean score over last 1 times:70.22243948925419

epoch 197 start, epsilon: 0.001 time: 2020-06-29 14:10:42.936394
부족분 점수: 35.313136408503254
추가분 점수: 0.4245790353118495
기타 점수: 30.0
[Episode 198] - Mean score over last 1 times:65.7377154438151

epoch 198 start, epsilon: 0.001 time: 2020-06-29 14:10:46.290811
부족분 점수: 37.70892631616459
추가분 점수: 0
기타 점수: 30.0
[Episode 199] - Mean score over last 1 times:67.7089263161646

epoch 199 start, epsilon: 0.001 time: 2020-06-29 14:10:49.742848
부족분 점수: 36.56451310150924
추가분 점수: 0
기타 점수: 30.0
[Episode 200] - Mean score over last 1 times:66.56451310150925

epoch 200 start, epsilon: 0.001 time: 2020-06-29 14:10:53.171452
부족분 점수: 38.67747611965655
추가분 점수: 0
기타 점수: 30.0
[Episode 201] - Mean score over last 1 times:68.67747611965655

epoch 201 start, epsilon: 0.001 time: 2020-06-29 14:10:56.650220
부족분 점수: 38.67747611965655
추가분 점수: 0
기타 점수: 30.0
[Episode 202] - Mean score over last 1 times:68.67747611965655

epoch 202 start, epsilon: 0.001 time: 2020-06-29 14:11:00.041061
부족분 점수: 38.67747611965655
추가분 점수: 0
기타 점수: 30.0
[Episode 203] - Mean score over last 1 times:68.67747611965655

epoch 203 start, epsilon: 0.001 time: 2020-06-29 14:11:03.469157
부족분 점수: 41.83394862742363
추가분 점수: 0
기타 점수: 30.0
[Episode 204] - Mean score over last 1 times:71.83394862742364

epoch 204 start, epsilon: 0.001 time: 2020-06-29 14:11:06.895547
부족분 점수: 42.00767998849799
추가분 점수: 0
기타 점수: 30.0
[Episode 205] - Mean score over last 1 times:72.00767998849798

epoch 205 start, epsilon: 0.001 time: 2020-06-29 14:11:10.326018
부족분 점수: 42.0471659248013
추가분 점수: 0
기타 점수: 30.0
[Episode 206] - Mean score over last 1 times:72.0471659248013

epoch 206 start, epsilon: 0.001 time: 2020-06-29 14:11:13.762796

부족분 점수: 44.943843213828956

추가분 점수: 0

기타 점수: 30.0

[Episode 207] - Mean score over last 1 times:74.94384321382896

epoch 207 start, epsilon: 0.001 time: 2020-06-29 14:11:17.169629

부족분 점수: 21.66670711622407

추가분 점수: 0

기타 점수: 30.0

[Episode 208] - Mean score over last 1 times:51.666707116224075

epoch 208 start, epsilon: 0.001 time: 2020-06-29 14:11:20.625337

부족분 점수: 45.007016718160486

추가분 점수: 0

기타 점수: 30.0

[Episode 209] - Mean score over last 1 times:75.00701671816049

epoch 209 start, epsilon: 0.001 time: 2020-06-29 14:11:24.039585

부족분 점수: 45.007016718160486

추가분 점수: 0

기타 점수: 30.0

[Episode 210] - Mean score over last 1 times:75.00701671816049

epoch 210 start, epsilon: 0.001 time: 2020-06-29 14:11:27.451732

부족분 점수: 45.007016718160486

추가분 점수: 0

기타 점수: 30.0

[Episode 211] - Mean score over last 1 times:75.00701671816049

epoch 211 start, epsilon: 0.001 time: 2020-06-29 14:11:30.861848

부족분 점수: 44.666718175849894

추가분 점수: 0

기타 점수: 30.0

[Episode 212] - Mean score over last 1 times:74.6667181758499

epoch 212 start, epsilon: 0.001 time: 2020-06-29 14:11:34.289095

부족분 점수: 43.80454200399805

추가분 점수: 0

기타 점수: 30.0

[Episode 213] - Mean score over last 1 times:73.80454200399805

epoch 213 start, epsilon: 0.001 time: 2020-06-29 14:11:37.718423

부족분 점수: 44.41158182448804

추가분 점수: 0

기타 점수: 30.0

[Episode 214] - Mean score over last 1 times:74.41158182448804

epoch 214 start, epsilon: 0.001 time: 2020-06-29 14:11:41.128159

부족분 점수: 44.37338924998226

추가분 점수: 0

기타 점수: 30.0

[Episode 215] - Mean score over last 1 times:74.37338924998227

epoch 215 start, epsilon: 0.001 time: 2020-06-29 14:11:44.541096

부족분 점수: 38.615474628450336

추가분 점수: 0

기타 점수: 30.0

[Episode 216] - Mean score over last 1 times:68.61547462845033

epoch 216 start, epsilon: 0.001 time: 2020-06-29 14:11:48.028033

부족분 점수: 38.615474628450336

추가분 점수: 0

기타 점수: 30.0

[Episode 217] - Mean score over last 1 times:68.61547462845033

epoch 217 start, epsilon: 0.001 time: 2020-06-29 14:11:51.461700

부족분 점수: 38.615474628450336

추가분 점수: 0

기타 점수: 30.0

[Episode 218] - Mean score over last 1 times:68.61547462845033

epoch 218 start, epsilon: 0.001 time: 2020-06-29 14:11:54.922603

부족분 점수: 38.57509777784468

추가분 점수: 0

기타 점수: 30.0

[Episode 219] - Mean score over last 1 times:68.57509777784469

epoch 219 start, epsilon: 0.001 time: 2020-06-29 14:11:58.407799

부족분 점수: 38.5226075648455

추가분 점수: 0

기타 점수: 30.0

[Episode 220] - Mean score over last 1 times:68.5226075648455

epoch 220 start, epsilon: 0.001 time: 2020-06-29 14:12:01.837458

부족분 점수: 38.615474628450336

추가분 점수: 0

기타 점수: 30.0

[Episode 221] - Mean score over last 1 times:68.61547462845033

epoch 221 start, epsilon: 0.001 time: 2020-06-29 14:12:05.245719

부족분 점수: 38.615474628450336

추가분 점수: 0

기타 점수: 30.0

[Episode 222] - Mean score over last 1 times:68.61547462845033

epoch 222 start, epsilon: 0.001 time: 2020-06-29 14:12:08.745778

부족분 점수: 38.615474628450336

추가분 점수: 0

기타 점수: 30.0

[Episode 223] - Mean score over last 1 times:68.61547462845033

epoch 223 start, epsilon: 0.001 time: 2020-06-29 14:12:12.206227

부족분 점수: 38.61365593442625

추가분 점수: 0

기타 점수: 30.0

[Episode 224] - Mean score over last 1 times:68.61365593442625

epoch 224 start, epsilon: 0.001 time: 2020-06-29 14:12:15.627070

부족분 점수: 38.615474628450336

추가분 점수: 0

기타 점수: 30.0

[Episode 225] - Mean score over last 1 times:68.61547462845033

epoch 225 start, epsilon: 0.001 time: 2020-06-29 14:12:19.063676

부족분 점수: 38.615474628450336

추가분 점수: 0

기타 점수: 30.0

[Episode 226] - Mean score over last 1 times:68.61547462845033

epoch 226 start, epsilon: 0.001 time: 2020-06-29 14:12:22.495875

부족분 점수: 38.5118090690775

추가분 점수: 0
기타 점수: 30.0
[Episode 227] - Mean score over last 1 times:68.5118090690775

epoch 227 start, epsilon: 0.001 time: 2020-06-29 14:12:25.921455
부족분 점수: 38.53636143840264
추가분 점수: 0
기타 점수: 30.0
[Episode 228] - Mean score over last 1 times:68.53636143840265

epoch 228 start, epsilon: 0.001 time: 2020-06-29 14:12:29.326219
부족분 점수: 38.53636143840264
추가분 점수: 0
기타 점수: 30.0
[Episode 229] - Mean score over last 1 times:68.53636143840265

epoch 229 start, epsilon: 0.001 time: 2020-06-29 14:12:32.729336
부족분 점수: 37.68346459982741
추가분 점수: 0
기타 점수: 30.0
[Episode 230] - Mean score over last 1 times:67.6834645998274

epoch 230 start, epsilon: 0.001 time: 2020-06-29 14:12:36.169466
부족분 점수: 36.32791852005003
추가분 점수: 0.008506695528194275
기타 점수: 30.0
[Episode 231] - Mean score over last 1 times:66.33642521557823

epoch 231 start, epsilon: 0.001 time: 2020-06-29 14:12:39.556063
부족분 점수: 34.56380374939748
추가분 점수: 0.7764828116518063
기타 점수: 30.0
[Episode 232] - Mean score over last 1 times:65.34028656104928

epoch 232 start, epsilon: 0.001 time: 2020-06-29 14:12:42.983857
부족분 점수: 40.75899139899044
추가분 점수: 2.8188743574280584
기타 점수: 30.0
[Episode 233] - Mean score over last 1 times:73.5778657564185

epoch 233 start, epsilon: 0.001 time: 2020-06-29 14:12:46.416414
부족분 점수: 32.24764007553724
추가분 점수: 3.5814023789869576
기타 점수: 30.0
[Episode 234] - Mean score over last 1 times:65.8290424545242

epoch 234 start, epsilon: 0.001 time: 2020-06-29 14:12:49.811401
부족분 점수: 27.703878825824102
추가분 점수: 0
기타 점수: 30.0
[Episode 235] - Mean score over last 1 times:57.703878825824106

epoch 235 start, epsilon: 0.001 time: 2020-06-29 14:12:53.214252
부족분 점수: 30.97023946854811
추가분 점수: 5.939959134682587
기타 점수: 30.0
[Episode 236] - Mean score over last 1 times:66.9101986032307

epoch 236 start, epsilon: 0.001 time: 2020-06-29 14:12:56.620345
부족분 점수: 31.202932459786737
추가분 점수: 5.525919922779234

기타 점수: 30.0

[Episode 237] - Mean score over last 1 times:66.72885238256598

epoch 237 start, epsilon: 0.001 time: 2020-06-29 14:13:00.045864

부족분 점수: 30.87737547706157

추가분 점수: 6.423987345330364

기타 점수: 30.0

[Episode 238] - Mean score over last 1 times:67.30136282239194

epoch 238 start, epsilon: 0.001 time: 2020-06-29 14:13:03.501949

부족분 점수: 30.891015682242205

추가분 점수: 6.545136329857026

기타 점수: 30.0

[Episode 239] - Mean score over last 1 times:67.43615201209923

epoch 239 start, epsilon: 0.001 time: 2020-06-29 14:13:06.946680

부족분 점수: 32.10936403157769

추가분 점수: 6.678652433747465

기타 점수: 30.0

[Episode 240] - Mean score over last 1 times:68.78801646532516

epoch 240 start, epsilon: 0.001 time: 2020-06-29 14:13:10.393050

부족분 점수: 32.00979667799562

추가분 점수: 7.692601386815636

기타 점수: 30.0

[Episode 241] - Mean score over last 1 times:69.70239806481126

epoch 241 start, epsilon: 0.001 time: 2020-06-29 14:13:13.821694

부족분 점수: 31.96119115856646

추가분 점수: 8.442517133971698

기타 점수: 30.0

[Episode 242] - Mean score over last 1 times:70.40370829253816

epoch 242 start, epsilon: 0.001 time: 2020-06-29 14:13:17.228807

부족분 점수: 33.91791852926638

추가분 점수: 8.165375199342076

기타 점수: 30.0

[Episode 243] - Mean score over last 1 times:72.08329372860845

epoch 243 start, epsilon: 0.001 time: 2020-06-29 14:13:20.676785

부족분 점수: 34.30893928050375

추가분 점수: 8.366162091719321

기타 점수: 30.0

[Episode 244] - Mean score over last 1 times:72.67510137222307

epoch 244 start, epsilon: 0.001 time: 2020-06-29 14:13:24.121874

부족분 점수: 34.31028486831211

추가분 점수: 8.354859768552753

기타 점수: 30.0

[Episode 245] - Mean score over last 1 times:72.66514463686487

epoch 245 start, epsilon: 0.001 time: 2020-06-29 14:13:27.538623

부족분 점수: 36.10292732934921

추가분 점수: 8.315115774313588

기타 점수: 30.0

[Episode 246] - Mean score over last 1 times:74.4180431036628

epoch 246 start, epsilon: 0.001 time: 2020-06-29 14:13:30.981784

부족분 점수: 34.792257217404284

추가분 점수: 7.899703325537322

기타 점수: 30.0

[Episode 247] - Mean score over last 1 times:72.69196054294162

epoch 247 start, epsilon: 0.001 time: 2020-06-29 14:13:34.417055

부족분 점수: 35.77524904894898

추가분 점수: 4.70627815020385

기타 점수: 30.0

[Episode 248] - Mean score over last 1 times:70.48152719915282

epoch 248 start, epsilon: 0.001 time: 2020-06-29 14:13:38.200078

부족분 점수: 36.032823126169134

추가분 점수: 4.711562193652206

기타 점수: 30.0

[Episode 249] - Mean score over last 1 times:70.74438531982133

epoch 249 start, epsilon: 0.001 time: 2020-06-29 14:13:41.640242

부족분 점수: 36.032823126169134

추가분 점수: 4.370541703544886

기타 점수: 30.0

[Episode 250] - Mean score over last 1 times:70.40336482971402

epoch 250 start, epsilon: 0.001 time: 2020-06-29 14:13:45.149785

부족분 점수: 36.070060271888615

추가분 점수: 4.36337936697774

기타 점수: 30.0

[Episode 251] - Mean score over last 1 times:70.43343963886636

epoch 251 start, epsilon: 0.001 time: 2020-06-29 14:13:48.571591

부족분 점수: 36.084141326042996

추가분 점수: 2.940953579371095

기타 점수: 30.0

[Episode 252] - Mean score over last 1 times:69.0250949054141

epoch 252 start, epsilon: 0.001 time: 2020-06-29 14:13:52.034725

부족분 점수: 42.55763063491776

추가분 점수: 0.5467860573754946

기타 점수: 30.0

[Episode 253] - Mean score over last 1 times:73.10441669229326

epoch 253 start, epsilon: 0.001 time: 2020-06-29 14:13:55.480394

부족분 점수: 42.54735747137631

추가분 점수: 0

기타 점수: 30.0

[Episode 254] - Mean score over last 1 times:72.5473574713763

epoch 254 start, epsilon: 0.001 time: 2020-06-29 14:13:58.921354

부족분 점수: 42.55094877765021

추가분 점수: 0

기타 점수: 30.0

[Episode 255] - Mean score over last 1 times:72.5509487776502

epoch 255 start, epsilon: 0.001 time: 2020-06-29 14:14:02.375713

부족분 점수: 42.6191498035534

추가분 점수: 0

기타 점수: 30.0

[Episode 256] - Mean score over last 1 times:72.6191498035534

epoch 256 start, epsilon: 0.001 time: 2020-06-29 14:14:05.785057

부족분 점수: 42.55915133346831

추가분 점수: 0

기타 점수: 30.0

[Episode 257] - Mean score over last 1 times:72.55915133346831

epoch 257 start, epsilon: 0.001 time: 2020-06-29 14:14:09.283816

부족분 점수: 42.55825734704768

추가분 점수: 0

기타 점수: 30.0

[Episode 258] - Mean score over last 1 times:72.55825734704769

epoch 258 start, epsilon: 0.001 time: 2020-06-29 14:14:12.742981

부족분 점수: 41.811534452424105

추가분 점수: 0

기타 점수: 30.0

[Episode 259] - Mean score over last 1 times:71.8115344524241

epoch 259 start, epsilon: 0.001 time: 2020-06-29 14:14:16.166535

부족분 점수: 42.046313411977515

추가분 점수: 0

기타 점수: 30.0

[Episode 260] - Mean score over last 1 times:72.04631341197751

epoch 260 start, epsilon: 0.001 time: 2020-06-29 14:14:19.608365

부족분 점수: 40.67324089739033

추가분 점수: 0

기타 점수: 30.0

[Episode 261] - Mean score over last 1 times:70.67324089739033

epoch 261 start, epsilon: 0.001 time: 2020-06-29 14:14:23.109906

부족분 점수: 40.05911216396018

추가분 점수: 0

기타 점수: 30.0

[Episode 262] - Mean score over last 1 times:70.05911216396018

epoch 262 start, epsilon: 0.001 time: 2020-06-29 14:14:26.540137

부족분 점수: 40.13522696656276

추가분 점수: 0

기타 점수: 30.0

[Episode 263] - Mean score over last 1 times:70.13522696656275

epoch 263 start, epsilon: 0.001 time: 2020-06-29 14:14:30.102976

부족분 점수: 40.12431480241825

추가분 점수: 0

기타 점수: 30.0

[Episode 264] - Mean score over last 1 times:70.12431480241824

epoch 264 start, epsilon: 0.001 time: 2020-06-29 14:14:33.528438

부족분 점수: 39.44490662757294

추가분 점수: 0

기타 점수: 30.0

[Episode 265] - Mean score over last 1 times:69.44490662757295

epoch 265 start, epsilon: 0.001 time: 2020-06-29 14:14:36.951620

부족분 점수: 39.18346168131504

추가분 점수: 0

기타 점수: 30.0

[Episode 266] - Mean score over last 1 times:69.18346168131504

epoch 266 start, epsilon: 0.001 time: 2020-06-29 14:14:40.369037

부족분 점수: 39.18346168131504

추가분 점수: 0

기타 점수: 30.0

[Episode 267] - Mean score over last 1 times:69.18346168131504

epoch 267 start, epsilon: 0.001 time: 2020-06-29 14:14:44.081038
부족분 점수: 39.18346168131504
추가분 점수: 0
기타 점수: 30.0
[Episode 268] - Mean score over last 1 times:69.18346168131504

epoch 268 start, epsilon: 0.001 time: 2020-06-29 14:14:47.790529
부족분 점수: 39.60858140944486
추가분 점수: 0
기타 점수: 30.0
[Episode 269] - Mean score over last 1 times:69.60858140944487

epoch 269 start, epsilon: 0.001 time: 2020-06-29 14:14:51.556434
부족분 점수: 39.55447526222834
추가분 점수: 0
기타 점수: 30.0
[Episode 270] - Mean score over last 1 times:69.55447526222834

epoch 270 start, epsilon: 0.001 time: 2020-06-29 14:14:55.302697
부족분 점수: 39.6244949821556
추가분 점수: 0
기타 점수: 30.0
[Episode 271] - Mean score over last 1 times:69.6244949821556

epoch 271 start, epsilon: 0.001 time: 2020-06-29 14:14:58.989789
부족분 점수: 39.57252549320555
추가분 점수: 0
기타 점수: 30.0
[Episode 272] - Mean score over last 1 times:69.57252549320555

epoch 272 start, epsilon: 0.001 time: 2020-06-29 14:15:02.729997
부족분 점수: 39.99143186210613
추가분 점수: 0
기타 점수: 30.0
[Episode 273] - Mean score over last 1 times:69.99143186210614

epoch 273 start, epsilon: 0.001 time: 2020-06-29 14:15:06.551615
부족분 점수: 37.55061084463899
추가분 점수: 0
기타 점수: 30.0
[Episode 274] - Mean score over last 1 times:67.55061084463898

epoch 274 start, epsilon: 0.001 time: 2020-06-29 14:15:10.273473
부족분 점수: 37.55061084463899
추가분 점수: 0
기타 점수: 30.0
[Episode 275] - Mean score over last 1 times:67.55061084463898

epoch 275 start, epsilon: 0.001 time: 2020-06-29 14:15:14.063880
부족분 점수: 37.968925830769905
추가분 점수: 0
기타 점수: 30.0
[Episode 276] - Mean score over last 1 times:67.9689258307699

epoch 276 start, epsilon: 0.001 time: 2020-06-29 14:15:17.866061
부족분 점수: 37.968925830769905
추가분 점수: 0
기타 점수: 30.0
[Episode 277] - Mean score over last 1 times:67.9689258307699

epoch 277 start, epsilon: 0.001 time: 2020-06-29 14:15:21.641372
부족분 점수: 39.24388410372332
추가분 점수: 0
기타 점수: 30.0
[Episode 278] - Mean score over last 1 times:69.24388410372332

epoch 278 start, epsilon: 0.001 time: 2020-06-29 14:15:25.386251
부족분 점수: 39.24388410372332
추가분 점수: 0
기타 점수: 30.0
[Episode 279] - Mean score over last 1 times:69.24388410372332

epoch 279 start, epsilon: 0.001 time: 2020-06-29 14:15:29.087590
부족분 점수: 39.24388410372332
추가분 점수: 0
기타 점수: 30.0
[Episode 280] - Mean score over last 1 times:69.24388410372332

epoch 280 start, epsilon: 0.001 time: 2020-06-29 14:15:32.571252
부족분 점수: 39.24388410372332
추가분 점수: 0
기타 점수: 30.0
[Episode 281] - Mean score over last 1 times:69.24388410372332

epoch 281 start, epsilon: 0.001 time: 2020-06-29 14:15:36.057435
부족분 점수: 38.32022716471439
추가분 점수: 0
기타 점수: 30.0
[Episode 282] - Mean score over last 1 times:68.3202271647144

epoch 282 start, epsilon: 0.001 time: 2020-06-29 14:15:39.532443
부족분 점수: 38.33099647535869
추가분 점수: 0
기타 점수: 30.0
[Episode 283] - Mean score over last 1 times:68.33099647535869

epoch 283 start, epsilon: 0.001 time: 2020-06-29 14:15:42.945522
부족분 점수: 38.3327905924365
추가분 점수: 0
기타 점수: 30.0
[Episode 284] - Mean score over last 1 times:68.33279059243651

epoch 284 start, epsilon: 0.001 time: 2020-06-29 14:15:46.400838
부족분 점수: 38.343579871849656
추가분 점수: 0
기타 점수: 30.0
[Episode 285] - Mean score over last 1 times:68.34357987184966

epoch 285 start, epsilon: 0.001 time: 2020-06-29 14:15:49.813336
부족분 점수: 38.32766629913892
추가분 점수: 0
기타 점수: 30.0
[Episode 286] - Mean score over last 1 times:68.32766629913891

epoch 286 start, epsilon: 0.001 time: 2020-06-29 14:15:53.287040
부족분 점수: 38.343579871849656
추가분 점수: 0
기타 점수: 30.0
[Episode 287] - Mean score over last 1 times:68.34357987184966

epoch 287 start, epsilon: 0.001 time: 2020-06-29 14:15:56.735019

부족분 점수: 37.665199320570316

추가분 점수: 0

기타 점수: 30.0

[Episode 288] - Mean score over last 1 times:67.66519932057031

epoch 288 start, epsilon: 0.001 time: 2020-06-29 14:16:00.194342

부족분 점수: 38.343579871849656

추가분 점수: 0

기타 점수: 30.0

[Episode 289] - Mean score over last 1 times:68.34357987184966

epoch 289 start, epsilon: 0.001 time: 2020-06-29 14:16:03.645541

부족분 점수: 37.33656253926551

추가분 점수: 0

기타 점수: 30.0

[Episode 290] - Mean score over last 1 times:67.33656253926551

epoch 290 start, epsilon: 0.001 time: 2020-06-29 14:16:07.165297

부족분 점수: 37.33656253926551

추가분 점수: 0

기타 점수: 30.0

[Episode 291] - Mean score over last 1 times:67.33656253926551

epoch 291 start, epsilon: 0.001 time: 2020-06-29 14:16:10.632477

부족분 점수: 37.33656253926551

추가분 점수: 0

기타 점수: 30.0

[Episode 292] - Mean score over last 1 times:67.33656253926551

epoch 292 start, epsilon: 0.001 time: 2020-06-29 14:16:14.063071

부족분 점수: 37.33656253926551

추가분 점수: 0

기타 점수: 30.0

[Episode 293] - Mean score over last 1 times:67.33656253926551

epoch 293 start, epsilon: 0.001 time: 2020-06-29 14:16:17.502144

부족분 점수: 37.33656253926551

추가분 점수: 0

기타 점수: 30.0

[Episode 294] - Mean score over last 1 times:67.33656253926551

epoch 294 start, epsilon: 0.001 time: 2020-06-29 14:16:20.966364

부족분 점수: 37.107702015586085

추가분 점수: 0

기타 점수: 30.0

[Episode 295] - Mean score over last 1 times:67.10770201558609

epoch 295 start, epsilon: 0.001 time: 2020-06-29 14:16:24.402451

부족분 점수: 37.107702015586085

추가분 점수: 0

기타 점수: 30.0

[Episode 296] - Mean score over last 1 times:67.10770201558609

epoch 296 start, epsilon: 0.001 time: 2020-06-29 14:16:27.847636

부족분 점수: 36.331560516275616

추가분 점수: 0

기타 점수: 30.0

[Episode 297] - Mean score over last 1 times:66.33156051627562

epoch 297 start, epsilon: 0.001 time: 2020-06-29 14:16:31.270723

부족분 점수: 36.271569726486234

추가분 점수: 0

기타 점수: 30.0

[Episode 298] - Mean score over last 1 times:66.27156972648623

epoch 298 start, epsilon: 0.001 time: 2020-06-29 14:16:34.744684

부족분 점수: 36.28311167487895

추가분 점수: 0

기타 점수: 30.0

[Episode 299] - Mean score over last 1 times:66.28311167487895

epoch 299 start, epsilon: 0.001 time: 2020-06-29 14:16:38.173163

부족분 점수: 36.271569726486234

추가분 점수: 0

기타 점수: 30.0

[Episode 300] - Mean score over last 1 times:66.27156972648623

epoch 300 start, epsilon: 0.001 time: 2020-06-29 14:16:41.613643

부족분 점수: 36.27975384959462

추가분 점수: 0

기타 점수: 30.0

[Episode 301] - Mean score over last 1 times:66.27975384959461

epoch 301 start, epsilon: 0.001 time: 2020-06-29 14:16:45.066173

부족분 점수: 36.689881640498875

추가분 점수: 0

기타 점수: 30.0

[Episode 302] - Mean score over last 1 times:66.68988164049887

epoch 302 start, epsilon: 0.001 time: 2020-06-29 14:16:48.508617

부족분 점수: 36.689881640498875

추가분 점수: 0

기타 점수: 30.0

[Episode 303] - Mean score over last 1 times:66.68988164049887

epoch 303 start, epsilon: 0.001 time: 2020-06-29 14:16:51.938673

부족분 점수: 36.67896947635437

추가분 점수: 0

기타 점수: 30.0

[Episode 304] - Mean score over last 1 times:66.67896947635437

epoch 304 start, epsilon: 0.001 time: 2020-06-29 14:16:55.398902

부족분 점수: 36.689881640498875

추가분 점수: 0

기타 점수: 30.0

[Episode 305] - Mean score over last 1 times:66.68988164049887

epoch 305 start, epsilon: 0.001 time: 2020-06-29 14:16:58.827932

부족분 점수: 44.80782056863066

추가분 점수: 0

기타 점수: 30.0

[Episode 306] - Mean score over last 1 times:74.80782056863066

epoch 306 start, epsilon: 0.001 time: 2020-06-29 14:17:02.252918

부족분 점수: 44.80145513954636

추가분 점수: 0

기타 점수: 30.0

[Episode 307] - Mean score over last 1 times:74.80145513954636

epoch 307 start, epsilon: 0.001 time: 2020-06-29 14:17:05.666249

부족분 점수: 45.827470451598316

추가분 점수: 0
기타 점수: 30.0
[Episode 308] - Mean score over last 1 times:75.82747045159832

epoch 308 start, epsilon: 0.001 time: 2020-06-29 14:17:09.110480
부족분 점수: 45.80973818486349
추가분 점수: 0
기타 점수: 30.0
[Episode 309] - Mean score over last 1 times:75.80973818486349

epoch 309 start, epsilon: 0.001 time: 2020-06-29 14:17:12.540739
부족분 점수: 45.827470451598316
추가분 점수: 0
기타 점수: 30.0
[Episode 310] - Mean score over last 1 times:75.82747045159832

epoch 310 start, epsilon: 0.001 time: 2020-06-29 14:17:16.032762
부족분 점수: 41.3072615967089
추가분 점수: 0
기타 점수: 30.0
[Episode 311] - Mean score over last 1 times:71.3072615967089

epoch 311 start, epsilon: 0.001 time: 2020-06-29 14:17:19.457704
부족분 점수: 41.404561726997436
추가분 점수: 0
기타 점수: 30.0
[Episode 312] - Mean score over last 1 times:71.40456172699743

epoch 312 start, epsilon: 0.001 time: 2020-06-29 14:17:22.932859
부족분 점수: 41.404561726997436
추가분 점수: 0
기타 점수: 30.0
[Episode 313] - Mean score over last 1 times:71.40456172699743

epoch 313 start, epsilon: 0.001 time: 2020-06-29 14:17:26.406215
부족분 점수: 42.0732758580964
추가분 점수: 0
기타 점수: 30.0
[Episode 314] - Mean score over last 1 times:72.0732758580964

epoch 314 start, epsilon: 0.001 time: 2020-06-29 14:17:29.840419
부족분 점수: 42.07236651108436
추가분 점수: 0
기타 점수: 30.0
[Episode 315] - Mean score over last 1 times:72.07236651108437

epoch 315 start, epsilon: 0.001 time: 2020-06-29 14:17:33.307260
부족분 점수: 42.60876911587201
추가분 점수: 0
기타 점수: 30.0
[Episode 316] - Mean score over last 1 times:72.60876911587201

epoch 316 start, epsilon: 0.001 time: 2020-06-29 14:17:36.719151
부족분 점수: 42.10499087120052
추가분 점수: 0
기타 점수: 30.0
[Episode 317] - Mean score over last 1 times:72.10499087120053

epoch 317 start, epsilon: 0.001 time: 2020-06-29 14:17:40.133576
부족분 점수: 37.14543684446756
추가분 점수: 0

기타 점수: 30.0

[Episode 318] - Mean score over last 1 times:67.14543684446755

epoch 318 start, epsilon: 0.001 time: 2020-06-29 14:17:43.540584

부족분 점수: 37.14543684446756

추가분 점수: 0

기타 점수: 30.0

[Episode 319] - Mean score over last 1 times:67.14543684446755

epoch 319 start, epsilon: 0.001 time: 2020-06-29 14:17:46.970500

부족분 점수: 37.12342358090408

추가분 점수: 0

기타 점수: 30.0

[Episode 320] - Mean score over last 1 times:67.12342358090407

epoch 320 start, epsilon: 0.001 time: 2020-06-29 14:17:50.392655

부족분 점수: 37.116695641862286

추가분 점수: 0

기타 점수: 30.0

[Episode 321] - Mean score over last 1 times:67.1166956418623

epoch 321 start, epsilon: 0.001 time: 2020-06-29 14:17:53.808609

부족분 점수: 36.95385186798617

추가분 점수: 0

기타 점수: 30.0

[Episode 322] - Mean score over last 1 times:66.95385186798617

epoch 322 start, epsilon: 0.001 time: 2020-06-29 14:17:57.235885

부족분 점수: 38.79680794621827

추가분 점수: 0

기타 점수: 30.0

[Episode 323] - Mean score over last 1 times:68.79680794621828

epoch 323 start, epsilon: 0.001 time: 2020-06-29 14:18:00.654374

부족분 점수: 38.621967550443415

추가분 점수: 0

기타 점수: 30.0

[Episode 324] - Mean score over last 1 times:68.62196755044342

epoch 324 start, epsilon: 0.001 time: 2020-06-29 14:18:04.081961

부족분 점수: 38.63016088990665

추가분 점수: 0

기타 점수: 30.0

[Episode 325] - Mean score over last 1 times:68.63016088990665

epoch 325 start, epsilon: 0.001 time: 2020-06-29 14:18:07.572534

부족분 점수: 40.46308803800087

추가분 점수: 0

기타 점수: 30.0

[Episode 326] - Mean score over last 1 times:70.46308803800088

epoch 326 start, epsilon: 0.001 time: 2020-06-29 14:18:11.046432

부족분 점수: 40.33728940245149

추가분 점수: 0

기타 점수: 30.0

[Episode 327] - Mean score over last 1 times:70.33728940245149

epoch 327 start, epsilon: 0.001 time: 2020-06-29 14:18:14.538960

부족분 점수: 40.250981311382844

추가분 점수: 0

기타 점수: 30.0

[Episode 328] - Mean score over last 1 times:70.25098131138284

epoch 328 start, epsilon: 0.001 time: 2020-06-29 14:18:17.947008

부족분 점수: 41.39103519019331

추가분 점수: 3.7133848814300596

기타 점수: 30.0

[Episode 329] - Mean score over last 1 times:75.10442007162337

epoch 329 start, epsilon: 0.001 time: 2020-06-29 14:18:21.417753

부족분 점수: 41.36291301942224

추가분 점수: 3.1471019325774496

기타 점수: 30.0

[Episode 330] - Mean score over last 1 times:74.5100149519997

epoch 330 start, epsilon: 0.001 time: 2020-06-29 14:18:24.857891

부족분 점수: 40.95226296840971

추가분 점수: 3.5542417812387583

기타 점수: 30.0

[Episode 331] - Mean score over last 1 times:74.50650474964847

epoch 331 start, epsilon: 0.001 time: 2020-06-29 14:18:28.286619

부족분 점수: 23.337125351335125

추가분 점수: 0

기타 점수: 30.0

[Episode 332] - Mean score over last 1 times:53.337125351335125

epoch 332 start, epsilon: 0.001 time: 2020-06-29 14:18:31.778244

부족분 점수: 36.40954316679482

추가분 점수: 4.100843511517218

기타 점수: 30.0

[Episode 333] - Mean score over last 1 times:70.51038667831205

epoch 333 start, epsilon: 0.001 time: 2020-06-29 14:18:35.196335

부족분 점수: 35.65926890343503

추가분 점수: 4.084323502657227

기타 점수: 30.0

[Episode 334] - Mean score over last 1 times:69.74359240609226

epoch 334 start, epsilon: 0.001 time: 2020-06-29 14:18:38.637132

부족분 점수: 35.66016596197393

추가분 점수: 4.0724552953027615

기타 점수: 30.0

[Episode 335] - Mean score over last 1 times:69.73262125727669

epoch 335 start, epsilon: 0.001 time: 2020-06-29 14:18:42.075900

부족분 점수: 36.23489938659014

추가분 점수: 4.043046521394384

기타 점수: 30.0

[Episode 336] - Mean score over last 1 times:70.27794590798453

epoch 336 start, epsilon: 0.001 time: 2020-06-29 14:18:45.518244

부족분 점수: 34.905223614881706

추가분 점수: 0.5296460950458104

기타 점수: 30.0

[Episode 337] - Mean score over last 1 times:65.43486970992751

epoch 337 start, epsilon: 0.001 time: 2020-06-29 14:18:48.953028

부족분 점수: 34.92477457564062

추가분 점수: 0.6278285377054904

기타 점수: 30.0

[Episode 338] - Mean score over last 1 times:65.55260311334611

epoch 338 start, epsilon: 0.001 time: 2020-06-29 14:18:52.390887
부족분 점수: 34.39126283415814
추가분 점수: 0.37939677728647814
기타 점수: 30.0
[Episode 339] - Mean score over last 1 times:64.77065961144461

epoch 339 start, epsilon: 0.001 time: 2020-06-29 14:18:55.820387
부족분 점수: 34.39126283415814
추가분 점수: 0.37939677728647814
기타 점수: 30.0
[Episode 340] - Mean score over last 1 times:64.77065961144461

epoch 340 start, epsilon: 0.001 time: 2020-06-29 14:18:59.286282
부족분 점수: 34.39126283415814
추가분 점수: 0.362881069392087
기타 점수: 30.0
[Episode 341] - Mean score over last 1 times:64.75414390355023

epoch 341 start, epsilon: 0.001 time: 2020-06-29 14:19:02.794360
부족분 점수: 33.875057871028176
추가분 점수: 2.2559639800275444
기타 점수: 30.0
[Episode 342] - Mean score over last 1 times:66.13102185105572

epoch 342 start, epsilon: 0.001 time: 2020-06-29 14:19:06.239864
부족분 점수: 33.880513953100426
추가분 점수: 2.2414279451553165
기타 점수: 30.0
[Episode 343] - Mean score over last 1 times:66.12194189825574

epoch 343 start, epsilon: 0.001 time: 2020-06-29 14:19:09.673253
부족분 점수: 33.880513953100426
추가분 점수: 2.2548838232389157
기타 점수: 30.0
[Episode 344] - Mean score over last 1 times:66.13539777633935

epoch 344 start, epsilon: 0.001 time: 2020-06-29 14:19:13.153765
부족분 점수: 33.880513953100426
추가분 점수: 2.2593691159334495
기타 점수: 30.0
[Episode 345] - Mean score over last 1 times:66.13988306903389

epoch 345 start, epsilon: 0.001 time: 2020-06-29 14:19:16.605978
부족분 점수: 34.414025694582904
추가분 점수: 2.180251624920164
기타 점수: 30.0
[Episode 346] - Mean score over last 1 times:66.59427731950308

epoch 346 start, epsilon: 0.001 time: 2020-06-29 14:19:20.038126
부족분 점수: 34.843861124278554
추가분 점수: 0
기타 점수: 30.0
[Episode 347] - Mean score over last 1 times:64.84386112427856

epoch 347 start, epsilon: 0.001 time: 2020-06-29 14:19:23.461272
부족분 점수: 34.414025694582904
추가분 점수: 3.1611052621392455
기타 점수: 30.0
[Episode 348] - Mean score over last 1 times:67.57513095672215

epoch 348 start, epsilon: 0.001 time: 2020-06-29 14:19:27.268181
부족분 점수: 34.46775089913222
추가분 점수: 2.989013183381193
기타 점수: 30.0
[Episode 349] - Mean score over last 1 times:67.45676408251342

epoch 349 start, epsilon: 0.001 time: 2020-06-29 14:19:30.697717
부족분 점수: 34.4759350222406
추가분 점수: 2.549641284108577
기타 점수: 30.0
[Episode 350] - Mean score over last 1 times:67.02557630634917

epoch 350 start, epsilon: 0.001 time: 2020-06-29 14:19:34.115663
부족분 점수: 34.46045769032617
추가분 점수: 3.1185103421325966
기타 점수: 30.0
[Episode 351] - Mean score over last 1 times:67.57896803245876

epoch 351 start, epsilon: 0.001 time: 2020-06-29 14:19:37.528692
부족분 점수: 34.45787711096768
추가분 점수: 3.1386536072966487
기타 점수: 30.0
[Episode 352] - Mean score over last 1 times:67.59653071826432

epoch 352 start, epsilon: 0.001 time: 2020-06-29 14:19:40.939969
부족분 점수: 34.80631676673068
추가분 점수: 3.086248184762108
기타 점수: 30.0
[Episode 353] - Mean score over last 1 times:67.89256495149279

epoch 353 start, epsilon: 0.001 time: 2020-06-29 14:19:44.421393
부족분 점수: 36.07388813127038
추가분 점수: 3.5664239590818414
기타 점수: 30.0
[Episode 354] - Mean score over last 1 times:69.64031209035221

epoch 354 start, epsilon: 0.001 time: 2020-06-29 14:19:47.864792
부족분 점수: 36.35218979055219
추가분 점수: 2.7302849113217698
기타 점수: 30.0
[Episode 355] - Mean score over last 1 times:69.08247470187396

epoch 355 start, epsilon: 0.001 time: 2020-06-29 14:19:51.311192
부족분 점수: 35.95006947595499
추가분 점수: 4.13783918873958
기타 점수: 30.0
[Episode 356] - Mean score over last 1 times:70.08790866469457

epoch 356 start, epsilon: 0.001 time: 2020-06-29 14:19:54.767746
부족분 점수: 35.95006947595499
추가분 점수: 4.3711512118124185
기타 점수: 30.0
[Episode 357] - Mean score over last 1 times:70.32122068776741

epoch 357 start, epsilon: 0.001 time: 2020-06-29 14:19:58.142639
부족분 점수: 35.95006947595499
추가분 점수: 4.380137157792905
기타 점수: 30.0
[Episode 358] - Mean score over last 1 times:70.33020663374789

epoch 358 start, epsilon: 0.001 time: 2020-06-29 14:20:01.541295
부족분 점수: 35.95006947595499
추가분 점수: 4.303856460802997
기타 점수: 30.0
[Episode 359] - Mean score over last 1 times:70.25392593675798

epoch 359 start, epsilon: 0.001 time: 2020-06-29 14:20:04.970709
부족분 점수: 35.95006947595499
추가분 점수: 4.155780359517713
기타 점수: 30.0
[Episode 360] - Mean score over last 1 times:70.1058498354727

epoch 360 start, epsilon: 0.001 time: 2020-06-29 14:20:08.459841
부족분 점수: 35.95006947595499
추가분 점수: 4.155780359517713
기타 점수: 30.0
[Episode 361] - Mean score over last 1 times:70.1058498354727

epoch 361 start, epsilon: 0.001 time: 2020-06-29 14:20:11.932552
부족분 점수: 36.97629061993196
추가분 점수: 4.155780359517713
기타 점수: 30.0
[Episode 362] - Mean score over last 1 times:71.13207097944968

epoch 362 start, epsilon: 0.001 time: 2020-06-29 14:20:15.361315
부족분 점수: 36.97629061993196
추가분 점수: 3.265374185543042
기타 점수: 30.0
[Episode 363] - Mean score over last 1 times:70.241664805475

epoch 363 start, epsilon: 0.001 time: 2020-06-29 14:20:18.807485
부족분 점수: 33.586367843769274
추가분 점수: 4.501967538154941
기타 점수: 30.0
[Episode 364] - Mean score over last 1 times:68.08833538192422

epoch 364 start, epsilon: 0.001 time: 2020-06-29 14:20:22.280579
부족분 점수: 33.586367843769274
추가분 점수: 4.519908708933076
기타 점수: 30.0
[Episode 365] - Mean score over last 1 times:68.10627655270235

epoch 365 start, epsilon: 0.001 time: 2020-06-29 14:20:25.633618
부족분 점수: 33.586367843769274
추가분 점수: 3.658409939162841
기타 점수: 30.0
[Episode 366] - Mean score over last 1 times:67.24477778293212

epoch 366 start, epsilon: 0.001 time: 2020-06-29 14:20:29.063322
부족분 점수: 33.89809875815762
추가분 점수: 1.9547741178949973
기타 점수: 30.0
[Episode 367] - Mean score over last 1 times:65.85287287605263

epoch 367 start, epsilon: 0.001 time: 2020-06-29 14:20:32.468554
부족분 점수: 33.586367843769274
추가분 점수: 2.675213504540437
기타 점수: 30.0
[Episode 368] - Mean score over last 1 times:66.2615813483097

epoch 368 start, epsilon: 0.001 time: 2020-06-29 14:20:35.925642

부족분 점수: 33.586367843769274

추가분 점수: 2.72009715266861

기타 점수: 30.0

[Episode 369] - Mean score over last 1 times:66.30646499643788

epoch 369 start, epsilon: 0.001 time: 2020-06-29 14:20:39.371175

부족분 점수: 33.586367843769274

추가분 점수: 0.7558664402720305

기타 점수: 30.0

[Episode 370] - Mean score over last 1 times:64.3422342840413

epoch 370 start, epsilon: 0.001 time: 2020-06-29 14:20:42.871521

부족분 점수: 36.43223076032163

추가분 점수: 0

기타 점수: 30.0

[Episode 371] - Mean score over last 1 times:66.43223076032163

epoch 371 start, epsilon: 0.001 time: 2020-06-29 14:20:46.307001

부족분 점수: 36.43223076032163

추가분 점수: 0

기타 점수: 30.0

[Episode 372] - Mean score over last 1 times:66.43223076032163

epoch 372 start, epsilon: 0.001 time: 2020-06-29 14:20:49.759774

부족분 점수: 36.43223076032163

추가분 점수: 0

기타 점수: 30.0

[Episode 373] - Mean score over last 1 times:66.43223076032163

epoch 373 start, epsilon: 0.001 time: 2020-06-29 14:20:53.216778

부족분 점수: 35.85922693829927

추가분 점수: 0

기타 점수: 30.0

[Episode 374] - Mean score over last 1 times:65.85922693829927

epoch 374 start, epsilon: 0.001 time: 2020-06-29 14:20:56.666260

부족분 점수: 37.55152940800588

추가분 점수: 0

기타 점수: 30.0

[Episode 375] - Mean score over last 1 times:67.55152940800588

epoch 375 start, epsilon: 0.001 time: 2020-06-29 14:21:00.076769

부족분 점수: 37.55152940800588

추가분 점수: 0

기타 점수: 30.0

[Episode 376] - Mean score over last 1 times:67.55152940800588

epoch 376 start, epsilon: 0.001 time: 2020-06-29 14:21:03.498010

부족분 점수: 37.55152940800588

추가분 점수: 0

기타 점수: 30.0

[Episode 377] - Mean score over last 1 times:67.55152940800588

epoch 377 start, epsilon: 0.001 time: 2020-06-29 14:21:06.919656

부족분 점수: 24.74752871124945

추가분 점수: 0

기타 점수: 30.0

[Episode 378] - Mean score over last 1 times:54.74752871124945

epoch 378 start, epsilon: 0.001 time: 2020-06-29 14:21:10.349897

부족분 점수: 37.55152940800588

추가분 점수: 0
기타 점수: 30.0
[Episode 379] - Mean score over last 1 times:67.55152940800588

epoch 379 start, epsilon: 0.001 time: 2020-06-29 14:21:13.772105
부족분 점수: 36.535108321354635
추가분 점수: 0
기타 점수: 30.0
[Episode 380] - Mean score over last 1 times:66.53510832135464

epoch 380 start, epsilon: 0.001 time: 2020-06-29 14:21:17.199007
부족분 점수: 36.52530826402891
추가분 점수: 0
기타 점수: 30.0
[Episode 381] - Mean score over last 1 times:66.52530826402891

epoch 381 start, epsilon: 0.001 time: 2020-06-29 14:21:20.648000

부족분 점수: 36.52530826402891
추가분 점수: 0
기타 점수: 30.0
[Episode 382] - Mean score over last 1 times:66.52530826402891

epoch 382 start, epsilon: 0.001 time: 2020-06-29 14:21:24.075892
부족분 점수: 36.52530826402891
추가분 점수: 0
기타 점수: 30.0
[Episode 383] - Mean score over last 1 times:66.52530826402891

epoch 383 start, epsilon: 0.001 time: 2020-06-29 14:21:27.480621
부족분 점수: 25.225980412788246
추가분 점수: 0
기타 점수: 30.0
[Episode 384] - Mean score over last 1 times:55.225980412788246

epoch 384 start, epsilon: 0.001 time: 2020-06-29 14:21:30.919481
부족분 점수: 25.225980412788246
추가분 점수: 0
기타 점수: 30.0
[Episode 385] - Mean score over last 1 times:55.225980412788246

epoch 385 start, epsilon: 0.001 time: 2020-06-29 14:21:34.356129
부족분 점수: 25.268996212999795
추가분 점수: 0
기타 점수: 30.0
[Episode 386] - Mean score over last 1 times:55.268996212999795

epoch 386 start, epsilon: 0.001 time: 2020-06-29 14:21:37.797082
부족분 점수: 25.225980412788246
추가분 점수: 0
기타 점수: 30.0
[Episode 387] - Mean score over last 1 times:55.225980412788246

epoch 387 start, epsilon: 0.001 time: 2020-06-29 14:21:41.210495
부족분 점수: 25.195271518422114
추가분 점수: 0
기타 점수: 30.0
[Episode 388] - Mean score over last 1 times:55.19527151842212

epoch 388 start, epsilon: 0.001 time: 2020-06-29 14:21:44.665950
부족분 점수: 35.51829093144476

추가분 점수: 0
기타 점수: 30.0
[Episode 389] - Mean score over last 1 times:65.51829093144477

epoch 389 start, epsilon: 0.001 time: 2020-06-29 14:21:48.075458
부족분 점수: 35.51829093144476
추가분 점수: 0
기타 점수: 30.0
[Episode 390] - Mean score over last 1 times:65.51829093144477

epoch 390 start, epsilon: 0.001 time: 2020-06-29 14:21:51.540561
부족분 점수: 35.51829093144476
추가분 점수: 0
기타 점수: 30.0
[Episode 391] - Mean score over last 1 times:65.51829093144477

epoch 391 start, epsilon: 0.001 time: 2020-06-29 14:21:54.980503
부족분 점수: 35.51829093144476
추가분 점수: 0
기타 점수: 30.0
[Episode 392] - Mean score over last 1 times:65.51829093144477

epoch 392 start, epsilon: 0.001 time: 2020-06-29 14:21:58.392866
부족분 점수: 35.51829093144476
추가분 점수: 0
기타 점수: 30.0
[Episode 393] - Mean score over last 1 times:65.51829093144477

epoch 393 start, epsilon: 0.001 time: 2020-06-29 14:22:01.810918
부족분 점수: 35.51829093144476
추가분 점수: 0
기타 점수: 30.0
[Episode 394] - Mean score over last 1 times:65.51829093144477

epoch 394 start, epsilon: 0.001 time: 2020-06-29 14:22:05.255684
부족분 점수: 35.124368564488215
추가분 점수: 0
기타 점수: 30.0
[Episode 395] - Mean score over last 1 times:65.12436856448821

epoch 395 start, epsilon: 0.001 time: 2020-06-29 14:22:08.772315
부족분 점수: 35.124368564488215
추가분 점수: 0
기타 점수: 30.0
[Episode 396] - Mean score over last 1 times:65.12436856448821

epoch 396 start, epsilon: 0.001 time: 2020-06-29 14:22:12.276072
부족분 점수: 36.40202876547234
추가분 점수: 0
기타 점수: 30.0
[Episode 397] - Mean score over last 1 times:66.40202876547234

epoch 397 start, epsilon: 0.001 time: 2020-06-29 14:22:15.716130
부족분 점수: 35.71032290113647
추가분 점수: 0
기타 점수: 30.0
[Episode 398] - Mean score over last 1 times:65.71032290113646

epoch 398 start, epsilon: 0.001 time: 2020-06-29 14:22:19.168666
부족분 점수: 35.71032290113647
추가분 점수: 0

기타 점수: 30.0

[Episode 399] - Mean score over last 1 times:65.71032290113646

epoch 399 start, epsilon: 0.001 time: 2020-06-29 14:22:22.623543

부족분 점수: 35.92366308324549

추가분 점수: 0

기타 점수: 30.0

[Episode 400] - Mean score over last 1 times:65.92366308324549

epoch 400 start, epsilon: 0.001 time: 2020-06-29 14:22:26.033559

부족분 점수: 41.10554323806797

추가분 점수: 0

기타 점수: 30.0

[Episode 401] - Mean score over last 1 times:71.10554323806798

epoch 401 start, epsilon: 0.001 time: 2020-06-29 14:22:29.470725

부족분 점수: 40.50546637366851

추가분 점수: 0

기타 점수: 30.0

[Episode 402] - Mean score over last 1 times:70.50546637366851

epoch 402 start, epsilon: 0.001 time: 2020-06-29 14:22:32.989215

부족분 점수: 40.50546637366851

추가분 점수: 0

기타 점수: 30.0

[Episode 403] - Mean score over last 1 times:70.50546637366851

epoch 403 start, epsilon: 0.001 time: 2020-06-29 14:22:36.421082

부족분 점수: 40.50546637366851

추가분 점수: 0

기타 점수: 30.0

[Episode 404] - Mean score over last 1 times:70.50546637366851

epoch 404 start, epsilon: 0.001 time: 2020-06-29 14:22:39.823172

부족분 점수: 40.44287196363349

추가분 점수: 0

기타 점수: 30.0

[Episode 405] - Mean score over last 1 times:70.4428719636335

epoch 405 start, epsilon: 0.001 time: 2020-06-29 14:22:43.270503

부족분 점수: 39.66185501260644

추가분 점수: 0.40046352120667983

기타 점수: 30.0

[Episode 406] - Mean score over last 1 times:70.06231853381311

epoch 406 start, epsilon: 0.001 time: 2020-06-29 14:22:46.710753

부족분 점수: 39.55637075920952

추가분 점수: 0.4197416778619778

기타 점수: 30.0

[Episode 407] - Mean score over last 1 times:69.97611243707149

epoch 407 start, epsilon: 0.001 time: 2020-06-29 14:22:50.116378

부족분 점수: 43.32298131875593

추가분 점수: 2.571377749814674

기타 점수: 30.0

[Episode 408] - Mean score over last 1 times:75.8943590685706

epoch 408 start, epsilon: 0.001 time: 2020-06-29 14:22:53.540700

부족분 점수: 39.73551212058187

추가분 점수: 1.1578451302163417

기타 점수: 30.0

[Episode 409] - Mean score over last 1 times:70.89335725079822

epoch 409 start, epsilon: 0.001 time: 2020-06-29 14:22:56.974113

부족분 점수: 39.73551212058187

추가분 점수: 1.6070699272491673

기타 점수: 30.0

[Episode 410] - Mean score over last 1 times:71.34258204783104

epoch 410 start, epsilon: 0.001 time: 2020-06-29 14:23:00.393731

부족분 점수: 39.73551212058187

추가분 점수: 1.618193453131609

기타 점수: 30.0

[Episode 411] - Mean score over last 1 times:71.35370557371348

epoch 411 start, epsilon: 0.001 time: 2020-06-29 14:23:03.861551

부족분 점수: 39.73551212058187

추가분 점수: 1.632546389754117

기타 점수: 30.0

[Episode 412] - Mean score over last 1 times:71.368058510336

epoch 412 start, epsilon: 0.001 time: 2020-06-29 14:23:07.302535

부족분 점수: 39.73551212058187

추가분 점수: 1.5836843484482577

기타 점수: 30.0

[Episode 413] - Mean score over last 1 times:71.31919646903013

epoch 413 start, epsilon: 0.001 time: 2020-06-29 14:23:10.756949

부족분 점수: 25.32256781163491

추가분 점수: 0

기타 점수: 30.0

[Episode 414] - Mean score over last 1 times:55.32256781163491

epoch 414 start, epsilon: 0.001 time: 2020-06-29 14:23:14.230365

부족분 점수: 35.56023917055264

추가분 점수: 4.285260928830386

기타 점수: 30.0

[Episode 415] - Mean score over last 1 times:69.84550009938303

epoch 415 start, epsilon: 0.001 time: 2020-06-29 14:23:17.668258

부족분 점수: 35.56023917055264

추가분 점수: 4.285260928830386

기타 점수: 30.0

[Episode 416] - Mean score over last 1 times:69.84550009938303

epoch 416 start, epsilon: 0.001 time: 2020-06-29 14:23:21.151460

부족분 점수: 35.33158447879824

추가분 점수: 4.723805813860968

기타 점수: 30.0

[Episode 417] - Mean score over last 1 times:70.05539029265921

epoch 417 start, epsilon: 0.001 time: 2020-06-29 14:23:24.587047

부족분 점수: 34.86232762728324

추가분 점수: 5.609699046076551

기타 점수: 30.0

[Episode 418] - Mean score over last 1 times:70.47202667335979

epoch 418 start, epsilon: 0.001 time: 2020-06-29 14:23:28.023091

부족분 점수: 34.79951048867264

추가분 점수: 5.7102064678535065

기타 점수: 30.0

[Episode 419] - Mean score over last 1 times:70.50971695652615

epoch 419 start, epsilon: 0.001 time: 2020-06-29 14:23:31.445829
부족분 점수: 33.987879878946245
추가분 점수: 6.1379018599525725
기타 점수: 30.0
[Episode 420] - Mean score over last 1 times:70.12578173889881

epoch 420 start, epsilon: 0.001 time: 2020-06-29 14:23:34.867767
부족분 점수: 33.987879878946245
추가분 점수: 6.1379018599525725
기타 점수: 30.0
[Episode 421] - Mean score over last 1 times:70.12578173889881

epoch 421 start, epsilon: 0.001 time: 2020-06-29 14:23:38.316785
부족분 점수: 33.987879878946245
추가분 점수: 6.1379018599525725
기타 점수: 30.0
[Episode 422] - Mean score over last 1 times:70.12578173889881

epoch 422 start, epsilon: 0.001 time: 2020-06-29 14:23:41.727038
부족분 점수: 33.98563723259899
추가분 점수: 6.471666621096912
기타 점수: 30.0
[Episode 423] - Mean score over last 1 times:70.4573038536959

epoch 423 start, epsilon: 0.001 time: 2020-06-29 14:23:45.156160
부족분 점수: 33.987879878946245
추가분 점수: 6.470658966299785
기타 점수: 30.0
[Episode 424] - Mean score over last 1 times:70.45853884524604

epoch 424 start, epsilon: 0.001 time: 2020-06-29 14:23:48.571096
부족분 점수: 31.3257833978427
추가분 점수: 6.187610577057483
기타 점수: 30.0
[Episode 425] - Mean score over last 1 times:67.51339397490018

epoch 425 start, epsilon: 0.001 time: 2020-06-29 14:23:52.005403
부족분 점수: 23.229441461246918
추가분 점수: 0
기타 점수: 30.0
[Episode 426] - Mean score over last 1 times:53.22944146124692

epoch 426 start, epsilon: 0.001 time: 2020-06-29 14:23:55.446621
부족분 점수: 31.73053958992751
추가분 점수: 4.712240517369295
기타 점수: 30.0
[Episode 427] - Mean score over last 1 times:66.44278010729681

epoch 427 start, epsilon: 0.001 time: 2020-06-29 14:23:58.872268
부족분 점수: 31.73053958992751
추가분 점수: 4.439849306453936
기타 점수: 30.0
[Episode 428] - Mean score over last 1 times:66.17038889638144

epoch 428 start, epsilon: 0.001 time: 2020-06-29 14:24:02.304984
부족분 점수: 31.716186653305
추가분 점수: 4.4699904733612
기타 점수: 30.0
[Episode 429] - Mean score over last 1 times:66.1861771266662

epoch 429 start, epsilon: 0.001 time: 2020-06-29 14:24:05.728050
부족분 점수: 32.02287007735286
추가분 점수: 4.036164976438387
기타 점수: 30.0
[Episode 430] - Mean score over last 1 times:66.05903505379125

epoch 430 start, epsilon: 0.001 time: 2020-06-29 14:24:09.202752
부족분 점수: 33.102455451980795
추가분 점수: 3.9947079690441067
기타 점수: 30.0
[Episode 431] - Mean score over last 1 times:67.0971634210249

epoch 431 start, epsilon: 0.001 time: 2020-06-29 14:24:12.683688
부족분 점수: 31.33850503965644
추가분 점수: 1.712788890482977
기타 점수: 30.0
[Episode 432] - Mean score over last 1 times:63.051293930139416

epoch 432 start, epsilon: 0.001 time: 2020-06-29 14:24:16.101384
부족분 점수: 34.11895334158914
추가분 점수: 3.06942403619201
기타 점수: 30.0
[Episode 433] - Mean score over last 1 times:67.18837737778115

epoch 433 start, epsilon: 0.001 time: 2020-06-29 14:24:19.540348
부족분 점수: 34.903993231509
추가분 점수: 2.235488926088829
기타 점수: 30.0
[Episode 434] - Mean score over last 1 times:67.13948215759783

epoch 434 start, epsilon: 0.001 time: 2020-06-29 14:24:22.983866
부족분 점수: 34.903993231509
추가분 점수: 1.9718292897600453
기타 점수: 30.0
[Episode 435] - Mean score over last 1 times:66.87582252126904

epoch 435 start, epsilon: 0.001 time: 2020-06-29 14:24:26.404655
부족분 점수: 34.903993231509
추가분 점수: 2.7268951360072835
기타 점수: 30.0
[Episode 436] - Mean score over last 1 times:67.63088836751629

epoch 436 start, epsilon: 0.001 time: 2020-06-29 14:24:29.846707
부족분 점수: 34.903993231509
추가분 점수: 2.3724187678163666
기타 점수: 30.0
[Episode 437] - Mean score over last 1 times:67.27641199932536

epoch 437 start, epsilon: 0.001 time: 2020-06-29 14:24:33.275242
부족분 점수: 35.64890204028591
추가분 점수: 1.9482096155459017
기타 점수: 30.0
[Episode 438] - Mean score over last 1 times:67.59711165583181

epoch 438 start, epsilon: 0.001 time: 2020-06-29 14:24:36.702584
부족분 점수: 36.08353151056363
추가분 점수: 1.5174525503650749
기타 점수: 30.0
[Episode 439] - Mean score over last 1 times:67.60098406092871

epoch 439 start, epsilon: 0.001 time: 2020-06-29 14:24:40.144713
부족분 점수: 36.08353151056363
추가분 점수: 1.530923789040095
기타 점수: 30.0
[Episode 440] - Mean score over last 1 times:67.61445529960372

epoch 440 start, epsilon: 0.001 time: 2020-06-29 14:24:43.571266
부족분 점수: 36.08353151056363
추가분 점수: 1.5174525503650749
기타 점수: 30.0
[Episode 441] - Mean score over last 1 times:67.60098406092871

epoch 441 start, epsilon: 0.001 time: 2020-06-29 14:24:47.013439
부족분 점수: 36.840108224582906
추가분 점수: 1.338137307097853
기타 점수: 30.0
[Episode 442] - Mean score over last 1 times:68.17824553168076

epoch 442 start, epsilon: 0.001 time: 2020-06-29 14:24:50.488981
부족분 점수: 36.840108224582906
추가분 점수: 1.2977543122556323
기타 점수: 30.0
[Episode 443] - Mean score over last 1 times:68.13786253683854

epoch 443 start, epsilon: 0.001 time: 2020-06-29 14:24:53.984341
부족분 점수: 36.840108224582906
추가분 점수: 1.3291667217087855
기타 점수: 30.0
[Episode 444] - Mean score over last 1 times:68.1692749462917

epoch 444 start, epsilon: 0.001 time: 2020-06-29 14:24:57.414495
부족분 점수: 36.81875085827304
추가분 점수: 0
기타 점수: 30.0
[Episode 445] - Mean score over last 1 times:66.81875085827303

epoch 445 start, epsilon: 0.001 time: 2020-06-29 14:25:00.847192
부족분 점수: 36.840108224582906
추가분 점수: 0
기타 점수: 30.0
[Episode 446] - Mean score over last 1 times:66.8401082245829

epoch 446 start, epsilon: 0.001 time: 2020-06-29 14:25:04.262966
부족분 점수: 35.577724131765606
추가분 점수: 0
기타 점수: 30.0
[Episode 447] - Mean score over last 1 times:65.5777241317656

epoch 447 start, epsilon: 0.001 time: 2020-06-29 14:25:07.699755
부족분 점수: 35.589645486766386
추가분 점수: 0
기타 점수: 30.0
[Episode 448] - Mean score over last 1 times:65.58964548676639

epoch 448 start, epsilon: 0.001 time: 2020-06-29 14:25:11.153316
부족분 점수: 35.589645486766386
추가분 점수: 0
기타 점수: 30.0
[Episode 449] - Mean score over last 1 times:65.58964548676639

epoch 449 start, epsilon: 0.001 time: 2020-06-29 14:25:14.639189

부족분 점수: 35.589645486766386

추가분 점수: 0

기타 점수: 30.0

[Episode 450] - Mean score over last 1 times:65.58964548676639

epoch 450 start, epsilon: 0.001 time: 2020-06-29 14:25:18.094494

부족분 점수: 35.589645486766386

추가분 점수: 0

기타 점수: 30.0

[Episode 451] - Mean score over last 1 times:65.58964548676639

epoch 451 start, epsilon: 0.001 time: 2020-06-29 14:25:21.587273

부족분 점수: 35.589645486766386

추가분 점수: 0

기타 점수: 30.0

[Episode 452] - Mean score over last 1 times:65.58964548676639

epoch 452 start, epsilon: 0.001 time: 2020-06-29 14:25:25.051785

부족분 점수: 35.589645486766386

추가분 점수: 0

기타 점수: 30.0

[Episode 453] - Mean score over last 1 times:65.58964548676639

epoch 453 start, epsilon: 0.001 time: 2020-06-29 14:25:28.491497

부족분 점수: 35.589645486766386

추가분 점수: 0

기타 점수: 30.0

[Episode 454] - Mean score over last 1 times:65.58964548676639

epoch 454 start, epsilon: 0.001 time: 2020-06-29 14:25:31.907518

부족분 점수: 35.43122556321913

추가분 점수: 0

기타 점수: 30.0

[Episode 455] - Mean score over last 1 times:65.43122556321913

epoch 455 start, epsilon: 0.001 time: 2020-06-29 14:25:35.336401

부족분 점수: 35.43122556321913

추가분 점수: 0

기타 점수: 30.0

[Episode 456] - Mean score over last 1 times:65.43122556321913

epoch 456 start, epsilon: 0.001 time: 2020-06-29 14:25:38.777687

부족분 점수: 32.68133869397493

추가분 점수: 0.9342317845658621

기타 점수: 30.0

[Episode 457] - Mean score over last 1 times:63.61557047854079

epoch 457 start, epsilon: 0.001 time: 2020-06-29 14:25:42.202657

부족분 점수: 32.68133869397493

추가분 점수: 0.9277692765437928

기타 점수: 30.0

[Episode 458] - Mean score over last 1 times:63.60910797051872

epoch 458 start, epsilon: 0.001 time: 2020-06-29 14:25:45.623818

부족분 점수: 32.68133869397493

추가분 점수: 0.923283983849259

기타 점수: 30.0

[Episode 459] - Mean score over last 1 times:63.60462267782419

epoch 459 start, epsilon: 0.001 time: 2020-06-29 14:25:49.120233

부족분 점수: 32.68133869397493

추가분 점수: 0.9277692765437928

기타 점수: 30.0

[Episode 460] - Mean score over last 1 times:63.60910797051872

epoch 460 start, epsilon: 0.001 time: 2020-06-29 14:25:52.526032

부족분 점수: 32.68133869397493

추가분 점수: 0.9277692765437928

기타 점수: 30.0

[Episode 461] - Mean score over last 1 times:63.60910797051872

epoch 461 start, epsilon: 0.001 time: 2020-06-29 14:25:55.973781

부족분 점수: 32.68133869397493

추가분 점수: 1.8921151933760205

기타 점수: 30.0

[Episode 462] - Mean score over last 1 times:64.57345388735095

epoch 462 start, epsilon: 0.001 time: 2020-06-29 14:25:59.383487

부족분 점수: 32.68133869397493

추가분 점수: 1.229656509526793

기타 점수: 30.0

[Episode 463] - Mean score over last 1 times:63.91099520350172

epoch 463 start, epsilon: 0.001 time: 2020-06-29 14:26:02.780758

부족분 점수: 32.68133869397493

추가분 점수: 1.9782678352594996

기타 점수: 30.0

[Episode 464] - Mean score over last 1 times:64.65960652923442

epoch 464 start, epsilon: 0.001 time: 2020-06-29 14:26:06.243902

부족분 점수: 32.68133869397493

추가분 점수: 1.439833024227033

기타 점수: 30.0

[Episode 465] - Mean score over last 1 times:64.12117171820196

epoch 465 start, epsilon: 0.001 time: 2020-06-29 14:26:09.764267

부족분 점수: 32.68133869397493

추가분 점수: 1.6982891066064987

기타 점수: 30.0

[Episode 466] - Mean score over last 1 times:64.37962780058143

epoch 466 start, epsilon: 0.001 time: 2020-06-29 14:26:13.189835

부족분 점수: 32.68133869397493

추가분 점수: 1.6783670339588874

기타 점수: 30.0

[Episode 467] - Mean score over last 1 times:64.35970572793381

epoch 467 start, epsilon: 0.001 time: 2020-06-29 14:26:16.620134

부족분 점수: 32.68133869397493

추가분 점수: 1.7160508656768503

기타 점수: 30.0

[Episode 468] - Mean score over last 1 times:64.39738955965177

epoch 468 start, epsilon: 0.001 time: 2020-06-29 14:26:20.073281

부족분 점수: 25.162319977708712

추가분 점수: 0.9477570925226786

기타 점수: 30.0

[Episode 469] - Mean score over last 1 times:56.11007707023139

epoch 469 start, epsilon: 0.001 time: 2020-06-29 14:26:23.508545

부족분 점수: 25.03395765945139

추가분 점수: 1.5421062995935886

기타 점수: 30.0

[Episode 470] - Mean score over last 1 times:56.57606395904497

epoch 470 start, epsilon: 0.001 time: 2020-06-29 14:26:27.004568

부족분 점수: 25.03395765945139

추가분 점수: 0

기타 점수: 30.0

[Episode 471] - Mean score over last 1 times:55.03395765945139

epoch 471 start, epsilon: 0.001 time: 2020-06-29 14:26:30.453930

부족분 점수: 25.044882112069033

추가분 점수: 1.678564878376374

기타 점수: 30.0

[Episode 472] - Mean score over last 1 times:56.72344699044541

epoch 472 start, epsilon: 0.001 time: 2020-06-29 14:26:33.869876

부족분 점수: 25.03395765945139

추가분 점수: 1.6487647165986252

기타 점수: 30.0

[Episode 473] - Mean score over last 1 times:56.68272237605001

epoch 473 start, epsilon: 0.001 time: 2020-06-29 14:26:37.309641

부족분 점수: 25.03395765945139

추가분 점수: 1.642667176228687

기타 점수: 30.0

[Episode 474] - Mean score over last 1 times:56.67662483568007

epoch 474 start, epsilon: 0.001 time: 2020-06-29 14:26:40.727810

부족분 점수: 25.03395765945139

추가분 점수: 1.8708137396189284

기타 점수: 30.0

[Episode 475] - Mean score over last 1 times:56.90477139907031

epoch 475 start, epsilon: 0.001 time: 2020-06-29 14:26:44.142543

부족분 점수: 25.03395765945139

추가분 점수: 0

기타 점수: 30.0

[Episode 476] - Mean score over last 1 times:55.03395765945139

epoch 476 start, epsilon: 0.001 time: 2020-06-29 14:26:47.615228

부족분 점수: 25.03395765945139

추가분 점수: 1.7227529989250656

기타 점수: 30.0

[Episode 477] - Mean score over last 1 times:56.756710658376456

epoch 477 start, epsilon: 0.001 time: 2020-06-29 14:26:51.083157

부족분 점수: 25.03395765945139

추가분 점수: 1.7227529989250656

기타 점수: 30.0

[Episode 478] - Mean score over last 1 times:56.756710658376456

epoch 478 start, epsilon: 0.001 time: 2020-06-29 14:26:54.485356

부족분 점수: 25.03395765945139

추가분 점수: 1.9919627241455906

기타 점수: 30.0

[Episode 479] - Mean score over last 1 times:57.02592038359698

epoch 479 start, epsilon: 0.001 time: 2020-06-29 14:26:57.970430

부족분 점수: 25.03395765945139

추가분 점수: 0.6051741230561558

기타 점수: 30.0

[Episode 480] - Mean score over last 1 times:55.63913178250755

epoch 480 start, epsilon: 0.001 time: 2020-06-29 14:27:01.376651

부족분 점수: 25.03395765945139

추가분 점수: 1.3924105775490214

기타 점수: 30.0

[Episode 481] - Mean score over last 1 times:56.42636823700041

epoch 481 start, epsilon: 0.001 time: 2020-06-29 14:27:04.796153

부족분 점수: 25.03395765945139

추가분 점수: 1.4225812367918111

기타 점수: 30.0

[Episode 482] - Mean score over last 1 times:56.4565388962432

epoch 482 start, epsilon: 0.001 time: 2020-06-29 14:27:08.247166

부족분 점수: 33.25057302686291

추가분 점수: 2.8875491039706214

기타 점수: 30.0

[Episode 483] - Mean score over last 1 times:66.13812213083352

epoch 483 start, epsilon: 0.001 time: 2020-06-29 14:27:11.676559

부족분 점수: 32.87832752651776

추가분 점수: 3.8448051862272026

기타 점수: 30.0

[Episode 484] - Mean score over last 1 times:66.72313271274496

epoch 484 start, epsilon: 0.001 time: 2020-06-29 14:27:15.089281

부족분 점수: 32.513089527978245

추가분 점수: 3.8618302513330693

기타 점수: 30.0

[Episode 485] - Mean score over last 1 times:66.37491977931131

epoch 485 start, epsilon: 0.001 time: 2020-06-29 14:27:18.587389

부족분 점수: 32.514889789292624

추가분 점수: 3.8580497025728677

기타 점수: 30.0

[Episode 486] - Mean score over last 1 times:66.3729394918655

epoch 486 start, epsilon: 0.001 time: 2020-06-29 14:27:22.000958

부족분 점수: 32.52027214052606

추가분 점수: 3.8550046189298404

기타 점수: 30.0

[Episode 487] - Mean score over last 1 times:66.3752767594559

epoch 487 start, epsilon: 0.001 time: 2020-06-29 14:27:25.426015

부족분 점수: 31.863353407578245

추가분 점수: 3.7977556947088598

기타 점수: 30.0

[Episode 488] - Mean score over last 1 times:65.6611091022871

epoch 488 start, epsilon: 0.001 time: 2020-06-29 14:27:28.885455

부족분 점수: 31.86529498633368

추가분 점수: 3.8165939240258995

기타 점수: 30.0

[Episode 489] - Mean score over last 1 times:65.68188891035959

epoch 489 start, epsilon: 0.001 time: 2020-06-29 14:27:32.321479

부족분 점수: 31.863353407578245

추가분 점수: 3.8044652010409563

기타 점수: 30.0

[Episode 490] - Mean score over last 1 times:65.6678186086192

epoch 490 start, epsilon: 0.001 time: 2020-06-29 14:27:35.788577

부족분 점수: 31.863353407578245

추가분 점수: 3.7977556947088598

기타 점수: 30.0

[Episode 491] - Mean score over last 1 times:65.6611091022871

epoch 491 start, epsilon: 0.001 time: 2020-06-29 14:27:39.217233

부족분 점수: 24.32234600469481

추가분 점수: 3.850514410846053

기타 점수: 30.0

[Episode 492] - Mean score over last 1 times:58.17286041554087

epoch 492 start, epsilon: 0.001 time: 2020-06-29 14:27:42.663875

부족분 점수: 24.30903912434798

추가분 점수: 3.8354438273924196

기타 점수: 30.0

[Episode 493] - Mean score over last 1 times:58.1444829517404

epoch 493 start, epsilon: 0.001 time: 2020-06-29 14:27:46.176677

부족분 점수: 24.29468004348891

추가분 점수: 3.8728235194002725

기타 점수: 30.0

[Episode 494] - Mean score over last 1 times:58.16750356288918

epoch 494 start, epsilon: 0.001 time: 2020-06-29 14:27:49.594073

부족분 점수: 24.292885926411095

추가분 점수: 3.869365543059886

기타 점수: 30.0

[Episode 495] - Mean score over last 1 times:58.16225146947098

epoch 495 start, epsilon: 0.001 time: 2020-06-29 14:27:52.979017

부족분 점수: 25.03395765945139

추가분 점수: 3.3031133153901138

기타 점수: 30.0

[Episode 496] - Mean score over last 1 times:58.3370709748415

epoch 496 start, epsilon: 0.001 time: 2020-06-29 14:27:56.364199

부족분 점수: 24.29647416056672

추가분 점수: 3.8618302513330693

기타 점수: 30.0

[Episode 497] - Mean score over last 1 times:58.15830441189979

epoch 497 start, epsilon: 0.001 time: 2020-06-29 14:27:59.782498

부족분 점수: 24.282121223944213

추가분 점수: 3.891971418240334

기타 점수: 30.0

[Episode 498] - Mean score over last 1 times:58.17409264218455

epoch 498 start, epsilon: 0.001 time: 2020-06-29 14:28:03.247554

부족분 점수: 24.292885926411095

추가분 점수: 5.2724062642949505

기타 점수: 30.0

[Episode 499] - Mean score over last 1 times:59.565292190706046

epoch 499 start, epsilon: 0.001 time: 2020-06-29 14:28:06.778225

부족분 점수: 24.29647416056672

추가분 점수: 5.248618852422505

기타 점수: 30.0

[Episode 500] - Mean score over last 1 times:59.54509301298923

epoch 500 start, epsilon: 0.001 time: 2020-06-29 14:28:10.184825
부족분 점수: 24.402370077813686
추가분 점수: 5.026237426203879
기타 점수: 30.0

[Episode 501] - Mean score over last 1 times:59.42860750401756

epoch 501 start, epsilon: 0.001 time: 2020-06-29 14:28:13.621096
부족분 점수: 24.230147126816735
추가분 점수: 5.424149860387583
기타 점수: 30.0

[Episode 502] - Mean score over last 1 times:59.65429698720432

epoch 502 start, epsilon: 0.001 time: 2020-06-29 14:28:17.019509
부족분 점수: 25.03395765945139
추가분 점수: 3.0536413357201653
기타 점수: 30.0

[Episode 503] - Mean score over last 1 times:58.087598995171554

epoch 503 start, epsilon: 0.001 time: 2020-06-29 14:28:20.458093
부족분 점수: 25.03395765945139
추가분 점수: 3.0536413357201653
기타 점수: 30.0

[Episode 504] - Mean score over last 1 times:58.087598995171554

epoch 504 start, epsilon: 0.001 time: 2020-06-29 14:28:23.873162
부족분 점수: 28.77249520211927
추가분 점수: 2.492987736411023
기타 점수: 30.0

[Episode 505] - Mean score over last 1 times:61.2654829385303

epoch 505 start, epsilon: 0.001 time: 2020-06-29 14:28:27.294728
부족분 점수: 28.77249520211927
추가분 점수: 2.4885024437164893
기타 점수: 30.0

[Episode 506] - Mean score over last 1 times:61.26099764583576

epoch 506 start, epsilon: 0.001 time: 2020-06-29 14:28:30.745915
부족분 점수: 28.77249520211927
추가분 점수: 2.3090139329780524
기타 점수: 30.0

[Episode 507] - Mean score over last 1 times:61.08150913509732

epoch 507 start, epsilon: 0.001 time: 2020-06-29 14:28:34.201099
부족분 점수: 30.173129225890705
추가분 점수: 1.002564297131594
기타 점수: 30.0

[Episode 508] - Mean score over last 1 times:61.175693523022304

epoch 508 start, epsilon: 0.001 time: 2020-06-29 14:28:37.639296
부족분 점수: 30.173129225890705
추가분 점수: 0.9361518584933171
기타 점수: 30.0

[Episode 509] - Mean score over last 1 times:61.10928108438402

epoch 509 start, epsilon: 0.001 time: 2020-06-29 14:28:41.073877
부족분 점수: 30.173129225890705
추가분 점수: 0.9675642679464702
기타 점수: 30.0

[Episode 510] - Mean score over last 1 times:61.140693493837176

epoch 510 start, epsilon: 0.001 time: 2020-06-29 14:28:44.540412

부족분 점수: 30.173129225890705

추가분 점수: 1.0528155503254455

기타 점수: 30.0

[Episode 511] - Mean score over last 1 times:61.22594477621615

epoch 511 start, epsilon: 0.001 time: 2020-06-29 14:28:47.960757

부족분 점수: 30.173129225890705

추가분 점수: 0.5861761435883506

기타 점수: 30.0

[Episode 512] - Mean score over last 1 times:60.75930536947905

epoch 512 start, epsilon: 0.001 time: 2020-06-29 14:28:51.359914

부족분 점수: 30.173129225890705

추가분 점수: 0.4246441642194676

기타 점수: 30.0

[Episode 513] - Mean score over last 1 times:60.59777339011018

epoch 513 start, epsilon: 0.001 time: 2020-06-29 14:28:54.789170

부족분 점수: 30.173129225890705

추가분 점수: 0.4425853349976028

기타 점수: 30.0

[Episode 514] - Mean score over last 1 times:60.61571456088831

epoch 514 start, epsilon: 0.001 time: 2020-06-29 14:28:58.225692

부족분 점수: 30.173129225890705

추가분 점수: 0.4246441642194676

기타 점수: 30.0

[Episode 515] - Mean score over last 1 times:60.59777339011018

epoch 515 start, epsilon: 0.001 time: 2020-06-29 14:29:01.669811

부족분 점수: 30.395396983732827

추가분 점수: 0.2733466397016615

기타 점수: 30.0

[Episode 516] - Mean score over last 1 times:60.66874362343449

epoch 516 start, epsilon: 0.001 time: 2020-06-29 14:29:05.133381

부족분 점수: 30.173129225890705

추가분 점수: 0.5604981501239759

기타 점수: 30.0

[Episode 517] - Mean score over last 1 times:60.73362737601468

epoch 517 start, epsilon: 0.001 time: 2020-06-29 14:29:08.571814

부족분 점수: 30.1397967425101

추가분 점수: 0.5548903054084953

기타 점수: 30.0

[Episode 518] - Mean score over last 1 times:60.69468704791859

epoch 518 start, epsilon: 0.001 time: 2020-06-29 14:29:12.044082

부족분 점수: 30.173129225890705

추가분 점수: 0.4503012672795137

기타 점수: 30.0

[Episode 519] - Mean score over last 1 times:60.62343049317022

epoch 519 start, epsilon: 0.001 time: 2020-06-29 14:29:15.465922

부족분 점수: 30.173129225890705

추가분 점수: 0.4188885782636054

기타 점수: 30.0

[Episode 520] - Mean score over last 1 times:60.592018083717065

epoch 520 start, epsilon: 0.001 time: 2020-06-29 14:29:18.921396
부족분 점수: 30.173129225890705
추가분 점수: 0.7089404479087014
기타 점수: 30.0
[Episode 521] - Mean score over last 1 times:60.88206967379941

epoch 521 start, epsilon: 0.001 time: 2020-06-29 14:29:22.380188
부족분 점수: 31.64671069831399
추가분 점수: 0.5337682633591823
기타 점수: 30.0
[Episode 522] - Mean score over last 1 times:62.180478961673174

epoch 522 start, epsilon: 0.001 time: 2020-06-29 14:29:25.847670
부족분 점수: 31.64671069831399
추가분 점수: 0.4136810029114457
기타 점수: 30.0
[Episode 523] - Mean score over last 1 times:62.060391701225434

epoch 523 start, epsilon: 0.001 time: 2020-06-29 14:29:29.295853
부족분 점수: 31.64671069831399
추가분 점수: 0.4695124517562214
기타 점수: 30.0
[Episode 524] - Mean score over last 1 times:62.11622315007021

epoch 524 start, epsilon: 0.001 time: 2020-06-29 14:29:32.717839
부족분 점수: 31.64671069831399
추가분 점수: 0.45155592038666814
기타 점수: 30.0
[Episode 525] - Mean score over last 1 times:62.098266618700656

epoch 525 start, epsilon: 0.001 time: 2020-06-29 14:29:36.236577
부족분 점수: 31.63123336639957
추가분 점수: 0.432183142488225
기타 점수: 30.0
[Episode 526] - Mean score over last 1 times:62.0634165088878

epoch 526 start, epsilon: 0.001 time: 2020-06-29 14:29:39.684056
부족분 점수: 25.123219592250027
추가분 점수: 0
기타 점수: 30.0
[Episode 527] - Mean score over last 1 times:55.123219592250024

epoch 527 start, epsilon: 0.001 time: 2020-06-29 14:29:43.054877
부족분 점수: 25.125267159086263
추가분 점수: 0
기타 점수: 30.0
[Episode 528] - Mean score over last 1 times:55.12526715908626

epoch 528 start, epsilon: 0.001 time: 2020-06-29 14:29:46.491640
부족분 점수: 35.95263623078121
추가분 점수: 0
기타 점수: 30.0
[Episode 529] - Mean score over last 1 times:65.95263623078121

epoch 529 start, epsilon: 0.001 time: 2020-06-29 14:29:49.964229
부족분 점수: 35.95263623078121
추가분 점수: 0.1537361720115893
기타 점수: 30.0
[Episode 530] - Mean score over last 1 times:66.1063724027928

epoch 530 start, epsilon: 0.001 time: 2020-06-29 14:29:53.390595
부족분 점수: 35.95263623078121
추가분 점수: 0.1537361720115893
기타 점수: 30.0
[Episode 531] - Mean score over last 1 times:66.1063724027928

epoch 531 start, epsilon: 0.001 time: 2020-06-29 14:29:56.877158
부족분 점수: 35.9094422477092
추가분 점수: 0.15555486603567426
기타 점수: 30.0
[Episode 532] - Mean score over last 1 times:66.06499711374488

epoch 532 start, epsilon: 0.001 time: 2020-06-29 14:30:00.296532
부족분 점수: 35.95263623078121
추가분 점수: 0.21152148808494253
기타 점수: 30.0
[Episode 533] - Mean score over last 1 times:66.16415771886615

epoch 533 start, epsilon: 0.001 time: 2020-06-29 14:30:03.749225
부족분 점수: 35.95263623078121
추가분 점수: 0.19860445954834383
기타 점수: 30.0
[Episode 534] - Mean score over last 1 times:66.15124069032956

epoch 534 start, epsilon: 0.001 time: 2020-06-29 14:30:07.236328
부족분 점수: 35.95263623078121
추가분 점수: 0.15427440713493334
기타 점수: 30.0
[Episode 535] - Mean score over last 1 times:66.10691063791614

epoch 535 start, epsilon: 0.001 time: 2020-06-29 14:30:10.683627
부족분 점수: 35.95263623078121
추가분 점수: 0.21708570872079225
기타 점수: 30.0
[Episode 536] - Mean score over last 1 times:66.16972193950201

epoch 536 start, epsilon: 0.001 time: 2020-06-29 14:30:14.101075
부족분 점수: 35.95263623078121
추가분 점수: 0.19465924524812328
기타 점수: 30.0
[Episode 537] - Mean score over last 1 times:66.14729547602934

epoch 537 start, epsilon: 0.001 time: 2020-06-29 14:30:17.521198
부족분 점수: 35.71662995997337
추가분 점수: 0.1312365921237646
기타 점수: 30.0
[Episode 538] - Mean score over last 1 times:65.84786655209713

epoch 538 start, epsilon: 0.001 time: 2020-06-29 14:30:20.955700
부족분 점수: 35.73845428826239
추가분 점수: 0.2123607908001124
기타 점수: 30.0
[Episode 539] - Mean score over last 1 times:65.9508150790625

epoch 539 start, epsilon: 0.001 time: 2020-06-29 14:30:24.373759
부족분 점수: 35.73845428826239
추가분 점수: 0.16749250326335785
기타 점수: 30.0
[Episode 540] - Mean score over last 1 times:65.90594679152575

epoch 540 start, epsilon: 0.001 time: 2020-06-29 14:30:27.824405

부족분 점수: 35.73845428826239
추가분 점수: 0.17316977785205578
기타 점수: 30.0
[Episode 541] - Mean score over last 1 times:65.91162406611444

epoch 541 start, epsilon: 0.001 time: 2020-06-29 14:30:31.278670
부족분 점수: 35.73845428826239
추가분 점수: 0
기타 점수: 30.0
[Episode 542] - Mean score over last 1 times:65.73845428826239

epoch 542 start, epsilon: 0.001 time: 2020-06-29 14:30:34.749376
부족분 점수: 35.73845428826239
추가분 점수: 0.14953597189380385
기타 점수: 30.0
[Episode 543] - Mean score over last 1 times:65.88799026015619

epoch 543 start, epsilon: 0.001 time: 2020-06-29 14:30:38.190392
부족분 점수: 35.73845428826239
추가분 점수: 0.5501377384232597
기타 점수: 30.0
[Episode 544] - Mean score over last 1 times:66.28859202668565

epoch 544 start, epsilon: 0.001 time: 2020-06-29 14:30:41.602374
부족분 점수: 35.73299206195357
추가분 점수: 0.6542733318935334
기타 점수: 30.0
[Episode 545] - Mean score over last 1 times:66.3872653938471

epoch 545 start, epsilon: 0.001 time: 2020-06-29 14:30:45.050508
부족분 점수: 39.074530511203555
추가분 점수: 2.1372130910333165
기타 점수: 30.0
[Episode 546] - Mean score over last 1 times:71.21174360223688

epoch 546 start, epsilon: 0.001 time: 2020-06-29 14:30:48.491380
부족분 점수: 39.00464442842164
추가분 점수: 2.4845412544011936
기타 점수: 30.0
[Episode 547] - Mean score over last 1 times:71.48918568282284

epoch 547 start, epsilon: 0.001 time: 2020-06-29 14:30:51.976948
부족분 점수: 38.92477856939439
추가분 점수: 2.8368480926600026
기타 점수: 30.0
[Episode 548] - Mean score over last 1 times:71.7616266620544

epoch 548 start, epsilon: 0.001 time: 2020-06-29 14:30:55.417816
부족분 점수: 38.18350407654736
추가분 점수: 4.760468473461352
기타 점수: 30.0
[Episode 549] - Mean score over last 1 times:72.94397255000871

epoch 549 start, epsilon: 0.001 time: 2020-06-29 14:30:58.917618
부족분 점수: 38.187540839972435
추가분 점수: 4.805648888215755
기타 점수: 30.0
[Episode 550] - Mean score over last 1 times:72.99318972818818

epoch 550 start, epsilon: 0.001 time: 2020-06-29 14:31:02.390854

부족분 점수: 38.18484966435572

추가분 점수: 4.879566511821665

기타 점수: 30.0

[Episode 551] - Mean score over last 1 times:73.06441617617739

epoch 551 start, epsilon: 0.001 time: 2020-06-29 14:31:05.842282

부족분 점수: 38.18484966435572

추가분 점수: 4.879566511821665

기타 점수: 30.0

[Episode 552] - Mean score over last 1 times:73.06441617617739

epoch 552 start, epsilon: 0.001 time: 2020-06-29 14:31:09.267945

부족분 점수: 38.32349589856848

추가분 점수: 4.472870891464211

기타 점수: 30.0

[Episode 553] - Mean score over last 1 times:72.79636679003269

epoch 553 start, epsilon: 0.001 time: 2020-06-29 14:31:12.721744

부족분 점수: 37.91355397082041

추가분 점수: 5.538325136409732

기타 점수: 30.0

[Episode 554] - Mean score over last 1 times:73.45187910723014

epoch 554 start, epsilon: 0.001 time: 2020-06-29 14:31:16.144872

부족분 점수: 37.85791790869849

추가분 점수: 5.65516086686576

기타 점수: 30.0

[Episode 555] - Mean score over last 1 times:73.51307877556425

epoch 555 start, epsilon: 0.001 time: 2020-06-29 14:31:19.540976

부족분 점수: 37.905203953324694

추가분 점수: 5.65516086686576

기타 점수: 30.0

[Episode 556] - Mean score over last 1 times:73.56036482019046

epoch 556 start, epsilon: 0.001 time: 2020-06-29 14:31:22.923760

부족분 점수: 36.352254305036155

추가분 점수: 5.047050413153828

기타 점수: 30.0

[Episode 557] - Mean score over last 1 times:71.39930471818998

epoch 557 start, epsilon: 0.001 time: 2020-06-29 14:31:26.432066

부족분 점수: 36.359074407626466

추가분 점수: 5.071823974995415

기타 점수: 30.0

[Episode 558] - Mean score over last 1 times:71.43089838262188

epoch 558 start, epsilon: 0.001 time: 2020-06-29 14:31:29.853755

부족분 점수: 36.4735968330147

추가분 점수: 5.03520924044026

기타 점수: 30.0

[Episode 559] - Mean score over last 1 times:71.50880607345496

epoch 559 start, epsilon: 0.001 time: 2020-06-29 14:31:33.329269

부족분 점수: 36.36041999543483

추가분 점수: 5.043103355582639

기타 점수: 30.0

[Episode 560] - Mean score over last 1 times:71.40352335101747

epoch 560 start, epsilon: 0.001 time: 2020-06-29 14:31:36.744438

부족분 점수: 36.34692417981354

추가분 점수: 5.479699288773896

기타 점수: 30.0

[Episode 561] - Mean score over last 1 times:71.82662346858743

epoch 561 start, epsilon: 0.001 time: 2020-06-29 14:31:40.147823

부족분 점수: 35.590362826385686

추가분 점수: 5.4876069212367256

기타 점수: 30.0

[Episode 562] - Mean score over last 1 times:71.0779697476224

epoch 562 start, epsilon: 0.001 time: 2020-06-29 14:31:43.571794

부족분 점수: 35.59650706295354

추가분 점수: 5.487891399389815

기타 점수: 30.0

[Episode 563] - Mean score over last 1 times:71.08439846234336

epoch 563 start, epsilon: 0.001 time: 2020-06-29 14:31:46.984335

부족분 점수: 27.180024288167154

추가분 점수: 5.479699288773896

기타 점수: 30.0

[Episode 564] - Mean score over last 1 times:62.65972357694105

epoch 564 start, epsilon: 0.001 time: 2020-06-29 14:31:50.447140

부족분 점수: 27.180024288167154

추가분 점수: 5.479699288773896

기타 점수: 30.0

[Episode 565] - Mean score over last 1 times:62.65972357694105

epoch 565 start, epsilon: 0.001 time: 2020-06-29 14:31:53.902433

부족분 점수: 25.03395765945139

추가분 점수: 3.455046153969039

기타 점수: 30.0

[Episode 566] - Mean score over last 1 times:58.489003813420425

epoch 566 start, epsilon: 0.001 time: 2020-06-29 14:31:57.335353

부족분 점수: 27.180024288167154

추가분 점수: 5.479699288773896

기타 점수: 30.0

[Episode 567] - Mean score over last 1 times:62.65972357694105

epoch 567 start, epsilon: 0.001 time: 2020-06-29 14:32:00.777977

부족분 점수: 27.19213918661982

추가분 점수: 5.444162253312741

기타 점수: 30.0

[Episode 568] - Mean score over last 1 times:62.63630143993256

epoch 568 start, epsilon: 0.001 time: 2020-06-29 14:32:04.257027

부족분 점수: 27.06397501999181

추가분 점수: 5.771069432023699

기타 점수: 30.0

[Episode 569] - Mean score over last 1 times:62.83504445201551

epoch 569 start, epsilon: 0.001 time: 2020-06-29 14:32:07.839837

부족분 점수: 27.064071791717755

추가분 점수: 5.752218299809866

기타 점수: 30.0

[Episode 570] - Mean score over last 1 times:62.81629009152762

epoch 570 start, epsilon: 0.001 time: 2020-06-29 14:32:11.314552

부족분 점수: 27.071157632539634

추가분 점수: 5.755985945673274

기타 점수: 30.0

[Episode 571] - Mean score over last 1 times:62.82714357821291

epoch 571 start, epsilon: 0.001 time: 2020-06-29 14:32:14.749280

부족분 점수: 27.071157632539634

추가분 점수: 5.755985945673274

기타 점수: 30.0

[Episode 572] - Mean score over last 1 times:62.82714357821291

epoch 572 start, epsilon: 0.001 time: 2020-06-29 14:32:18.189993

부족분 점수: 26.8149859773161

추가분 점수: 6.268568881346496

기타 점수: 30.0

[Episode 573] - Mean score over last 1 times:63.083554858662595

epoch 573 start, epsilon: 0.001 time: 2020-06-29 14:32:21.622380

부족분 점수: 26.87277866647333

추가분 점수: 6.132882018676636

기타 점수: 30.0

[Episode 574] - Mean score over last 1 times:63.00566068514996

epoch 574 start, epsilon: 0.001 time: 2020-06-29 14:32:25.008313

부족분 점수: 26.886581693923013

추가분 점수: 6.0689026977192295

기타 점수: 30.0

[Episode 575] - Mean score over last 1 times:62.955484391642244

epoch 575 start, epsilon: 0.001 time: 2020-06-29 14:32:28.426918

부족분 점수: 26.877325401533536

추가분 점수: 6.132882018676636

기타 점수: 30.0

[Episode 576] - Mean score over last 1 times:63.01020742021017

epoch 576 start, epsilon: 0.001 time: 2020-06-29 14:32:31.863354

부족분 점수: 26.07377292683474

추가분 점수: 8.143685429833894

기타 점수: 30.0

[Episode 577] - Mean score over last 1 times:64.21745835666863

epoch 577 start, epsilon: 0.001 time: 2020-06-29 14:32:35.282738

부족분 점수: 26.07825975558842

추가분 점수: 8.10061187379861

기타 점수: 30.0

[Episode 578] - Mean score over last 1 times:64.17887162938703

epoch 578 start, epsilon: 0.001 time: 2020-06-29 14:32:38.679363

부족분 점수: 26.165082426469617

추가분 점수: 8.140607781737055

기타 점수: 30.0

[Episode 579] - Mean score over last 1 times:64.30569020820667

epoch 579 start, epsilon: 0.001 time: 2020-06-29 14:32:42.144834

부족분 점수: 26.16463389720016

추가분 점수: 8.144913662723807

기타 점수: 30.0

[Episode 580] - Mean score over last 1 times:64.30954755992397

epoch 580 start, epsilon: 0.001 time: 2020-06-29 14:32:45.571923

부족분 점수: 25.532195338797813

추가분 점수: 5.834951059619677

기타 점수: 30.0

[Episode 581] - Mean score over last 1 times:61.36714639841749

epoch 581 start, epsilon: 0.001 time: 2020-06-29 14:32:49.075497

부족분 점수: 26.186186343021056

추가분 점수: 6.964486619849632

기타 점수: 30.0

[Episode 582] - Mean score over last 1 times:63.150672962870686

epoch 582 start, epsilon: 0.001 time: 2020-06-29 14:32:52.515111

부족분 점수: 26.186186343021056

추가분 점수: 6.995899029302786

기타 점수: 30.0

[Episode 583] - Mean score over last 1 times:63.18208537232384

epoch 583 start, epsilon: 0.001 time: 2020-06-29 14:32:55.947037

부족분 점수: 26.186186343021056

추가분 점수: 6.964486619849632

기타 점수: 30.0

[Episode 584] - Mean score over last 1 times:63.150672962870686

epoch 584 start, epsilon: 0.001 time: 2020-06-29 14:32:59.397187

부족분 점수: 26.186186343021056

추가분 점수: 5.750487468368702

기타 점수: 30.0

[Episode 585] - Mean score over last 1 times:61.93667381138976

epoch 585 start, epsilon: 0.001 time: 2020-06-29 14:33:02.830513

부족분 점수: 26.186186343021056

추가분 점수: 5.723575712201501

기타 점수: 30.0

[Episode 586] - Mean score over last 1 times:61.90976205522256

epoch 586 start, epsilon: 0.001 time: 2020-06-29 14:33:06.274646

부족분 점수: 31.4347299285456

추가분 점수: 0.49308481534879434

기타 점수: 30.0

[Episode 587] - Mean score over last 1 times:61.927814743894395

epoch 587 start, epsilon: 0.001 time: 2020-06-29 14:33:09.709038

부족분 점수: 26.2223021655669

추가분 점수: 5.044731578273119

기타 점수: 30.0

[Episode 588] - Mean score over last 1 times:61.26703374384002

epoch 588 start, epsilon: 0.001 time: 2020-06-29 14:33:13.138601

부족분 점수: 26.202099915731793

추가분 점수: 5.053760533909582

기타 점수: 30.0

[Episode 589] - Mean score over last 1 times:61.255860449641375

epoch 589 start, epsilon: 0.001 time: 2020-06-29 14:33:16.586968

부족분 점수: 26.186186343021056

추가분 점수: 5.053760533909582

기타 점수: 30.0

[Episode 590] - Mean score over last 1 times:61.23994687693064

epoch 590 start, epsilon: 0.001 time: 2020-06-29 14:33:20.067026

부족분 점수: 24.131702632467437

추가분 점수: 4.220756890070083

기타 점수: 30.0

[Episode 591] - Mean score over last 1 times:58.35245952253752

epoch 591 start, epsilon: 0.001 time: 2020-06-29 14:33:23.489595
부족분 점수: 24.131702632467437
추가분 점수: 4.261139884912303
기타 점수: 30.0
[Episode 592] - Mean score over last 1 times:58.39284251737974

epoch 592 start, epsilon: 0.001 time: 2020-06-29 14:33:26.962642
부족분 점수: 24.131702632467437
추가분 점수: 3.9156494627018734
기타 점수: 30.0
[Episode 593] - Mean score over last 1 times:58.04735209516931

epoch 593 start, epsilon: 0.001 time: 2020-06-29 14:33:30.365763
부족분 점수: 24.131702632467437
추가분 점수: 3.9156494627018734
기타 점수: 30.0
[Episode 594] - Mean score over last 1 times:58.04735209516931

epoch 594 start, epsilon: 0.001 time: 2020-06-29 14:33:33.807412
부족분 점수: 24.131702632467437
추가분 점수: 3.9156494627018734
기타 점수: 30.0
[Episode 595] - Mean score over last 1 times:58.04735209516931

epoch 595 start, epsilon: 0.001 time: 2020-06-29 14:33:37.234025
부족분 점수: 24.131702632467437
추가분 점수: 3.9206729905197513
기타 점수: 30.0
[Episode 596] - Mean score over last 1 times:58.052375622987185

epoch 596 start, epsilon: 0.001 time: 2020-06-29 14:33:40.686934
부족분 점수: 24.131702632467437
추가분 점수: 3.3786401145531464
기타 점수: 30.0
[Episode 597] - Mean score over last 1 times:57.51034274702059

epoch 597 start, epsilon: 0.001 time: 2020-06-29 14:33:44.147376
부족분 점수: 24.131702632467437
추가분 점수: 3.39516503880239
기타 점수: 30.0
[Episode 598] - Mean score over last 1 times:57.52686767126983

epoch 598 start, epsilon: 0.001 time: 2020-06-29 14:33:47.545724
부족분 점수: 24.131702632467437
추가분 점수: 3.387626060533633
기타 점수: 30.0
[Episode 599] - Mean score over last 1 times:57.51932869300107

epoch 599 start, epsilon: 0.001 time: 2020-06-29 14:33:50.976556
부족분 점수: 24.131702632467437
추가분 점수: 3.3786517886026246
기타 점수: 30.0
[Episode 600] - Mean score over last 1 times:57.51035442107006

epoch 600 start, epsilon: 0.001 time: 2020-06-29 14:33:54.427479
부족분 점수: 24.131702632467437
추가분 점수: 3.3786517886026246
기타 점수: 30.0
[Episode 601] - Mean score over last 1 times:57.51035442107006

epoch 601 start, epsilon: 0.001 time: 2020-06-29 14:33:57.806420
부족분 점수: 24.131702632467437
추가분 점수: 3.3786517886026246
기타 점수: 30.0
[Episode 602] - Mean score over last 1 times:57.51035442107006

epoch 602 start, epsilon: 0.001 time: 2020-06-29 14:34:01.222516
부족분 점수: 24.100744896520304
추가분 점수: 3.382406531569242
기타 점수: 30.0
[Episode 603] - Mean score over last 1 times:57.48315142808954

epoch 603 start, epsilon: 0.001 time: 2020-06-29 14:34:04.662932
부족분 점수: 24.19535231513298
추가분 점수: 3.394701148941517
기타 점수: 30.0
[Episode 604] - Mean score over last 1 times:57.5900534640745

epoch 604 start, epsilon: 0.001 time: 2020-06-29 14:34:08.150700
부족분 점수: 24.19535231513298
추가분 점수: 3.354318154099296
기타 점수: 30.0
[Episode 605] - Mean score over last 1 times:57.549670469232275

epoch 605 start, epsilon: 0.001 time: 2020-06-29 14:34:11.609054
부족분 점수: 24.19535231513298
추가분 점수: 3.3318916906266294
기타 점수: 30.0
[Episode 606] - Mean score over last 1 times:57.52724400575961

epoch 606 start, epsilon: 0.001 time: 2020-06-29 14:34:15.048398
부족분 점수: 24.19535231513298
추가분 점수: 2.9415176202880233
기타 점수: 30.0
[Episode 607] - Mean score over last 1 times:57.136869935421004

epoch 607 start, epsilon: 0.001 time: 2020-06-29 14:34:18.488701
부족분 점수: 24.19535231513298
추가분 점수: 2.9190757962239355
기타 점수: 30.0
[Episode 608] - Mean score over last 1 times:57.114428111356915

epoch 608 start, epsilon: 0.001 time: 2020-06-29 14:34:21.965820
부족분 점수: 24.19535231513298
추가분 점수: 2.963959444352111
기타 점수: 30.0
[Episode 609] - Mean score over last 1 times:57.15931175948509

epoch 609 start, epsilon: 0.001 time: 2020-06-29 14:34:25.401165
부족분 점수: 24.198570359035394
추가분 점수: 2.9170162481263917
기타 점수: 30.0
[Episode 610] - Mean score over last 1 times:57.11558660716179

epoch 610 start, epsilon: 0.001 time: 2020-06-29 14:34:29.222121
부족분 점수: 24.19535231513298
추가분 점수: 2.9190757962239355
기타 점수: 30.0
[Episode 611] - Mean score over last 1 times:57.114428111356915

epoch 611 start, epsilon: 0.001 time: 2020-06-29 14:34:32.696964
부족분 점수: 24.19535231513298
추가분 점수: 2.914590503529404
기타 점수: 30.0
[Episode 612] - Mean score over last 1 times:57.10994281866238

epoch 612 start, epsilon: 0.001 time: 2020-06-29 14:34:36.129961
부족분 점수: 24.19535231513298
추가분 점수: 3.0806077755928185
기타 점수: 30.0
[Episode 613] - Mean score over last 1 times:57.275960090725796

epoch 613 start, epsilon: 0.001 time: 2020-06-29 14:34:39.540324
부족분 점수: 24.19535231513298
추가분 점수: 3.1233255803308246
기타 점수: 30.0
[Episode 614] - Mean score over last 1 times:57.31867789546381

epoch 614 start, epsilon: 0.001 time: 2020-06-29 14:34:42.991331
부족분 점수: 20.640759390774367
추가분 점수: 2.393636045532479
기타 점수: 30.0
[Episode 615] - Mean score over last 1 times:53.034395436306845

epoch 615 start, epsilon: 0.001 time: 2020-06-29 14:34:46.421934
부족분 점수: 24.19535231513298
추가분 점수: 3.07845729279407
기타 점수: 30.0
[Episode 616] - Mean score over last 1 times:57.27380960792705

epoch 616 start, epsilon: 0.001 time: 2020-06-29 14:34:49.872554
부족분 점수: 24.42751229384934
추가분 점수: 2.9196564265795977
기타 점수: 30.0
[Episode 617] - Mean score over last 1 times:57.34716872042894

epoch 617 start, epsilon: 0.001 time: 2020-06-29 14:34:53.346155
부족분 점수: 24.42751229384934
추가분 점수: 2.933127665254618
기타 점수: 30.0
[Episode 618] - Mean score over last 1 times:57.360639959103956

epoch 618 start, epsilon: 0.001 time: 2020-06-29 14:34:56.791446
부족분 점수: 24.42751229384934
추가분 점수: 2.9420982506436855
기타 점수: 30.0
[Episode 619] - Mean score over last 1 times:57.36961054449303

epoch 619 start, epsilon: 0.001 time: 2020-06-29 14:35:00.238856
부족분 점수: 20.640759390774367
추가분 점수: 2.2157739142135546
기타 점수: 30.0
[Episode 620] - Mean score over last 1 times:52.85653330498792

epoch 620 start, epsilon: 0.001 time: 2020-06-29 14:35:03.679035
부족분 점수: 20.640759390774367
추가분 점수: 2.2477128847405736
기타 점수: 30.0
[Episode 621] - Mean score over last 1 times:52.88847227551494

epoch 621 start, epsilon: 0.001 time: 2020-06-29 14:35:07.072687

부족분 점수: 20.640759390774367

추가분 점수: 2.211273260927602

기타 점수: 30.0

[Episode 622] - Mean score over last 1 times:52.85203265170197

epoch 622 start, epsilon: 0.001 time: 2020-06-29 14:35:10.587003

부족분 점수: 39.15693240387419

추가분 점수: 0.5796061114263451

기타 점수: 30.0

[Episode 623] - Mean score over last 1 times:69.73653851530054

epoch 623 start, epsilon: 0.001 time: 2020-06-29 14:35:14.014991

부족분 점수: 20.640759390774367

추가분 점수: 2.224744499602622

기타 점수: 30.0

[Episode 624] - Mean score over last 1 times:52.865503890376985

epoch 624 start, epsilon: 0.001 time: 2020-06-29 14:35:17.525262

부족분 점수: 20.640759390774367

추가분 점수: 2.211273260927602

기타 점수: 30.0

[Episode 625] - Mean score over last 1 times:52.85203265170197

epoch 625 start, epsilon: 0.001 time: 2020-06-29 14:35:21.012692

부족분 점수: 20.640759390774367

추가분 점수: 2.6240891553302936

기타 점수: 30.0

[Episode 626] - Mean score over last 1 times:53.26484854610466

epoch 626 start, epsilon: 0.001 time: 2020-06-29 14:35:24.465407

부족분 점수: 20.640759390774367

추가분 점수: 2.6240891553302936

기타 점수: 30.0

[Episode 627] - Mean score over last 1 times:53.26484854610466

epoch 627 start, epsilon: 0.001 time: 2020-06-29 14:35:27.932219

부족분 점수: 23.930375968907708

추가분 점수: 2.9892650970804735

기타 점수: 30.0

[Episode 628] - Mean score over last 1 times:56.91964106598818

epoch 628 start, epsilon: 0.001 time: 2020-06-29 14:35:31.396822

부족분 점수: 23.930375968907708

추가분 점수: 3.0027363357554937

기타 점수: 30.0

[Episode 629] - Mean score over last 1 times:56.9331123046632

epoch 629 start, epsilon: 0.001 time: 2020-06-29 14:35:34.841701

부족분 점수: 23.930375968907708

추가분 점수: 3.8776909836093276

기타 점수: 30.0

[Episode 630] - Mean score over last 1 times:57.80806695251704

epoch 630 start, epsilon: 0.001 time: 2020-06-29 14:35:38.291453

부족분 점수: 23.930375968907708

추가분 점수: 4.475838557726486

기타 점수: 30.0

[Episode 631] - Mean score over last 1 times:58.406214526634194

epoch 631 start, epsilon: 0.001 time: 2020-06-29 14:35:41.756232

부족분 점수: 23.930375968907708

추가분 점수: 4.924053856691213

기타 점수: 30.0

[Episode 632] - Mean score over last 1 times:58.85442982559892

epoch 632 start, epsilon: 0.001 time: 2020-06-29 14:35:45.245865

부족분 점수: 23.930375968907708

추가분 점수: 4.924226509738769

기타 점수: 30.0

[Episode 633] - Mean score over last 1 times:58.85460247864648

epoch 633 start, epsilon: 0.001 time: 2020-06-29 14:35:48.690549

부족분 점수: 23.930375968907708

추가분 점수: 4.9202720790836985

기타 점수: 30.0

[Episode 634] - Mean score over last 1 times:58.850648047991406

epoch 634 start, epsilon: 0.001 time: 2020-06-29 14:35:52.152339

부족분 점수: 23.934246837945455

추가분 점수: 4.917775061342522

기타 점수: 30.0

[Episode 635] - Mean score over last 1 times:58.852021899287976

epoch 635 start, epsilon: 0.001 time: 2020-06-29 14:35:55.587360

부족분 점수: 23.930375968907708

추가분 점수: 4.97160656118446

기타 점수: 30.0

[Episode 636] - Mean score over last 1 times:58.90198253009217

epoch 636 start, epsilon: 0.001 time: 2020-06-29 14:35:59.079542

부족분 점수: 23.930375968907708

추가분 점수: 5.740856991972247

기타 점수: 30.0

[Episode 637] - Mean score over last 1 times:59.671232960879955

epoch 637 start, epsilon: 0.001 time: 2020-06-29 14:36:02.501387

부족분 점수: 23.90715997103607

추가분 점수: 5.192231350168337

기타 점수: 30.0

[Episode 638] - Mean score over last 1 times:59.09939132120441

epoch 638 start, epsilon: 0.001 time: 2020-06-29 14:36:06.000625

부족분 점수: 23.930375968907708

추가분 점수: 5.165461525865853

기타 점수: 30.0

[Episode 639] - Mean score over last 1 times:59.09583749477356

epoch 639 start, epsilon: 0.001 time: 2020-06-29 14:36:09.452590

부족분 점수: 23.930375968907708

추가분 점수: 5.1519902871908325

기타 점수: 30.0

[Episode 640] - Mean score over last 1 times:59.08236625609854

epoch 640 start, epsilon: 0.001 time: 2020-06-29 14:36:12.900116

부족분 점수: 23.693640070007433

추가분 점수: 5.486182072776639

기타 점수: 30.0

[Episode 641] - Mean score over last 1 times:59.179822142784076

epoch 641 start, epsilon: 0.001 time: 2020-06-29 14:36:16.369731

부족분 점수: 23.693640070007433

추가분 점수: 5.4885107384358545

기타 점수: 30.0

[Episode 642] - Mean score over last 1 times:59.18215080844329

epoch 642 start, epsilon: 0.001 time: 2020-06-29 14:36:19.825207

부족분 점수: 23.693640070007433

추가분 점수: 5.50376442013921

기타 점수: 30.0

[Episode 643] - Mean score over last 1 times:59.19740449014664

epoch 643 start, epsilon: 0.001 time: 2020-06-29 14:36:23.264555

부족분 점수: 22.809017465914078

추가분 점수: 7.452415806294342

기타 점수: 30.0

[Episode 644] - Mean score over last 1 times:60.26143327220842

epoch 644 start, epsilon: 0.001 time: 2020-06-29 14:36:26.712266

부족분 점수: 22.76837334101772

추가분 점수: 7.494736693350061

기타 점수: 30.0

[Episode 645] - Mean score over last 1 times:60.263110034367784

epoch 645 start, epsilon: 0.001 time: 2020-06-29 14:36:30.150208

부족분 점수: 22.809017465914078

추가분 점수: 7.42548868953572

기타 점수: 30.0

[Episode 646] - Mean score over last 1 times:60.23450615544979

epoch 646 start, epsilon: 0.001 time: 2020-06-29 14:36:33.598390

부족분 점수: 22.809017465914078

추가분 점수: 7.342215236907938

기타 점수: 30.0

[Episode 647] - Mean score over last 1 times:60.151232702822014

epoch 647 start, epsilon: 0.001 time: 2020-06-29 14:36:37.059732

부족분 점수: 22.809017465914078

추가분 점수: 7.342215236907938

기타 점수: 30.0

[Episode 648] - Mean score over last 1 times:60.151232702822014

epoch 648 start, epsilon: 0.001 time: 2020-06-29 14:36:40.511762

부족분 점수: 22.809017465914078

추가분 점수: 7.342215236907938

기타 점수: 30.0

[Episode 649] - Mean score over last 1 times:60.151232702822014

epoch 649 start, epsilon: 0.001 time: 2020-06-29 14:36:44.056551

부족분 점수: 22.791598555244214

추가분 점수: 7.3592470606740275

기타 점수: 30.0

[Episode 650] - Mean score over last 1 times:60.15084561591824

epoch 650 start, epsilon: 0.001 time: 2020-06-29 14:36:47.537360

부족분 점수: 22.809017465914078

추가분 점수: 7.342215236907938

기타 점수: 30.0

[Episode 651] - Mean score over last 1 times:60.151232702822014

epoch 651 start, epsilon: 0.001 time: 2020-06-29 14:36:51.002822

부족분 점수: 22.809017465914078

추가분 점수: 7.319235177720507

기타 점수: 30.0

[Episode 652] - Mean score over last 1 times:60.12825264363458

epoch 652 start, epsilon: 0.001 time: 2020-06-29 14:36:54.443952

부족분 점수: 22.809017465914078

추가분 점수: 4.680193408278683

기타 점수: 30.0

[Episode 653] - Mean score over last 1 times:57.489210874192764

epoch 653 start, epsilon: 0.001 time: 2020-06-29 14:36:57.845197

부족분 점수: 22.809017465914078

추가분 점수: 4.684678700973217

기타 점수: 30.0

[Episode 654] - Mean score over last 1 times:57.4936961668873

epoch 654 start, epsilon: 0.001 time: 2020-06-29 14:37:01.293803

부족분 점수: 22.809017465914078

추가분 점수: 4.684678700973217

기타 점수: 30.0

[Episode 655] - Mean score over last 1 times:57.4936961668873

epoch 655 start, epsilon: 0.001 time: 2020-06-29 14:37:04.757857

부족분 점수: 22.809017465914078

추가분 점수: 3.7154868247599215

기타 점수: 30.0

[Episode 656] - Mean score over last 1 times:56.524504290674

epoch 656 start, epsilon: 0.001 time: 2020-06-29 14:37:08.193996

부족분 점수: 22.809017465914078

추가분 점수: 3.5232705279711762

기타 점수: 30.0

[Episode 657] - Mean score over last 1 times:56.33228799388525

epoch 657 start, epsilon: 0.001 time: 2020-06-29 14:37:11.650089

부족분 점수: 22.809017465914078

추가분 점수: 3.576031087379339

기타 점수: 30.0

[Episode 658] - Mean score over last 1 times:56.385048553293416

epoch 658 start, epsilon: 0.001 time: 2020-06-29 14:37:15.070168

부족분 점수: 22.809017465914078

추가분 점수: 3.5670605019902712

기타 점수: 30.0

[Episode 659] - Mean score over last 1 times:56.37607796790435

epoch 659 start, epsilon: 0.001 time: 2020-06-29 14:37:18.533958

부족분 점수: 22.809017465914078

추가분 점수: 3.990458000610122

기타 점수: 30.0

[Episode 660] - Mean score over last 1 times:56.7994754665242

epoch 660 start, epsilon: 0.001 time: 2020-06-29 14:37:22.006733

부족분 점수: 30.33354449026338

추가분 점수: 5.97025943731696

기타 점수: 30.0

[Episode 661] - Mean score over last 1 times:66.30380392758033

epoch 661 start, epsilon: 0.001 time: 2020-06-29 14:37:25.464519

부족분 점수: 29.664249728808755

추가분 점수: 5.569662586176758

기타 점수: 30.0

[Episode 662] - Mean score over last 1 times:65.23391231498552

epoch 662 start, epsilon: 0.001 time: 2020-06-29 14:37:28.901865

부족분 점수: 38.67721498960242

추가분 점수: 0.9976931463805983

기타 점수: 30.0

[Episode 663] - Mean score over last 1 times:69.67490813598302

epoch 663 start, epsilon: 0.001 time: 2020-06-29 14:37:32.335773

부족분 점수: 38.695401929843264

추가분 점수: 1.0560019514095331

기타 점수: 30.0

[Episode 664] - Mean score over last 1 times:69.7514038812528

epoch 664 start, epsilon: 0.001 time: 2020-06-29 14:37:35.745331

부족분 점수: 38.42947476300911

추가분 점수: 7.354830583429055

기타 점수: 30.0

[Episode 665] - Mean score over last 1 times:75.78430534643817

epoch 665 start, epsilon: 0.001 time: 2020-06-29 14:37:39.172627

부족분 점수: 34.61926162865893

추가분 점수: 0

기타 점수: 30.0

[Episode 666] - Mean score over last 1 times:64.61926162865893

epoch 666 start, epsilon: 0.001 time: 2020-06-29 14:37:42.540833

부족분 점수: 34.639235005681876

추가분 점수: 0

기타 점수: 30.0

[Episode 667] - Mean score over last 1 times:64.63923500568188

epoch 667 start, epsilon: 0.001 time: 2020-06-29 14:37:46.023819

부족분 점수: 34.637208943673635

추가분 점수: 0

기타 점수: 30.0

[Episode 668] - Mean score over last 1 times:64.63720894367364

epoch 668 start, epsilon: 0.001 time: 2020-06-29 14:37:49.467829

부족분 점수: 34.637208943673635

추가분 점수: 0

기타 점수: 30.0

[Episode 669] - Mean score over last 1 times:64.63720894367364

epoch 669 start, epsilon: 0.001 time: 2020-06-29 14:37:52.907504

부족분 점수: 34.63541482659582

추가분 점수: 0

기타 점수: 30.0

[Episode 670] - Mean score over last 1 times:64.63541482659582

epoch 670 start, epsilon: 0.001 time: 2020-06-29 14:37:56.385686

부족분 점수: 34.637208943673635

추가분 점수: 0

기타 점수: 30.0

[Episode 671] - Mean score over last 1 times:64.63720894367364

epoch 671 start, epsilon: 0.001 time: 2020-06-29 14:37:59.914951

부족분 점수: 36.82277533322499

추가분 점수: 0

기타 점수: 30.0

[Episode 672] - Mean score over last 1 times:66.822775333225

epoch 672 start, epsilon: 0.001 time: 2020-06-29 14:38:03.342470
부족분 점수: 36.82277533322499
추가분 점수: 0
기타 점수: 30.0
[Episode 673] - Mean score over last 1 times:66.822775333225

epoch 673 start, epsilon: 0.001 time: 2020-06-29 14:38:06.834485
부족분 점수: 36.82277533322499
추가분 점수: 0
기타 점수: 30.0
[Episode 674] - Mean score over last 1 times:66.822775333225

epoch 674 start, epsilon: 0.001 time: 2020-06-29 14:38:10.295175
부족분 점수: 36.82636356738062
추가분 점수: 0
기타 점수: 30.0
[Episode 675] - Mean score over last 1 times:66.82636356738061

epoch 675 start, epsilon: 0.001 time: 2020-06-29 14:38:13.743911
부족분 점수: 38.16845991331096
추가분 점수: 0
기타 점수: 30.0
[Episode 676] - Mean score over last 1 times:68.16845991331095

epoch 676 start, epsilon: 0.001 time: 2020-06-29 14:38:17.216192
부족분 점수: 38.166665796233154
추가분 점수: 0
기타 점수: 30.0
[Episode 677] - Mean score over last 1 times:68.16666579623316

epoch 677 start, epsilon: 0.001 time: 2020-06-29 14:38:20.683245
부족분 점수: 38.163077562077525
추가분 점수: 0
기타 점수: 30.0
[Episode 678] - Mean score over last 1 times:68.16307756207752

epoch 678 start, epsilon: 0.001 time: 2020-06-29 14:38:24.116707
부족분 점수: 38.14871848121845
추가분 점수: 0
기타 점수: 30.0
[Episode 679] - Mean score over last 1 times:68.14871848121845

epoch 679 start, epsilon: 0.001 time: 2020-06-29 14:38:27.556147
부족분 점수: 38.17564252585879
추가분 점수: 0
기타 점수: 30.0
[Episode 680] - Mean score over last 1 times:68.17564252585879

epoch 680 start, epsilon: 0.001 time: 2020-06-29 14:38:31.012343
부족분 점수: 38.163077562077525
추가분 점수: 0
기타 점수: 30.0
[Episode 681] - Mean score over last 1 times:68.16307756207752

epoch 681 start, epsilon: 0.001 time: 2020-06-29 14:38:34.470800
부족분 점수: 38.16128344499971
추가분 점수: 0
기타 점수: 30.0
[Episode 682] - Mean score over last 1 times:68.16128344499971

epoch 682 start, epsilon: 0.001 time: 2020-06-29 14:38:37.891796
부족분 점수: 38.15051259829627
추가분 점수: 0
기타 점수: 30.0
[Episode 683] - Mean score over last 1 times:68.15051259829627

epoch 683 start, epsilon: 0.001 time: 2020-06-29 14:38:41.343544
부족분 점수: 38.85207074596869
추가분 점수: 0
기타 점수: 30.0
[Episode 684] - Mean score over last 1 times:68.85207074596869

epoch 684 start, epsilon: 0.001 time: 2020-06-29 14:38:44.769286
부족분 점수: 38.78300952694601
추가분 점수: 0
기타 점수: 30.0
[Episode 685] - Mean score over last 1 times:68.78300952694602

epoch 685 start, epsilon: 0.001 time: 2020-06-29 14:38:48.215090
부족분 점수: 38.84848251181307
추가분 점수: 0
기타 점수: 30.0
[Episode 686] - Mean score over last 1 times:68.84848251181307

epoch 686 start, epsilon: 0.001 time: 2020-06-29 14:38:51.643099
부족분 점수: 38.839511926423995
추가분 점수: 0
기타 점수: 30.0
[Episode 687] - Mean score over last 1 times:68.839511926424

epoch 687 start, epsilon: 0.001 time: 2020-06-29 14:38:55.129677
부족분 점수: 39.16826237610531
추가분 점수: 1.8864323889744128
기타 점수: 30.0
[Episode 688] - Mean score over last 1 times:71.05469476507972

epoch 688 start, epsilon: 0.001 time: 2020-06-29 14:38:58.571700
부족분 점수: 39.16826237610531
추가분 점수: 1.0692999226133404
기타 점수: 30.0
[Episode 689] - Mean score over last 1 times:70.23756229871864

epoch 689 start, epsilon: 0.001 time: 2020-06-29 14:39:02.034630
부족분 점수: 39.16826237610531
추가분 점수: 1.0692999226133404
기타 점수: 30.0
[Episode 690] - Mean score over last 1 times:70.23756229871864

epoch 690 start, epsilon: 0.001 time: 2020-06-29 14:39:05.463541
부족분 점수: 39.16826237610531
추가분 점수: 1.0692999226133404
기타 점수: 30.0
[Episode 691] - Mean score over last 1 times:70.23756229871864

epoch 691 start, epsilon: 0.001 time: 2020-06-29 14:39:08.878970
부족분 점수: 39.17553715220165
추가분 점수: 1.0672993591868463
기타 점수: 30.0
[Episode 692] - Mean score over last 1 times:70.2428365113885

epoch 692 start, epsilon: 0.001 time: 2020-06-29 14:39:12.296594
부족분 점수: 39.04024106297751
추가분 점수: 5.068402249650776
기타 점수: 30.0
[Episode 693] - Mean score over last 1 times:74.10864331262829

epoch 693 start, epsilon: 0.001 time: 2020-06-29 14:39:15.720358
부족분 점수: 39.16826237610531
추가분 점수: 1.0692999226133404
기타 점수: 30.0
[Episode 694] - Mean score over last 1 times:70.23756229871864

epoch 694 start, epsilon: 0.001 time: 2020-06-29 14:39:19.169407
부족분 점수: 39.27495089986952
추가분 점수: 1.0033863959843736
기타 점수: 30.0
[Episode 695] - Mean score over last 1 times:70.2783372958539

epoch 695 start, epsilon: 0.001 time: 2020-06-29 14:39:22.658172
부족분 점수: 39.124613719527275
추가분 점수: 1.0934541454088875
기타 점수: 30.0
[Episode 696] - Mean score over last 1 times:70.21806786493616

epoch 696 start, epsilon: 0.001 time: 2020-06-29 14:39:26.107409
부족분 점수: 39.16826237610531
추가분 점수: 1.1172280399608847
기타 점수: 30.0
[Episode 697] - Mean score over last 1 times:70.2854904160662

epoch 697 start, epsilon: 0.001 time: 2020-06-29 14:39:29.595482
부족분 점수: 39.16826237610531
추가분 점수: 1.0692999226133404
기타 점수: 30.0
[Episode 698] - Mean score over last 1 times:70.23756229871864

epoch 698 start, epsilon: 0.001 time: 2020-06-29 14:39:33.071040
부족분 점수: 39.16826237610531
추가분 점수: 1.9532405164476607
기타 점수: 30.0
[Episode 699] - Mean score over last 1 times:71.12150289255297

epoch 699 start, epsilon: 0.001 time: 2020-06-29 14:39:36.541369
부족분 점수: 39.16826237610531
추가분 점수: 1.9622111018367283
기타 점수: 30.0
[Episode 700] - Mean score over last 1 times:71.13047347794205

epoch 700 start, epsilon: 0.001 time: 2020-06-29 14:39:39.977566
부족분 점수: 39.16826237610531
추가분 점수: 1.930798692383573
기타 점수: 30.0
[Episode 701] - Mean score over last 1 times:71.09906106848888

epoch 701 start, epsilon: 0.001 time: 2020-06-29 14:39:43.418836
부족분 점수: 39.16826237610531
추가분 점수: 1.930798692383573
기타 점수: 30.0
[Episode 702] - Mean score over last 1 times:71.09906106848888

epoch 702 start, epsilon: 0.001 time: 2020-06-29 14:39:46.911833

부족분 점수: 39.16826237610531

추가분 점수: 1.930798692383573

기타 점수: 30.0

[Episode 703] - Mean score over last 1 times:71.09906106848888

epoch 703 start, epsilon: 0.001 time: 2020-06-29 14:39:50.363937

부족분 점수: 39.196722479887605

추가분 점수: 1.9165686404924243

기타 점수: 30.0

[Episode 704] - Mean score over last 1 times:71.11329112038003

epoch 704 start, epsilon: 0.001 time: 2020-06-29 14:39:53.824267

부족분 점수: 39.16826237610531

추가분 점수: 1.930798692383573

기타 점수: 30.0

[Episode 705] - Mean score over last 1 times:71.09906106848888

epoch 705 start, epsilon: 0.001 time: 2020-06-29 14:39:57.328287

부족분 점수: 39.16826237610531

추가분 점수: 1.930798692383573

기타 점수: 30.0

[Episode 706] - Mean score over last 1 times:71.09906106848888

epoch 706 start, epsilon: 0.001 time: 2020-06-29 14:40:00.779109

부족분 점수: 39.20382521736005

추가분 점수: 1.918937858112988

기타 점수: 30.0

[Episode 707] - Mean score over last 1 times:71.12276307547305

epoch 707 start, epsilon: 0.001 time: 2020-06-29 14:40:04.208135

부족분 점수: 39.16826237610531

추가분 점수: 1.9618522784211656

기타 점수: 30.0

[Episode 708] - Mean score over last 1 times:71.13011465452648

epoch 708 start, epsilon: 0.001 time: 2020-06-29 14:40:07.695504

부족분 점수: 39.210927954832485

추가분 점수: 1.9094659030199845

기타 점수: 30.0

[Episode 709] - Mean score over last 1 times:71.12039385785246

epoch 709 start, epsilon: 0.001 time: 2020-06-29 14:40:11.141834

부족분 점수: 39.16826237610531

추가분 점수: 1.9173428142999738

기타 점수: 30.0

[Episode 710] - Mean score over last 1 times:71.08560519040529

epoch 710 start, epsilon: 0.001 time: 2020-06-29 14:40:14.571086

부족분 점수: 39.16826237610531

추가분 점수: 1.9677765513198886

기타 점수: 30.0

[Episode 711] - Mean score over last 1 times:71.1360389274252

epoch 711 start, epsilon: 0.001 time: 2020-06-29 14:40:18.031507

부족분 점수: 39.16826237610531

추가분 점수: 2.1759660199140862

기타 점수: 30.0

[Episode 712] - Mean score over last 1 times:71.34422839601939

epoch 712 start, epsilon: 0.001 time: 2020-06-29 14:40:21.482708

부족분 점수: 39.10278939123826

추가분 점수: 2.179372384667304

기타 점수: 30.0

[Episode 713] - Mean score over last 1 times:71.28216177590556

epoch 713 start, epsilon: 0.001 time: 2020-06-29 14:40:24.926676

부족분 점수: 39.16826237610531

추가분 점수: 2.152283674486948

기타 점수: 30.0

[Episode 714] - Mean score over last 1 times:71.32054605059226

epoch 714 start, epsilon: 0.001 time: 2020-06-29 14:40:28.363567

부족분 점수: 39.16826237610531

추가분 점수: 2.116027148923698

기타 점수: 30.0

[Episode 715] - Mean score over last 1 times:71.28428952502901

epoch 715 start, epsilon: 0.001 time: 2020-06-29 14:40:31.798732

부족분 점수: 39.16826237610531

추가분 점수: 2.17292585166031

기타 점수: 30.0

[Episode 716] - Mean score over last 1 times:71.34118822776563

epoch 716 start, epsilon: 0.001 time: 2020-06-29 14:40:35.230235

부족분 점수: 39.16826237610531

추가분 점수: 2.1653807291549865

기타 점수: 30.0

[Episode 717] - Mean score over last 1 times:71.33364310526031

epoch 717 start, epsilon: 0.001 time: 2020-06-29 14:40:38.653699

부족분 점수: 39.16826237610531

추가분 점수: 2.1312845171689943

기타 점수: 30.0

[Episode 718] - Mean score over last 1 times:71.29954689327431

epoch 718 start, epsilon: 0.001 time: 2020-06-29 14:40:42.086127

부족분 점수: 39.16826237610531

추가분 점수: 2.133725622357403

기타 점수: 30.0

[Episode 719] - Mean score over last 1 times:71.30198799846272

epoch 719 start, epsilon: 0.001 time: 2020-06-29 14:40:45.496687

부족분 점수: 39.16826237610531

추가분 점수: 2.1691532904076483

기타 점수: 30.0

[Episode 720] - Mean score over last 1 times:71.33741566651295

epoch 720 start, epsilon: 0.001 time: 2020-06-29 14:40:48.925643

부족분 점수: 39.13916327171995

추가분 점수: 2.1480466089497563

기타 점수: 30.0

[Episode 721] - Mean score over last 1 times:71.2872098806697

epoch 721 start, epsilon: 0.001 time: 2020-06-29 14:40:52.344677

부족분 점수: 39.16826237610531

추가분 점수: 2.217968021091936

기타 점수: 30.0

[Episode 722] - Mean score over last 1 times:71.38623039719724

epoch 722 start, epsilon: 0.001 time: 2020-06-29 14:40:55.788989

부족분 점수: 39.16826237610531

추가분 점수: 2.1208712650337946

기타 점수: 30.0

[Episode 723] - Mean score over last 1 times:71.2891336411391

epoch 723 start, epsilon: 0.001 time: 2020-06-29 14:40:59.234389

부족분 점수: 39.154032324214164

추가분 점수: 2.165494397531491

기타 점수: 30.0

[Episode 724] - Mean score over last 1 times:71.31952672174566

epoch 724 start, epsilon: 0.001 time: 2020-06-29 14:41:02.697312

부족분 점수: 39.16826237610531

추가분 점수: 2.1414059180672207

기타 점수: 30.0

[Episode 725] - Mean score over last 1 times:71.30966829417252

epoch 725 start, epsilon: 0.001 time: 2020-06-29 14:41:06.164502

부족분 점수: 41.513165716511686

추가분 점수: 0

기타 점수: 30.0

[Episode 726] - Mean score over last 1 times:71.51316571651168

epoch 726 start, epsilon: 0.001 time: 2020-06-29 14:41:09.619464

부족분 점수: 39.16826237610531

추가분 점수: 3.017375593802063

기타 점수: 30.0

[Episode 727] - Mean score over last 1 times:72.18563796990738

epoch 727 start, epsilon: 0.001 time: 2020-06-29 14:41:13.091757

부족분 점수: 39.10278939123826

추가분 점수: 3.017547632425963

기타 점수: 30.0

[Episode 728] - Mean score over last 1 times:72.12033702366423

epoch 728 start, epsilon: 0.001 time: 2020-06-29 14:41:16.538243

부족분 점수: 39.16826237610531

추가분 점수: 3.008938328147086

기타 점수: 30.0

[Episode 729] - Mean score over last 1 times:72.1772007042524

epoch 729 start, epsilon: 0.001 time: 2020-06-29 14:41:19.944298

부족분 점수: 39.16826237610531

추가분 점수: 3.0044530354525523

기타 점수: 30.0

[Episode 730] - Mean score over last 1 times:72.17271541155786

epoch 730 start, epsilon: 0.001 time: 2020-06-29 14:41:23.377595

부족분 점수: 39.16826237610531

추가분 점수: 3.0044530354525523

기타 점수: 30.0

[Episode 731] - Mean score over last 1 times:72.17271541155786

epoch 731 start, epsilon: 0.001 time: 2020-06-29 14:41:26.856158

부족분 점수: 40.45416046226779

추가분 점수: 0.25761186427504246

기타 점수: 30.0

[Episode 732] - Mean score over last 1 times:70.71177232654283

epoch 732 start, epsilon: 0.001 time: 2020-06-29 14:41:30.298168

부족분 점수: 40.45954281350122

추가분 점수: 0.24630892668481952

기타 점수: 30.0

[Episode 733] - Mean score over last 1 times:70.70585174018603

epoch 733 start, epsilon: 0.001 time: 2020-06-29 14:41:33.778312

부족분 점수: 40.43800726433089

추가분 점수: 0.29153357994250895

기타 점수: 30.0

[Episode 734] - Mean score over last 1 times:70.7295408442734

epoch 734 start, epsilon: 0.001 time: 2020-06-29 14:41:37.193191

부족분 점수: 40.59772054967569

추가분 점수: 0.26336717066815174

기타 점수: 30.0

[Episode 735] - Mean score over last 1 times:70.86108772034385

epoch 735 start, epsilon: 0.001 time: 2020-06-29 14:41:40.661898

부족분 점수: 42.87852875026535

추가분 점수: 0.2864541395718634

기타 점수: 30.0

[Episode 736] - Mean score over last 1 times:73.16498288983722

epoch 736 start, epsilon: 0.001 time: 2020-06-29 14:41:44.096277

부족분 점수: 40.94308808715476

추가분 점수: 0

기타 점수: 30.0

[Episode 737] - Mean score over last 1 times:70.94308808715476

epoch 737 start, epsilon: 0.001 time: 2020-06-29 14:41:47.540547

부족분 점수: 40.95654396523837

추가분 점수: 0

기타 점수: 30.0

[Episode 738] - Mean score over last 1 times:70.95654396523837

epoch 738 start, epsilon: 0.001 time: 2020-06-29 14:41:51.011604

부족분 점수: 40.95654396523837

추가분 점수: 0

기타 점수: 30.0

[Episode 739] - Mean score over last 1 times:70.95654396523837

epoch 739 start, epsilon: 0.001 time: 2020-06-29 14:41:54.497029

부족분 점수: 39.803519603033166

추가분 점수: 0.2466087654293303

기타 점수: 30.0

[Episode 740] - Mean score over last 1 times:70.0501283684625

epoch 740 start, epsilon: 0.001 time: 2020-06-29 14:41:57.923067

부족분 점수: 39.866749941552946

추가분 점수: 0.23295381408093174

기타 점수: 30.0

[Episode 741] - Mean score over last 1 times:70.09970375563387

epoch 741 start, epsilon: 0.001 time: 2020-06-29 14:42:01.328417

부족분 점수: 39.801276956685896

추가분 점수: 0.23942738172882283

기타 점수: 30.0

[Episode 742] - Mean score over last 1 times:70.04070433841471

epoch 742 start, epsilon: 0.001 time: 2020-06-29 14:42:04.740785

부족분 점수: 39.801276956685896

추가분 점수: 0.2476852356760184

기타 점수: 30.0

[Episode 743] - Mean score over last 1 times:70.04896219236191

epoch 743 start, epsilon: 0.001 time: 2020-06-29 14:42:08.268835

부족분 점수: 38.50289685393583

추가분 점수: 0

기타 점수: 30.0

[Episode 744] - Mean score over last 1 times:68.50289685393582

epoch 744 start, epsilon: 0.001 time: 2020-06-29 14:42:11.761796

부족분 점수: 37.97680581416818

추가분 점수: 0

기타 점수: 30.0

[Episode 745] - Mean score over last 1 times:67.97680581416819

epoch 745 start, epsilon: 0.001 time: 2020-06-29 14:42:15.213334

부족분 점수: 37.284871077020156

추가분 점수: 2.445050402708626

기타 점수: 30.0

[Episode 746] - Mean score over last 1 times:69.72992147972877

epoch 746 start, epsilon: 0.001 time: 2020-06-29 14:42:18.671648

부족분 점수: 37.98039404832381

추가분 점수: 0

기타 점수: 30.0

[Episode 747] - Mean score over last 1 times:67.9803940483238

epoch 747 start, epsilon: 0.001 time: 2020-06-29 14:42:22.113036

부족분 점수: 38.04222964514269

추가분 점수: 0

기타 점수: 30.0

[Episode 748] - Mean score over last 1 times:68.0422296451427

epoch 748 start, epsilon: 0.001 time: 2020-06-29 14:42:25.584853

부족분 점수: 37.98039404832381

추가분 점수: 0

기타 점수: 30.0

[Episode 749] - Mean score over last 1 times:67.9803940483238

epoch 749 start, epsilon: 0.001 time: 2020-06-29 14:42:28.992399

부족분 점수: 37.97142346293474

추가분 점수: 0

기타 점수: 30.0

[Episode 750] - Mean score over last 1 times:67.97142346293474

epoch 750 start, epsilon: 0.001 time: 2020-06-29 14:42:32.415753

부족분 점수: 42.53754205345916

추가분 점수: 1.6756906045099318

기타 점수: 30.0

[Episode 751] - Mean score over last 1 times:74.21323265796909

epoch 751 start, epsilon: 0.001 time: 2020-06-29 14:42:35.836679

부족분 점수: 42.99094063039253

추가분 점수: 1.4194482905658634

기타 점수: 30.0

[Episode 752] - Mean score over last 1 times:74.41038892095838

epoch 752 start, epsilon: 0.001 time: 2020-06-29 14:42:39.292833

부족분 점수: 42.99094063039253

추가분 점수: 0.5996031437600813

기타 점수: 30.0

[Episode 753] - Mean score over last 1 times:73.59054377415261

epoch 753 start, epsilon: 0.001 time: 2020-06-29 14:42:42.712623
부족분 점수: 39.94961265196617
추가분 점수: 0
기타 점수: 30.0
[Episode 754] - Mean score over last 1 times:69.94961265196616

epoch 754 start, epsilon: 0.001 time: 2020-06-29 14:42:46.147953
부족분 점수: 39.894511138425656
추가분 점수: 0
기타 점수: 30.0
[Episode 755] - Mean score over last 1 times:69.89451113842566

epoch 755 start, epsilon: 0.001 time: 2020-06-29 14:42:49.587254
부족분 점수: 39.84292412820195
추가분 점수: 0
기타 점수: 30.0
[Episode 756] - Mean score over last 1 times:69.84292412820196

epoch 756 start, epsilon: 0.001 time: 2020-06-29 14:42:52.996423
부족분 점수: 39.93538260007502
추가분 점수: 0
기타 점수: 30.0
[Episode 757] - Mean score over last 1 times:69.93538260007503

epoch 757 start, epsilon: 0.001 time: 2020-06-29 14:42:56.430800
부족분 점수: 39.93538260007502
추가분 점수: 0
기타 점수: 30.0
[Episode 758] - Mean score over last 1 times:69.93538260007503

epoch 758 start, epsilon: 0.001 time: 2020-06-29 14:42:59.904686
부족분 점수: 39.93538260007502
추가분 점수: 0
기타 점수: 30.0
[Episode 759] - Mean score over last 1 times:69.93538260007503

epoch 759 start, epsilon: 0.001 time: 2020-06-29 14:43:03.356525
부족분 점수: 39.93538260007502
추가분 점수: 0
기타 점수: 30.0
[Episode 760] - Mean score over last 1 times:69.93538260007503

epoch 760 start, epsilon: 0.001 time: 2020-06-29 14:43:06.826013
부족분 점수: 40.64488678168882
추가분 점수: 0
기타 점수: 30.0
[Episode 761] - Mean score over last 1 times:70.64488678168883

epoch 761 start, epsilon: 0.001 time: 2020-06-29 14:43:10.272496
부족분 점수: 40.649888190255055
추가분 점수: 0
기타 점수: 30.0
[Episode 762] - Mean score over last 1 times:70.64988819025506

epoch 762 start, epsilon: 0.001 time: 2020-06-29 14:43:13.735428
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 763] - Mean score over last 1 times:70.62442647391788

epoch 763 start, epsilon: 0.001 time: 2020-06-29 14:43:17.379967
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 764] - Mean score over last 1 times:70.62442647391788

epoch 764 start, epsilon: 0.001 time: 2020-06-29 14:43:20.829977
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 765] - Mean score over last 1 times:70.62442647391788

epoch 765 start, epsilon: 0.001 time: 2020-06-29 14:43:24.281376
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 766] - Mean score over last 1 times:70.62442647391788

epoch 766 start, epsilon: 0.001 time: 2020-06-29 14:43:27.714699
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 767] - Mean score over last 1 times:70.62442647391788

epoch 767 start, epsilon: 0.001 time: 2020-06-29 14:43:31.190950
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 768] - Mean score over last 1 times:70.62442647391788

epoch 768 start, epsilon: 0.001 time: 2020-06-29 14:43:34.631032
부족분 점수: 40.66534708945978
추가분 점수: 0
기타 점수: 30.0
[Episode 769] - Mean score over last 1 times:70.66534708945977

epoch 769 start, epsilon: 0.001 time: 2020-06-29 14:43:38.312017
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 770] - Mean score over last 1 times:70.62442647391788

epoch 770 start, epsilon: 0.001 time: 2020-06-29 14:43:41.789746
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 771] - Mean score over last 1 times:70.62442647391788

epoch 771 start, epsilon: 0.001 time: 2020-06-29 14:43:45.291141
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 772] - Mean score over last 1 times:70.62442647391788

epoch 772 start, epsilon: 0.001 time: 2020-06-29 14:43:48.814357
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 773] - Mean score over last 1 times:70.62442647391788

epoch 773 start, epsilon: 0.001 time: 2020-06-29 14:43:52.287225
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 774] - Mean score over last 1 times:70.62442647391788

epoch 774 start, epsilon: 0.001 time: 2020-06-29 14:43:55.762623
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 775] - Mean score over last 1 times:70.62442647391788

epoch 775 start, epsilon: 0.001 time: 2020-06-29 14:43:59.237394
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 776] - Mean score over last 1 times:70.62442647391788

epoch 776 start, epsilon: 0.001 time: 2020-06-29 14:44:02.715879
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 777] - Mean score over last 1 times:70.62442647391788

epoch 777 start, epsilon: 0.001 time: 2020-06-29 14:44:06.197948
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 778] - Mean score over last 1 times:70.62442647391788

epoch 778 start, epsilon: 0.001 time: 2020-06-29 14:44:09.720123
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 779] - Mean score over last 1 times:70.62442647391788

epoch 779 start, epsilon: 0.001 time: 2020-06-29 14:44:13.139049
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 780] - Mean score over last 1 times:70.62442647391788

epoch 780 start, epsilon: 0.001 time: 2020-06-29 14:44:16.616878
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 781] - Mean score over last 1 times:70.62442647391788

epoch 781 start, epsilon: 0.001 time: 2020-06-29 14:44:20.102695
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 782] - Mean score over last 1 times:70.62442647391788

epoch 782 start, epsilon: 0.001 time: 2020-06-29 14:44:23.571621
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 783] - Mean score over last 1 times:70.62442647391788

epoch 783 start, epsilon: 0.001 time: 2020-06-29 14:44:27.017362

부족분 점수: 40.62442647391787

추가분 점수: 0

기타 점수: 30.0

[Episode 784] - Mean score over last 1 times:70.62442647391788

epoch 784 start, epsilon: 0.001 time: 2020-06-29 14:44:30.464827

부족분 점수: 40.61110884115705

추가분 점수: 0

기타 점수: 30.0

[Episode 785] - Mean score over last 1 times:70.61110884115705

epoch 785 start, epsilon: 0.001 time: 2020-06-29 14:44:33.914119

부족분 점수: 44.111853676234986

추가분 점수: 0.978162461602361

기타 점수: 30.0

[Episode 786] - Mean score over last 1 times:75.09001613783735

epoch 786 start, epsilon: 0.001 time: 2020-06-29 14:44:37.350430

부족분 점수: 40.62442647391787

추가분 점수: 0

기타 점수: 30.0

[Episode 787] - Mean score over last 1 times:70.62442647391788

epoch 787 start, epsilon: 0.001 time: 2020-06-29 14:44:40.816842

부족분 점수: 43.11096061144985

추가분 점수: 0

기타 점수: 30.0

[Episode 788] - Mean score over last 1 times:73.11096061144985

epoch 788 start, epsilon: 0.001 time: 2020-06-29 14:44:44.251875

부족분 점수: 41.3936265219658

추가분 점수: 0

기타 점수: 30.0

[Episode 789] - Mean score over last 1 times:71.3936265219658

epoch 789 start, epsilon: 0.001 time: 2020-06-29 14:44:47.720652

부족분 점수: 43.117780714040165

추가분 점수: 0

기타 점수: 30.0

[Episode 790] - Mean score over last 1 times:73.11778071404017

epoch 790 start, epsilon: 0.001 time: 2020-06-29 14:44:51.180608

부족분 점수: 43.12687418416059

추가분 점수: 0

기타 점수: 30.0

[Episode 791] - Mean score over last 1 times:73.12687418416058

epoch 791 start, epsilon: 0.001 time: 2020-06-29 14:44:54.540163

부족분 점수: 43.11096061144985

추가분 점수: 0

기타 점수: 30.0

[Episode 792] - Mean score over last 1 times:73.11096061144985

epoch 792 start, epsilon: 0.001 time: 2020-06-29 14:44:58.010198

부족분 점수: 43.11096061144985

추가분 점수: 0

기타 점수: 30.0

[Episode 793] - Mean score over last 1 times:73.11096061144985

epoch 793 start, epsilon: 0.001 time: 2020-06-29 14:45:01.516658

부족분 점수: 43.112324631967915

추가분 점수: 0
기타 점수: 30.0
[Episode 794] - Mean score over last 1 times:73.11232463196791

epoch 794 start, epsilon: 0.001 time: 2020-06-29 14:45:04.912404
부족분 점수: 43.15764144877412
추가분 점수: 0
기타 점수: 30.0
[Episode 795] - Mean score over last 1 times:73.15764144877411

epoch 795 start, epsilon: 0.001 time: 2020-06-29 14:45:08.366808
부족분 점수: 43.09096112142148
추가분 점수: 0
기타 점수: 30.0
[Episode 796] - Mean score over last 1 times:73.09096112142149

epoch 796 start, epsilon: 0.001 time: 2020-06-29 14:45:11.789173
부족분 점수: 43.11096061144985
추가분 점수: 0
기타 점수: 30.0
[Episode 797] - Mean score over last 1 times:73.11096061144985

epoch 797 start, epsilon: 0.001 time: 2020-06-29 14:45:15.249367
부족분 점수: 43.11096061144985
추가분 점수: 0
기타 점수: 30.0
[Episode 798] - Mean score over last 1 times:73.11096061144985

epoch 798 start, epsilon: 0.001 time: 2020-06-29 14:45:18.733223
부족분 점수: 42.484524972174285
추가분 점수: 0
기타 점수: 30.0
[Episode 799] - Mean score over last 1 times:72.48452497217428

epoch 799 start, epsilon: 0.001 time: 2020-06-29 14:45:22.150378
부족분 점수: 40.56256476409357
추가분 점수: 0
기타 점수: 30.0
[Episode 800] - Mean score over last 1 times:70.56256476409357

epoch 800 start, epsilon: 0.001 time: 2020-06-29 14:45:25.615135
부족분 점수: 42.470884766993656
추가분 점수: 0
기타 점수: 30.0
[Episode 801] - Mean score over last 1 times:72.47088476699366

epoch 801 start, epsilon: 0.001 time: 2020-06-29 14:45:29.070073
부족분 점수: 42.45086223607816
추가분 점수: 0
기타 점수: 30.0
[Episode 802] - Mean score over last 1 times:72.45086223607817

epoch 802 start, epsilon: 0.001 time: 2020-06-29 14:45:32.524113
부족분 점수: 42.50451831796609
추가분 점수: 0
기타 점수: 30.0
[Episode 803] - Mean score over last 1 times:72.50451831796609

epoch 803 start, epsilon: 0.001 time: 2020-06-29 14:45:35.919005
부족분 점수: 36.15414414931969
추가분 점수: 0

기타 점수: 30.0
[Episode 804] - Mean score over last 1 times:66.15414414931969

epoch 804 start, epsilon: 0.001 time: 2020-06-29 14:45:39.365118
부족분 점수: 44.12928026720056
추가분 점수: 0
기타 점수: 30.0
[Episode 805] - Mean score over last 1 times:74.12928026720056

epoch 805 start, epsilon: 0.001 time: 2020-06-29 14:45:42.811981
부족분 점수: 42.470884766993656
추가분 점수: 0
기타 점수: 30.0
[Episode 806] - Mean score over last 1 times:72.47088476699366

epoch 806 start, epsilon: 0.001 time: 2020-06-29 14:45:46.306911
부족분 점수: 42.3754033307292
추가분 점수: 0
기타 점수: 30.0
[Episode 807] - Mean score over last 1 times:72.3754033307292

epoch 807 start, epsilon: 0.001 time: 2020-06-29 14:45:49.780132
부족분 점수: 43.03547866521376
추가분 점수: 0
기타 점수: 30.0
[Episode 808] - Mean score over last 1 times:73.03547866521376

epoch 808 start, epsilon: 0.001 time: 2020-06-29 14:45:53.246262
부족분 점수: 43.03547866521376
추가분 점수: 0
기타 점수: 30.0
[Episode 809] - Mean score over last 1 times:73.03547866521376

epoch 809 start, epsilon: 0.001 time: 2020-06-29 14:45:56.682885
부족분 점수: 42.97548019512867
추가분 점수: 0.6597361726260131
기타 점수: 30.0
[Episode 810] - Mean score over last 1 times:73.63521636775468

epoch 810 start, epsilon: 0.001 time: 2020-06-29 14:46:00.115102
부족분 점수: 43.0154791751854
추가분 점수: 0.6183018989070321
기타 점수: 30.0
[Episode 811] - Mean score over last 1 times:73.63378107409244

epoch 811 start, epsilon: 0.001 time: 2020-06-29 14:46:03.547153
부족분 점수: 43.03547866521376
추가분 점수: 0.615360038438344
기타 점수: 30.0
[Episode 812] - Mean score over last 1 times:73.65083870365211

epoch 812 start, epsilon: 0.001 time: 2020-06-29 14:46:07.084132
부족분 점수: 43.03547866521376
추가분 점수: 0.656629646617306
기타 점수: 30.0
[Episode 813] - Mean score over last 1 times:73.69210831183106

epoch 813 start, epsilon: 0.001 time: 2020-06-29 14:46:10.572516
부족분 점수: 42.98879782788949
추가분 점수: 0.6190594832758478

기타 점수: 30.0

[Episode 814] - Mean score over last 1 times:73.60785731116533

epoch 814 start, epsilon: 0.001 time: 2020-06-29 14:46:14.023507

부족분 점수: 43.033661507248816

추가분 점수: 1.0193485081639997

기타 점수: 30.0

[Episode 815] - Mean score over last 1 times:74.05301001541281

epoch 815 start, epsilon: 0.001 time: 2020-06-29 14:46:17.469398

부족분 점수: 37.58193416266191

추가분 점수: 0

기타 점수: 30.0

[Episode 816] - Mean score over last 1 times:67.58193416266191

epoch 816 start, epsilon: 0.001 time: 2020-06-29 14:46:20.913535

부족분 점수: 37.58732265813191

추가분 점수: 0

기타 점수: 30.0

[Episode 817] - Mean score over last 1 times:67.58732265813191

epoch 817 start, epsilon: 0.001 time: 2020-06-29 14:46:24.348489

부족분 점수: 37.58193416266191

추가분 점수: 0

기타 점수: 30.0

[Episode 818] - Mean score over last 1 times:67.58193416266191

epoch 818 start, epsilon: 0.001 time: 2020-06-29 14:46:27.802961

부족분 점수: 36.52747257135993

추가분 점수: 0

기타 점수: 30.0

[Episode 819] - Mean score over last 1 times:66.52747257135994

epoch 819 start, epsilon: 0.001 time: 2020-06-29 14:46:31.250112

부족분 점수: 36.52747257135993

추가분 점수: 0

기타 점수: 30.0

[Episode 820] - Mean score over last 1 times:66.52747257135994

epoch 820 start, epsilon: 0.001 time: 2020-06-29 14:46:34.678220

부족분 점수: 36.52701789785391

추가분 점수: 0

기타 점수: 30.0

[Episode 821] - Mean score over last 1 times:66.52701789785391

epoch 821 start, epsilon: 0.001 time: 2020-06-29 14:46:38.119409

부족분 점수: 36.52747257135993

추가분 점수: 0

기타 점수: 30.0

[Episode 822] - Mean score over last 1 times:66.52747257135994

epoch 822 start, epsilon: 0.001 time: 2020-06-29 14:46:41.571400

부족분 점수: 36.52747257135993

추가분 점수: 0

기타 점수: 30.0

[Episode 823] - Mean score over last 1 times:66.52747257135994

epoch 823 start, epsilon: 0.001 time: 2020-06-29 14:46:45.014249

부족분 점수: 36.52747257135993

추가분 점수: 0

기타 점수: 30.0

[Episode 824] - Mean score over last 1 times:66.52747257135994

epoch 824 start, epsilon: 0.001 time: 2020-06-29 14:46:48.471957

부족분 점수: 36.45635303308702

추가분 점수: 0

기타 점수: 30.0

[Episode 825] - Mean score over last 1 times:66.45635303308703

epoch 825 start, epsilon: 0.001 time: 2020-06-29 14:46:51.886017

부족분 점수: 36.52747257135993

추가분 점수: 0

기타 점수: 30.0

[Episode 826] - Mean score over last 1 times:66.52747257135994

epoch 826 start, epsilon: 0.001 time: 2020-06-29 14:46:55.349511

부족분 점수: 37.655141205308745

추가분 점수: 0

기타 점수: 30.0

[Episode 827] - Mean score over last 1 times:67.65514120530875

epoch 827 start, epsilon: 0.001 time: 2020-06-29 14:46:58.798654

부족분 점수: 37.32625097424551

추가분 점수: 0

기타 점수: 30.0

[Episode 828] - Mean score over last 1 times:67.32625097424551

epoch 828 start, epsilon: 0.001 time: 2020-06-29 14:47:02.229064

부족분 점수: 37.335221559634576

추가분 점수: 0

기타 점수: 30.0

[Episode 829] - Mean score over last 1 times:67.33522155963458

epoch 829 start, epsilon: 0.001 time: 2020-06-29 14:47:05.671086

부족분 점수: 37.35316887464928

추가분 점수: 0

기타 점수: 30.0

[Episode 830] - Mean score over last 1 times:67.35316887464927

epoch 830 start, epsilon: 0.001 time: 2020-06-29 14:47:09.103178

부족분 점수: 36.65858750759965

추가분 점수: 0

기타 점수: 30.0

[Episode 831] - Mean score over last 1 times:66.65858750759965

epoch 831 start, epsilon: 0.001 time: 2020-06-29 14:47:12.510131

부족분 점수: 36.65320515636621

추가분 점수: 0

기타 점수: 30.0

[Episode 832] - Mean score over last 1 times:66.65320515636621

epoch 832 start, epsilon: 0.001 time: 2020-06-29 14:47:15.944195

부족분 점수: 36.65858750759965

추가분 점수: 0

기타 점수: 30.0

[Episode 833] - Mean score over last 1 times:66.65858750759965

epoch 833 start, epsilon: 0.001 time: 2020-06-29 14:47:19.471790

부족분 점수: 36.64647260914698

추가분 점수: 0

기타 점수: 30.0

[Episode 834] - Mean score over last 1 times:66.64647260914698

epoch 834 start, epsilon: 0.001 time: 2020-06-29 14:47:22.900363
부족분 점수: 36.668011230435596
추가분 점수: 0
기타 점수: 30.0
[Episode 835] - Mean score over last 1 times:66.6680112304356

epoch 835 start, epsilon: 0.001 time: 2020-06-29 14:47:26.349708
부족분 점수: 39.82428865869166
추가분 점수: 0
기타 점수: 30.0
[Episode 836] - Mean score over last 1 times:69.82428865869166

epoch 836 start, epsilon: 0.001 time: 2020-06-29 14:47:29.803443
부족분 점수: 39.88463581420197
추가분 점수: 0
기타 점수: 30.0
[Episode 837] - Mean score over last 1 times:69.88463581420197

epoch 837 start, epsilon: 0.001 time: 2020-06-29 14:47:33.228229
부족분 점수: 39.82294307088329
추가분 점수: 0
기타 점수: 30.0
[Episode 838] - Mean score over last 1 times:69.8229430708833

epoch 838 start, epsilon: 0.001 time: 2020-06-29 14:47:36.690573
부족분 점수: 39.70309359239073
추가분 점수: 0
기타 점수: 30.0
[Episode 839] - Mean score over last 1 times:69.70309359239073

epoch 839 start, epsilon: 0.001 time: 2020-06-29 14:47:40.145204
부족분 점수: 39.825634246500016
추가분 점수: 0
기타 점수: 30.0
[Episode 840] - Mean score over last 1 times:69.82563424650002

epoch 840 start, epsilon: 0.001 time: 2020-06-29 14:47:43.602675
부족분 점수: 39.825634246500016
추가분 점수: 0
기타 점수: 30.0
[Episode 841] - Mean score over last 1 times:69.82563424650002

epoch 841 start, epsilon: 0.001 time: 2020-06-29 14:47:47.048799
부족분 점수: 39.825634246500016
추가분 점수: 0
기타 점수: 30.0
[Episode 842] - Mean score over last 1 times:69.82563424650002

epoch 842 start, epsilon: 0.001 time: 2020-06-29 14:47:50.493155
부족분 점수: 39.825634246500016
추가분 점수: 0
기타 점수: 30.0
[Episode 843] - Mean score over last 1 times:69.82563424650002

epoch 843 start, epsilon: 0.001 time: 2020-06-29 14:47:53.949339
부족분 점수: 39.82294307088329
추가분 점수: 0
기타 점수: 30.0
[Episode 844] - Mean score over last 1 times:69.8229430708833

epoch 844 start, epsilon: 0.001 time: 2020-06-29 14:47:57.385580
부족분 점수: 42.189961054756516
추가분 점수: 0
기타 점수: 30.0
[Episode 845] - Mean score over last 1 times:72.18996105475651

epoch 845 start, epsilon: 0.001 time: 2020-06-29 14:48:00.809630
부족분 점수: 40.942699464191854
추가분 점수: 0
기타 점수: 30.0
[Episode 846] - Mean score over last 1 times:70.94269946419186

epoch 846 start, epsilon: 0.001 time: 2020-06-29 14:48:04.223841
부족분 점수: 40.91051595304943
추가분 점수: 0
기타 점수: 30.0
[Episode 847] - Mean score over last 1 times:70.91051595304944

epoch 847 start, epsilon: 0.001 time: 2020-06-29 14:48:07.781312
부족분 점수: 40.93193015354755
추가분 점수: 0
기타 점수: 30.0
[Episode 848] - Mean score over last 1 times:70.93193015354754

epoch 848 start, epsilon: 0.001 time: 2020-06-29 14:48:11.333773
부족분 점수: 40.92923897793083
추가분 점수: 0
기타 점수: 30.0
[Episode 849] - Mean score over last 1 times:70.92923897793082

epoch 849 start, epsilon: 0.001 time: 2020-06-29 14:48:14.808446

부족분 점수: 40.934621329164266
추가분 점수: 0
기타 점수: 30.0
[Episode 850] - Mean score over last 1 times:70.93462132916426

epoch 850 start, epsilon: 0.001 time: 2020-06-29 14:48:18.259245
부족분 점수: 40.93058456573918
추가분 점수: 0
기타 점수: 30.0
[Episode 851] - Mean score over last 1 times:70.93058456573918

epoch 851 start, epsilon: 0.001 time: 2020-06-29 14:48:21.732344
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 852] - Mean score over last 1 times:70.62442647391788

epoch 852 start, epsilon: 0.001 time: 2020-06-29 14:48:25.173711
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 853] - Mean score over last 1 times:70.62442647391788

epoch 853 start, epsilon: 0.001 time: 2020-06-29 14:48:28.632053
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 854] - Mean score over last 1 times:70.62442647391788

epoch 854 start, epsilon: 0.001 time: 2020-06-29 14:48:32.071361
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 855] - Mean score over last 1 times:70.62442647391788

epoch 855 start, epsilon: 0.001 time: 2020-06-29 14:48:35.509472
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 856] - Mean score over last 1 times:70.62442647391788

epoch 856 start, epsilon: 0.001 time: 2020-06-29 14:48:38.959885
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 857] - Mean score over last 1 times:70.62442647391788

epoch 857 start, epsilon: 0.001 time: 2020-06-29 14:48:42.419031
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 858] - Mean score over last 1 times:70.62442647391788

epoch 858 start, epsilon: 0.001 time: 2020-06-29 14:48:45.868921
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 859] - Mean score over last 1 times:70.62442647391788

epoch 859 start, epsilon: 0.001 time: 2020-06-29 14:48:49.316378
부족분 점수: 40.54258524283405
추가분 점수: 0.00022303578741222907
기타 점수: 30.0
[Episode 860] - Mean score over last 1 times:70.54280827862146

epoch 860 start, epsilon: 0.001 time: 2020-06-29 14:48:52.872678
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 861] - Mean score over last 1 times:70.62442647391788

epoch 861 start, epsilon: 0.001 time: 2020-06-29 14:48:56.320858
부족분 점수: 40.62442647391787
추가분 점수: 0.007749111159378597
기타 점수: 30.0
[Episode 862] - Mean score over last 1 times:70.63217558507725

epoch 862 start, epsilon: 0.001 time: 2020-06-29 14:48:59.787261
부족분 점수: 40.66444849486173
추가분 점수: 0
기타 점수: 30.0
[Episode 863] - Mean score over last 1 times:70.66444849486173

epoch 863 start, epsilon: 0.001 time: 2020-06-29 14:49:03.311675
부족분 점수: 39.05807317355656
추가분 점수: 0
기타 점수: 30.0
[Episode 864] - Mean score over last 1 times:69.05807317355655

epoch 864 start, epsilon: 0.001 time: 2020-06-29 14:49:06.810980
부족분 점수: 40.66534708945978
추가분 점수: 0
기타 점수: 30.0
[Episode 865] - Mean score over last 1 times:70.66534708945977

epoch 865 start, epsilon: 0.001 time: 2020-06-29 14:49:10.236088
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 866] - Mean score over last 1 times:70.62442647391788

epoch 866 start, epsilon: 0.001 time: 2020-06-29 14:49:13.688599
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 867] - Mean score over last 1 times:70.62442647391788

epoch 867 start, epsilon: 0.001 time: 2020-06-29 14:49:17.151902
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 868] - Mean score over last 1 times:70.62442647391788

epoch 868 start, epsilon: 0.001 time: 2020-06-29 14:49:20.586611
부족분 점수: 40.61078626873723
추가분 점수: 0
기타 점수: 30.0
[Episode 869] - Mean score over last 1 times:70.61078626873723

epoch 869 start, epsilon: 0.001 time: 2020-06-29 14:49:24.041303
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 870] - Mean score over last 1 times:70.62442647391788

epoch 870 start, epsilon: 0.001 time: 2020-06-29 14:49:27.665726
부족분 점수: 40.570787288680506
추가분 점수: 0
기타 점수: 30.0
[Episode 871] - Mean score over last 1 times:70.5707872886805

epoch 871 start, epsilon: 0.001 time: 2020-06-29 14:49:31.178888
부족분 점수: 40.55652497954737
추가분 점수: 0
기타 점수: 30.0
[Episode 872] - Mean score over last 1 times:70.55652497954736

epoch 872 start, epsilon: 0.001 time: 2020-06-29 14:49:34.644705
부족분 점수: 40.64488678168882
추가분 점수: 0
기타 점수: 30.0
[Episode 873] - Mean score over last 1 times:70.64488678168883

epoch 873 start, epsilon: 0.001 time: 2020-06-29 14:49:38.106498
부족분 점수: 40.62442647391787
추가분 점수: 0
기타 점수: 30.0
[Episode 874] - Mean score over last 1 times:70.62442647391788

epoch 874 start, epsilon: 0.001 time: 2020-06-29 14:49:41.540464

부족분 점수: 40.62442647391787

추가분 점수: 0

기타 점수: 30.0

[Episode 875] - Mean score over last 1 times:70.62442647391788

epoch 875 start, epsilon: 0.001 time: 2020-06-29 14:49:45.006869

부족분 점수: 40.62442647391787

추가분 점수: 0

기타 점수: 30.0

[Episode 876] - Mean score over last 1 times:70.62442647391788

epoch 876 start, epsilon: 0.001 time: 2020-06-29 14:49:48.427584

부족분 점수: 40.62442647391787

추가분 점수: 0

기타 점수: 30.0

[Episode 877] - Mean score over last 1 times:70.62442647391788

epoch 877 start, epsilon: 0.001 time: 2020-06-29 14:49:51.852881

부족분 점수: 40.15360130601893

추가분 점수: 0.381061865396366

기타 점수: 30.0

[Episode 878] - Mean score over last 1 times:70.5346631714153

epoch 878 start, epsilon: 0.001 time: 2020-06-29 14:49:55.288679

부족분 점수: 40.15360130601893

추가분 점수: 0.3789089249029898

기타 점수: 30.0

[Episode 879] - Mean score over last 1 times:70.53251023092191

epoch 879 start, epsilon: 0.001 time: 2020-06-29 14:49:58.746746

부족분 점수: 40.15360130601893

추가분 점수: 0.381061865396366

기타 점수: 30.0

[Episode 880] - Mean score over last 1 times:70.5346631714153

epoch 880 start, epsilon: 0.001 time: 2020-06-29 14:50:02.173772

부족분 점수: 40.15360130601893

추가분 점수: 0.381061865396366

기타 점수: 30.0

[Episode 881] - Mean score over last 1 times:70.5346631714153

epoch 881 start, epsilon: 0.001 time: 2020-06-29 14:50:05.577684

부족분 점수: 40.15360130601893

추가분 점수: 0.381061865396366

기타 점수: 30.0

[Episode 882] - Mean score over last 1 times:70.5346631714153

epoch 882 start, epsilon: 0.001 time: 2020-06-29 14:50:09.108946

부족분 점수: 39.27335339836189

추가분 점수: 0.6391345474139976

기타 점수: 30.0

[Episode 883] - Mean score over last 1 times:69.9124879457759

epoch 883 start, epsilon: 0.001 time: 2020-06-29 14:50:12.572703

부족분 점수: 39.22242996568751

추가분 점수: 0.6727140291046352

기타 점수: 30.0

[Episode 884] - Mean score over last 1 times:69.89514399479214

epoch 884 start, epsilon: 0.001 time: 2020-06-29 14:50:16.009140

부족분 점수: 39.22242996568751

추가분 점수: 0.6541701087191942

기타 점수: 30.0

[Episode 885] - Mean score over last 1 times:69.8766000744067

epoch 885 start, epsilon: 0.001 time: 2020-06-29 14:50:19.435302

부족분 점수: 39.22242996568751

추가분 점수: 0.653138491399452

기타 점수: 30.0

[Episode 886] - Mean score over last 1 times:69.87556845708696

epoch 886 start, epsilon: 0.001 time: 2020-06-29 14:50:22.897163

부족분 점수: 39.21515518959117

추가분 점수: 0.6545934466187187

기타 점수: 30.0

[Episode 887] - Mean score over last 1 times:69.86974863620989

epoch 887 start, epsilon: 0.001 time: 2020-06-29 14:50:26.336804

부족분 점수: 39.22242996568751

추가분 점수: 0.6755803154635376

기타 점수: 30.0

[Episode 888] - Mean score over last 1 times:69.89801028115104

epoch 888 start, epsilon: 0.001 time: 2020-06-29 14:50:29.815374

부족분 점수: 39.17976438696033

추가분 점수: 2.9061974763777143

기타 점수: 30.0

[Episode 889] - Mean score over last 1 times:72.08596186333804

epoch 889 start, epsilon: 0.001 time: 2020-06-29 14:50:33.286406

부족분 점수: 39.22242996568751

추가분 점수: 3.468167785583347

기타 점수: 30.0

[Episode 890] - Mean score over last 1 times:72.69059775127086

epoch 890 start, epsilon: 0.001 time: 2020-06-29 14:50:36.781094

부족분 점수: 39.22955728010622

추가분 점수: 3.4780753670490117

기타 점수: 30.0

[Episode 891] - Mean score over last 1 times:72.70763264715524

epoch 891 start, epsilon: 0.001 time: 2020-06-29 14:50:40.219092

부족분 점수: 39.22242996568751

추가분 점수: 3.468167785583347

기타 점수: 30.0

[Episode 892] - Mean score over last 1 times:72.69059775127086

epoch 892 start, epsilon: 0.001 time: 2020-06-29 14:50:43.660552

부족분 점수: 39.22242996568751

추가분 점수: 3.486124316952901

기타 점수: 30.0

[Episode 893] - Mean score over last 1 times:72.70855428264042

epoch 893 start, epsilon: 0.001 time: 2020-06-29 14:50:47.130193

부족분 점수: 37.12994876013914

추가분 점수: 0.5009850747277422

기타 점수: 30.0

[Episode 894] - Mean score over last 1 times:67.63093383486688

epoch 894 start, epsilon: 0.001 time: 2020-06-29 14:50:50.571705

부족분 점수: 37.12994876013914

추가분 점수: 0.5009850747277422

기타 점수: 30.0

[Episode 895] - Mean score over last 1 times:67.63093383486688

epoch 895 start, epsilon: 0.001 time: 2020-06-29 14:50:54.056393

부족분 점수: 37.12994876013914

추가분 점수: 0.5009850747277422

기타 점수: 30.0

[Episode 896] - Mean score over last 1 times:67.63093383486688

epoch 896 start, epsilon: 0.001 time: 2020-06-29 14:50:57.504778

부족분 점수: 37.36631907696363

추가분 점수: 0

기타 점수: 30.0

[Episode 897] - Mean score over last 1 times:67.36631907696363

epoch 897 start, epsilon: 0.001 time: 2020-06-29 14:51:00.992104

부족분 점수: 37.13436032199486

추가분 점수: 0.41195262916490893

기타 점수: 30.0

[Episode 898] - Mean score over last 1 times:67.54631295115976

epoch 898 start, epsilon: 0.001 time: 2020-06-29 14:51:04.447405

부족분 점수: 37.12994876013914

추가분 점수: 0.5009850747277422

기타 점수: 30.0

[Episode 899] - Mean score over last 1 times:67.63093383486688

epoch 899 start, epsilon: 0.001 time: 2020-06-29 14:51:07.889310

부족분 점수: 37.12994876013914

추가분 점수: 0.5009850747277422

기타 점수: 30.0

[Episode 900] - Mean score over last 1 times:67.63093383486688

epoch 900 start, epsilon: 0.001 time: 2020-06-29 14:51:11.312510

부족분 점수: 37.08993749160928

추가분 점수: 0.5296989354802939

기타 점수: 30.0

[Episode 901] - Mean score over last 1 times:67.61963642708957

epoch 901 start, epsilon: 0.001 time: 2020-06-29 14:51:14.801485

부족분 점수: 43.88282725816822

추가분 점수: 4.8076101285282125

기타 점수: 30.0

[Episode 902] - Mean score over last 1 times:78.69043738669643

epoch 902 start, epsilon: 0.001 time: 2020-06-29 14:51:18.246963

부족분 점수: 37.12994876013914

추가분 점수: 0.5171413447829143

기타 점수: 30.0

[Episode 903] - Mean score over last 1 times:67.64709010492206

epoch 903 start, epsilon: 0.001 time: 2020-06-29 14:51:21.707124

부족분 점수: 37.132792005610916

추가분 점수: 0.47700473382706443

기타 점수: 30.0

[Episode 904] - Mean score over last 1 times:67.60979673943798

epoch 904 start, epsilon: 0.001 time: 2020-06-29 14:51:25.156155

부족분 점수: 37.12994876013914

추가분 점수: 0.22638869730817968

기타 점수: 30.0
[Episode 905] - Mean score over last 1 times:67.35633745744732

epoch 905 start, epsilon: 0.001 time: 2020-06-29 14:51:28.587485
부족분 점수: 37.12994876013914
추가분 점수: 0.2667716921504004
기타 점수: 30.0
[Episode 906] - Mean score over last 1 times:67.39672045228954

epoch 906 start, epsilon: 0.001 time: 2020-06-29 14:51:32.024378
부족분 점수: 37.12994876013914
추가분 점수: 0
기타 점수: 30.0
[Episode 907] - Mean score over last 1 times:67.12994876013914

epoch 907 start, epsilon: 0.001 time: 2020-06-29 14:51:35.470487
부족분 점수: 37.12994876013914
추가분 점수: 0
기타 점수: 30.0
[Episode 908] - Mean score over last 1 times:67.12994876013914

epoch 908 start, epsilon: 0.001 time: 2020-06-29 14:51:38.931032
부족분 점수: 37.13436032199486
추가분 점수: 0
기타 점수: 30.0
[Episode 909] - Mean score over last 1 times:67.13436032199486

epoch 909 start, epsilon: 0.001 time: 2020-06-29 14:51:42.407364
부족분 점수: 37.13436032199486
추가분 점수: 0
기타 점수: 30.0
[Episode 910] - Mean score over last 1 times:67.13436032199486

epoch 910 start, epsilon: 0.001 time: 2020-06-29 14:51:45.883523
부족분 점수: 37.13436032199486
추가분 점수: 0
기타 점수: 30.0
[Episode 911] - Mean score over last 1 times:67.13436032199486

epoch 911 start, epsilon: 0.001 time: 2020-06-29 14:51:49.303088
부족분 점수: 37.13436032199486
추가분 점수: 0
기타 점수: 30.0
[Episode 912] - Mean score over last 1 times:67.13436032199486

epoch 912 start, epsilon: 0.001 time: 2020-06-29 14:51:52.737250
부족분 점수: 37.13436032199486
추가분 점수: 0
기타 점수: 30.0
[Episode 913] - Mean score over last 1 times:67.13436032199486

epoch 913 start, epsilon: 0.001 time: 2020-06-29 14:51:56.164907
부족분 점수: 37.968775296973995
추가분 점수: 0
기타 점수: 30.0
[Episode 914] - Mean score over last 1 times:67.968775296974

epoch 914 start, epsilon: 0.001 time: 2020-06-29 14:51:59.638640
부족분 점수: 37.968775296973995
추가분 점수: 0
기타 점수: 30.0

[Episode 915] - Mean score over last 1 times:67.968775296974

epoch 915 start, epsilon: 0.001 time: 2020-06-29 14:52:03.072823

부족분 점수: 37.904767712528376

추가분 점수: 0

기타 점수: 30.0

[Episode 916] - Mean score over last 1 times:67.90476771252838

epoch 916 start, epsilon: 0.001 time: 2020-06-29 14:52:06.544538

부족분 점수: 37.968775296973995

추가분 점수: 0

기타 점수: 30.0

[Episode 917] - Mean score over last 1 times:67.968775296974

epoch 917 start, epsilon: 0.001 time: 2020-06-29 14:52:10.077304

부족분 점수: 37.968775296973995

추가분 점수: 0

기타 점수: 30.0

[Episode 918] - Mean score over last 1 times:67.968775296974

epoch 918 start, epsilon: 0.001 time: 2020-06-29 14:52:13.528821

부족분 점수: 37.968775296973995

추가분 점수: 0

기타 점수: 30.0

[Episode 919] - Mean score over last 1 times:67.968775296974

epoch 919 start, epsilon: 0.001 time: 2020-06-29 14:52:16.963884

부족분 점수: 41.599329418020986

추가분 점수: 0

기타 점수: 30.0

[Episode 920] - Mean score over last 1 times:71.59932941802099

epoch 920 start, epsilon: 0.001 time: 2020-06-29 14:52:20.472765

부족분 점수: 41.599329418020986

추가분 점수: 0

기타 점수: 30.0

[Episode 921] - Mean score over last 1 times:71.59932941802099

epoch 921 start, epsilon: 0.001 time: 2020-06-29 14:52:23.949920

부족분 점수: 41.59574118386536

추가분 점수: 0

기타 점수: 30.0

[Episode 922] - Mean score over last 1 times:71.59574118386536

epoch 922 start, epsilon: 0.001 time: 2020-06-29 14:52:27.385039

부족분 점수: 41.59035883263192

추가분 점수: 0

기타 점수: 30.0

[Episode 923] - Mean score over last 1 times:71.59035883263192

epoch 923 start, epsilon: 0.001 time: 2020-06-29 14:52:30.842113

부족분 점수: 41.599329418020986

추가분 점수: 0

기타 점수: 30.0

[Episode 924] - Mean score over last 1 times:71.59932941802099

epoch 924 start, epsilon: 0.001 time: 2020-06-29 14:52:34.271849

부족분 점수: 41.599329418020986

추가분 점수: 0

기타 점수: 30.0

[Episode 925] - Mean score over last 1 times:71.59932941802099

epoch 925 start, epsilon: 0.001 time: 2020-06-29 14:52:37.695974
부족분 점수: 41.599329418020986
추가분 점수: 0
기타 점수: 30.0
[Episode 926] - Mean score over last 1 times:71.59932941802099

epoch 926 start, epsilon: 0.001 time: 2020-06-29 14:52:41.178278
부족분 점수: 41.60543064493286
추가분 점수: 0
기타 점수: 30.0
[Episode 927] - Mean score over last 1 times:71.60543064493285

epoch 927 start, epsilon: 0.001 time: 2020-06-29 14:52:44.622796
부족분 점수: 42.645218263251664
추가분 점수: 0
기타 점수: 30.0
[Episode 928] - Mean score over last 1 times:72.64521826325166

epoch 928 start, epsilon: 0.001 time: 2020-06-29 14:52:48.090257
부족분 점수: 42.66233303421142
추가분 점수: 0
기타 점수: 30.0
[Episode 929] - Mean score over last 1 times:72.66233303421143

epoch 929 start, epsilon: 0.001 time: 2020-06-29 14:52:51.540359
부족분 점수: 42.66233303421142
추가분 점수: 0
기타 점수: 30.0
[Episode 930] - Mean score over last 1 times:72.66233303421143

epoch 930 start, epsilon: 0.001 time: 2020-06-29 14:52:54.989486
부족분 점수: 46.77152011177595
추가분 점수: 0
기타 점수: 30.0
[Episode 931] - Mean score over last 1 times:76.77152011177594

epoch 931 start, epsilon: 0.001 time: 2020-06-29 14:52:58.432976
부족분 점수: 42.83463586028375
추가분 점수: 0
기타 점수: 30.0
[Episode 932] - Mean score over last 1 times:72.83463586028375

epoch 932 start, epsilon: 0.001 time: 2020-06-29 14:53:01.883381
부족분 점수: 42.83463586028375
추가분 점수: 0
기타 점수: 30.0
[Episode 933] - Mean score over last 1 times:72.83463586028375

epoch 933 start, epsilon: 0.001 time: 2020-06-29 14:53:05.329709
부족분 점수: 42.83463586028375
추가분 점수: 0
기타 점수: 30.0
[Episode 934] - Mean score over last 1 times:72.83463586028375

epoch 934 start, epsilon: 0.001 time: 2020-06-29 14:53:08.772909
부족분 점수: 41.802055431459046
추가분 점수: 0
기타 점수: 30.0
[Episode 935] - Mean score over last 1 times:71.80205543145905

epoch 935 start, epsilon: 0.001 time: 2020-06-29 14:53:12.226278
부족분 점수: 41.7222663753889
추가분 점수: 0
기타 점수: 30.0
[Episode 936] - Mean score over last 1 times:71.7222663753889

epoch 936 start, epsilon: 0.001 time: 2020-06-29 14:53:15.681341
부족분 점수: 41.71590094630459
추가분 점수: 0
기타 점수: 30.0
[Episode 937] - Mean score over last 1 times:71.7159009463046

epoch 937 start, epsilon: 0.001 time: 2020-06-29 14:53:19.172503
부족분 점수: 41.71590094630459
추가분 점수: 0
기타 점수: 30.0
[Episode 938] - Mean score over last 1 times:71.7159009463046

epoch 938 start, epsilon: 0.001 time: 2020-06-29 14:53:22.615945
부족분 점수: 41.71949532469679
추가분 점수: 0
기타 점수: 30.0
[Episode 939] - Mean score over last 1 times:71.7194953246968

epoch 939 start, epsilon: 0.001 time: 2020-06-29 14:53:26.058379
부족분 점수: 41.71590094630459
추가분 점수: 0
기타 점수: 30.0
[Episode 940] - Mean score over last 1 times:71.7159009463046

epoch 940 start, epsilon: 0.001 time: 2020-06-29 14:53:29.480873
부족분 점수: 41.2667219238342
추가분 점수: 0
기타 점수: 30.0
[Episode 941] - Mean score over last 1 times:71.2667219238342

epoch 941 start, epsilon: 0.001 time: 2020-06-29 14:53:32.898019
부족분 점수: 41.2667219238342
추가분 점수: 0
기타 점수: 30.0
[Episode 942] - Mean score over last 1 times:71.2667219238342

epoch 942 start, epsilon: 0.001 time: 2020-06-29 14:53:36.340628
부족분 점수: 40.96665737862906
추가분 점수: 0
기타 점수: 30.0
[Episode 943] - Mean score over last 1 times:70.96665737862907

epoch 943 start, epsilon: 0.001 time: 2020-06-29 14:53:39.809372
부족분 점수: 40.96115982295997
추가분 점수: 0
기타 점수: 30.0
[Episode 944] - Mean score over last 1 times:70.96115982295997

epoch 944 start, epsilon: 0.001 time: 2020-06-29 14:53:43.262470
부족분 점수: 40.967887762001766
추가분 점수: 0
기타 점수: 30.0
[Episode 945] - Mean score over last 1 times:70.96788776200177

epoch 945 start, epsilon: 0.001 time: 2020-06-29 14:53:46.727969

부족분 점수: 39.876330342421376

추가분 점수: 0

기타 점수: 30.0

[Episode 946] - Mean score over last 1 times:69.87633034242137

epoch 946 start, epsilon: 0.001 time: 2020-06-29 14:53:50.162900

부족분 점수: 39.876330342421376

추가분 점수: 0

기타 점수: 30.0

[Episode 947] - Mean score over last 1 times:69.87633034242137

epoch 947 start, epsilon: 0.001 time: 2020-06-29 14:53:53.571972

부족분 점수: 39.876330342421376

추가분 점수: 0

기타 점수: 30.0

[Episode 948] - Mean score over last 1 times:69.87633034242137

epoch 948 start, epsilon: 0.001 time: 2020-06-29 14:53:57.010627

부족분 점수: 39.86510943038933

추가분 점수: 0

기타 점수: 30.0

[Episode 949] - Mean score over last 1 times:69.86510943038934

epoch 949 start, epsilon: 0.001 time: 2020-06-29 14:54:00.493968

부족분 점수: 39.876330342421376

추가분 점수: 0

기타 점수: 30.0

[Episode 950] - Mean score over last 1 times:69.87633034242137

epoch 950 start, epsilon: 0.001 time: 2020-06-29 14:54:03.931386

부족분 점수: 37.92876402844413

추가분 점수: 0

기타 점수: 30.0

[Episode 951] - Mean score over last 1 times:67.92876402844414

epoch 951 start, epsilon: 0.001 time: 2020-06-29 14:54:07.443246

부족분 점수: 40.24165743239113

추가분 점수: 0

기타 점수: 30.0

[Episode 952] - Mean score over last 1 times:70.24165743239112

epoch 952 start, epsilon: 0.001 time: 2020-06-29 14:54:10.941275

부족분 점수: 39.876330342421376

추가분 점수: 0

기타 점수: 30.0

[Episode 953] - Mean score over last 1 times:69.87633034242137

epoch 953 start, epsilon: 0.001 time: 2020-06-29 14:54:14.363309

부족분 점수: 39.58988603362802

추가분 점수: 0

기타 점수: 30.0

[Episode 954] - Mean score over last 1 times:69.58988603362802

epoch 954 start, epsilon: 0.001 time: 2020-06-29 14:54:17.807322

부족분 점수: 39.601099265364354

추가분 점수: 0

기타 점수: 30.0

[Episode 955] - Mean score over last 1 times:69.60109926536435

epoch 955 start, epsilon: 0.001 time: 2020-06-29 14:54:21.289993

부족분 점수: 39.605592238354596

추가분 점수: 0
기타 점수: 30.0
[Episode 956] - Mean score over last 1 times:69.6055922383546

epoch 956 start, epsilon: 0.001 time: 2020-06-29 14:54:24.749472
부족분 점수: 39.58988603362802
추가분 점수: 0
기타 점수: 30.0
[Episode 957] - Mean score over last 1 times:69.58988603362802

epoch 957 start, epsilon: 0.001 time: 2020-06-29 14:54:28.195248
부족분 점수: 39.58988603362802
추가분 점수: 0
기타 점수: 30.0
[Episode 958] - Mean score over last 1 times:69.58988603362802

epoch 958 start, epsilon: 0.001 time: 2020-06-29 14:54:31.637218
부족분 점수: 39.091302740974655
추가분 점수: 0
기타 점수: 30.0
[Episode 959] - Mean score over last 1 times:69.09130274097465

epoch 959 start, epsilon: 0.001 time: 2020-06-29 14:54:35.158078
부족분 점수: 37.03576682990879
추가분 점수: 0.28107301718573785
기타 점수: 30.0
[Episode 960] - Mean score over last 1 times:67.31683984709453

epoch 960 start, epsilon: 0.001 time: 2020-06-29 14:54:38.556222
부족분 점수: 39.091302740974655
추가분 점수: 0
기타 점수: 30.0
[Episode 961] - Mean score over last 1 times:69.09130274097465

epoch 961 start, epsilon: 0.001 time: 2020-06-29 14:54:41.994991
부족분 점수: 38.71749967665955
추가분 점수: 0.0029572210601092053
기타 점수: 30.0
[Episode 962] - Mean score over last 1 times:68.72045689771966

epoch 962 start, epsilon: 0.001 time: 2020-06-29 14:54:45.453921
부족분 점수: 38.71749967665955
추가분 점수: 0.0029572210601092053
기타 점수: 30.0
[Episode 963] - Mean score over last 1 times:68.72045689771966

epoch 963 start, epsilon: 0.001 time: 2020-06-29 14:54:48.924189
부족분 점수: 38.71749967665955
추가분 점수: 0.03598863684889153
기타 점수: 30.0
[Episode 964] - Mean score over last 1 times:68.75348831350844

epoch 964 start, epsilon: 0.001 time: 2020-06-29 14:54:52.375261
부족분 점수: 38.71749967665955
추가분 점수: 0.0029572210601092053
기타 점수: 30.0
[Episode 965] - Mean score over last 1 times:68.72045689771966

epoch 965 start, epsilon: 0.001 time: 2020-06-29 14:54:55.851024
부족분 점수: 38.71749967665955
추가분 점수: 0.18636329703420662

기타 점수: 30.0

[Episode 966] - Mean score over last 1 times:68.90386297369375

epoch 966 start, epsilon: 0.001 time: 2020-06-29 14:54:59.295141

부족분 점수: 38.77569788543027

추가분 점수: 0.17638751454263968

기타 점수: 30.0

[Episode 967] - Mean score over last 1 times:68.9520853999729

epoch 967 start, epsilon: 0.001 time: 2020-06-29 14:55:02.800851

부족분 점수: 37.81316175347909

추가분 점수: 0

기타 점수: 30.0

[Episode 968] - Mean score over last 1 times:67.8131617534791

epoch 968 start, epsilon: 0.001 time: 2020-06-29 14:55:06.251899

부족분 점수: 38.71749967665955

추가분 점수: 0.15438316012218456

기타 점수: 30.0

[Episode 969] - Mean score over last 1 times:68.87188283678174

epoch 969 start, epsilon: 0.001 time: 2020-06-29 14:55:09.728196

부족분 점수: 38.71749967665955

추가분 점수: 0.18636329703420662

기타 점수: 30.0

[Episode 970] - Mean score over last 1 times:68.90386297369375

epoch 970 start, epsilon: 0.001 time: 2020-06-29 14:55:13.196660

부족분 점수: 37.094349053464995

추가분 점수: 0.24310163519639882

기타 점수: 30.0

[Episode 971] - Mean score over last 1 times:67.33745068866139

epoch 971 start, epsilon: 0.001 time: 2020-06-29 14:55:16.654866

부족분 점수: 38.6995508255857

추가분 점수: 0.2150814587523575

기타 점수: 30.0

[Episode 972] - Mean score over last 1 times:68.91463228433807

epoch 972 start, epsilon: 0.001 time: 2020-06-29 14:55:20.118368

부족분 점수: 39.22242996568751

추가분 점수: 3.508550780425568

기타 점수: 30.0

[Episode 973] - Mean score over last 1 times:72.73098074611308

epoch 973 start, epsilon: 0.001 time: 2020-06-29 14:55:23.537049

부족분 점수: 39.22242996568751

추가분 점수: 3.559165158000579

기타 점수: 30.0

[Episode 974] - Mean score over last 1 times:72.78159512368809

epoch 974 start, epsilon: 0.001 time: 2020-06-29 14:55:27.006965

부족분 점수: 39.22970474178385

추가분 점수: 0.19060589238431014

기타 점수: 30.0

[Episode 975] - Mean score over last 1 times:69.42031063416816

epoch 975 start, epsilon: 0.001 time: 2020-06-29 14:55:30.447841

부족분 점수: 39.22242996568751

추가분 점수: 3.5564690669946053

기타 점수: 30.0

[Episode 976] - Mean score over last 1 times:72.77889903268212

epoch 976 start, epsilon: 0.001 time: 2020-06-29 14:55:33.887023

부족분 점수: 39.22242996568751

추가분 점수: 3.54982038860453

기타 점수: 30.0

[Episode 977] - Mean score over last 1 times:72.77225035429204

epoch 977 start, epsilon: 0.001 time: 2020-06-29 14:55:37.350527

부족분 점수: 39.22242996568751

추가분 점수: 3.5489337752677885

기타 점수: 30.0

[Episode 978] - Mean score over last 1 times:72.77136374095531

epoch 978 start, epsilon: 0.001 time: 2020-06-29 14:55:40.828520

부족분 점수: 39.22242996568751

추가분 점수: 3.1230411021777327

기타 점수: 30.0

[Episode 979] - Mean score over last 1 times:72.34547106786525

epoch 979 start, epsilon: 0.001 time: 2020-06-29 14:55:44.255282

부족분 점수: 39.2478916820247

추가분 점수: 2.3766662785557235

기타 점수: 30.0

[Episode 980] - Mean score over last 1 times:71.62455796058043

epoch 980 start, epsilon: 0.001 time: 2020-06-29 14:55:47.687509

부족분 점수: 39.70986454108851

추가분 점수: 2.7415847767937107

기타 점수: 30.0

[Episode 981] - Mean score over last 1 times:72.45144931788221

epoch 981 start, epsilon: 0.001 time: 2020-06-29 14:55:51.129937

부족분 점수: 39.70258976499217

추가분 점수: 2.8185997100534754

기타 점수: 30.0

[Episode 982] - Mean score over last 1 times:72.52118947504565

epoch 982 start, epsilon: 0.001 time: 2020-06-29 14:55:54.586727

부족분 점수: 39.70258976499217

추가분 점수: 2.7493062388885314

기타 점수: 30.0

[Episode 983] - Mean score over last 1 times:72.4518960038807

epoch 983 start, epsilon: 0.001 time: 2020-06-29 14:55:58.067438

부족분 점수: 39.70258976499217

추가분 점수: 2.747296459107187

기타 점수: 30.0

[Episode 984] - Mean score over last 1 times:72.44988622409936

epoch 984 start, epsilon: 0.001 time: 2020-06-29 14:56:01.540511

부족분 점수: 39.901736760629454

추가분 점수: 0.4210245944573465

기타 점수: 30.0

[Episode 985] - Mean score over last 1 times:70.3227613550868

epoch 985 start, epsilon: 0.001 time: 2020-06-29 14:56:04.980564

부족분 점수: 40.62442647391787

추가분 점수: 0.7073159117601602

기타 점수: 30.0

[Episode 986] - Mean score over last 1 times:71.33174238567804

epoch 986 start, epsilon: 0.001 time: 2020-06-29 14:56:08.479630

부족분 점수: 35.90231800540877

추가분 점수: 1.3747342233669624

기타 점수: 30.0

[Episode 987] - Mean score over last 1 times:67.27705222877574

epoch 987 start, epsilon: 0.001 time: 2020-06-29 14:56:11.906748

부족분 점수: 41.56825494157906

추가분 점수: 1.2040915700152643

기타 점수: 30.0

[Episode 988] - Mean score over last 1 times:72.77234651159432

epoch 988 start, epsilon: 0.001 time: 2020-06-29 14:56:15.319288

부족분 점수: 32.89139170952016

추가분 점수: 2.991255215304802

기타 점수: 30.0

[Episode 989] - Mean score over last 1 times:65.88264692482497

epoch 989 start, epsilon: 0.001 time: 2020-06-29 14:56:18.850191

부족분 점수: 32.95542694303033

추가분 점수: 3.1150265599986238

기타 점수: 30.0

[Episode 990] - Mean score over last 1 times:66.07045350302896

epoch 990 start, epsilon: 0.001 time: 2020-06-29 14:56:22.287540

부족분 점수: 32.89139170952016

추가분 점수: 3.1054071432279917

기타 점수: 30.0

[Episode 991] - Mean score over last 1 times:65.99679885274816

epoch 991 start, epsilon: 0.001 time: 2020-06-29 14:56:25.750667

부족분 점수: 32.89139170952016

추가분 점수: 3.1140189052014966

기타 점수: 30.0

[Episode 992] - Mean score over last 1 times:66.00541061472165

epoch 992 start, epsilon: 0.001 time: 2020-06-29 14:56:29.186136

부족분 점수: 32.89139170952016

추가분 점수: 3.0919359045529715

기타 점수: 30.0

[Episode 993] - Mean score over last 1 times:65.98332761407312

epoch 993 start, epsilon: 0.001 time: 2020-06-29 14:56:32.606549

부족분 점수: 32.89139170952016

추가분 점수: 3.100906489942039

기타 점수: 30.0

[Episode 994] - Mean score over last 1 times:65.9922981994622

epoch 994 start, epsilon: 0.001 time: 2020-06-29 14:56:36.059706

부족분 점수: 32.89139170952016

추가분 점수: 3.1054071432279917

기타 점수: 30.0

[Episode 995] - Mean score over last 1 times:65.99679885274816

epoch 995 start, epsilon: 0.001 time: 2020-06-29 14:56:39.497508

부족분 점수: 32.89139170952016

추가분 점수: 3.1098924359225255

기타 점수: 30.0

[Episode 996] - Mean score over last 1 times:66.00128414544268

epoch 996 start, epsilon: 0.001 time: 2020-06-29 14:56:42.926792

부족분 점수: 32.89139170952016

추가분 점수: 3.1054071432279917

기타 점수: 30.0

[Episode 997] - Mean score over last 1 times:65.99679885274816

epoch 997 start, epsilon: 0.001 time: 2020-06-29 14:56:46.379645

부족분 점수: 32.905939725653695

추가분 점수: 4.417559859456732

기타 점수: 30.0

[Episode 998] - Mean score over last 1 times:67.32349958511043

epoch 998 start, epsilon: 0.001 time: 2020-06-29 14:56:49.823446

부족분 점수: 32.89139170952016

추가분 점수: 3.319342701860444

기타 점수: 30.0

[Episode 999] - Mean score over last 1 times:66.2107344113806

epoch 999 start, epsilon: 0.001 time: 2020-06-29 14:56:53.313249

부족분 점수: 32.87849649302338

추가분 점수: 3.3207779955226946

기타 점수: 30.0

[Episode 1000] - Mean score over last 1 times:66.19927448854608

epoch 1000 start, epsilon: 0.001 time: 2020-06-29 14:56:56.785677

부족분 점수: 32.795394157384

추가분 점수: 3.3489480913389924

기타 점수: 30.0

[Episode 1001] - Mean score over last 1 times:66.14434224872299

epoch 1001 start, epsilon: 0.001 time: 2020-06-29 14:57:00.233404

부족분 점수: 32.89139170952016

추가분 점수: 3.3207779955226946

기타 점수: 30.0

[Episode 1002] - Mean score over last 1 times:66.21216970504285

epoch 1002 start, epsilon: 0.001 time: 2020-06-29 14:57:03.743282

부족분 점수: 32.89139170952016

추가분 점수: 3.3207779955226946

기타 점수: 30.0

[Episode 1003] - Mean score over last 1 times:66.21216970504285

epoch 1003 start, epsilon: 0.001 time: 2020-06-29 14:57:07.178753

부족분 점수: 32.89139170952016

추가분 점수: 3.4291850622549402

기타 점수: 30.0

[Episode 1004] - Mean score over last 1 times:66.3205767717751

epoch 1004 start, epsilon: 0.001 time: 2020-06-29 14:57:10.587163

부족분 점수: 32.89139170952016

추가분 점수: 3.465082764402627

기타 점수: 30.0

[Episode 1005] - Mean score over last 1 times:66.35647447392279

epoch 1005 start, epsilon: 0.001 time: 2020-06-29 14:57:14.081552

부족분 점수: 35.90231800540877

추가분 점수: 1.5779118381927582

기타 점수: 30.0

[Episode 1006] - Mean score over last 1 times:67.48022984360153

epoch 1006 start, epsilon: 0.001 time: 2020-06-29 14:57:17.526170
부족분 점수: 35.90231800540877
추가분 점수: 1.6060997522951026
기타 점수: 30.0
[Episode 1007] - Mean score over last 1 times:67.50841775770388

epoch 1007 start, epsilon: 0.001 time: 2020-06-29 14:57:20.915566
부족분 점수: 40.95181443914026
추가분 점수: 0.8378975282657919
기타 점수: 30.0
[Episode 1008] - Mean score over last 1 times:71.78971196740605

epoch 1008 start, epsilon: 0.001 time: 2020-06-29 14:57:24.343355
부족분 점수: 40.92515613273149
추가분 점수: 0.8432682054497542
기타 점수: 30.0
[Episode 1009] - Mean score over last 1 times:71.76842433818123

epoch 1009 start, epsilon: 0.001 time: 2020-06-29 14:57:27.806152
부족분 점수: 40.95181443914026
추가분 점수: 0.8048661124770096
기타 점수: 30.0
[Episode 1010] - Mean score over last 1 times:71.75668055161726

epoch 1010 start, epsilon: 0.001 time: 2020-06-29 14:57:31.233290
부족분 점수: 40.95181443914026
추가분 점수: 0.8048661124770096
기타 점수: 30.0
[Episode 1011] - Mean score over last 1 times:71.75668055161726

epoch 1011 start, epsilon: 0.001 time: 2020-06-29 14:57:34.702500
부족분 점수: 40.95181443914026
추가분 점수: 0.8048661124770096
기타 점수: 30.0
[Episode 1012] - Mean score over last 1 times:71.75668055161726

epoch 1012 start, epsilon: 0.001 time: 2020-06-29 14:57:38.157225
부족분 점수: 40.95181443914026
추가분 점수: 0.8003808197824758
기타 점수: 30.0
[Episode 1013] - Mean score over last 1 times:71.75219525892274

epoch 1013 start, epsilon: 0.001 time: 2020-06-29 14:57:41.571182
부족분 점수: 40.95181443914026
추가분 점수: 0.8048661124770096
기타 점수: 30.0
[Episode 1014] - Mean score over last 1 times:71.75668055161726

epoch 1014 start, epsilon: 0.001 time: 2020-06-29 14:57:45.000551
부족분 점수: 40.95181443914026
추가분 점수: 0.8110570452427779
기타 점수: 30.0
[Episode 1015] - Mean score over last 1 times:71.76287148438303

epoch 1015 start, epsilon: 0.001 time: 2020-06-29 14:57:48.448782
부족분 점수: 40.95181443914026
추가분 점수: 0.8120892769861787
기타 점수: 30.0
[Episode 1016] - Mean score over last 1 times:71.76390371612644

epoch 1016 start, epsilon: 0.001 time: 2020-06-29 14:57:51.920391
부족분 점수: 40.95181443914026
추가분 점수: 0.8210598623752441
기타 점수: 30.0
[Episode 1017] - Mean score over last 1 times:71.7728743015155

epoch 1017 start, epsilon: 0.001 time: 2020-06-29 14:57:55.343043
부족분 점수: 40.95181443914026
추가분 점수: 0.5967184246914758
기타 점수: 30.0
[Episode 1018] - Mean score over last 1 times:71.54853286383172

epoch 1018 start, epsilon: 0.001 time: 2020-06-29 14:57:58.800381
부족분 점수: 40.95181443914026
추가분 점수: 0.6236301808586764
기타 점수: 30.0
[Episode 1019] - Mean score over last 1 times:71.57544461999893

epoch 1019 start, epsilon: 0.001 time: 2020-06-29 14:58:02.268388
부족분 점수: 40.92515613273149
추가분 점수: 0.8221719691940277
기타 점수: 30.0
[Episode 1020] - Mean score over last 1 times:71.74732810192552

epoch 1020 start, epsilon: 0.001 time: 2020-06-29 14:58:05.777301
부족분 점수: 40.95181443914026
추가분 점수: 0.8072433176051108
기타 점수: 30.0
[Episode 1021] - Mean score over last 1 times:71.75905775674536

epoch 1021 start, epsilon: 0.001 time: 2020-06-29 14:58:09.291116
부족분 점수: 40.15360130601893
추가분 점수: 1.3868654040465334
기타 점수: 30.0
[Episode 1022] - Mean score over last 1 times:71.54046671006546

epoch 1022 start, epsilon: 0.001 time: 2020-06-29 14:58:12.746139
부족분 점수: 40.15360130601893
추가분 점수: 1.3868654040465334
기타 점수: 30.0
[Episode 1023] - Mean score over last 1 times:71.54046671006546

epoch 1023 start, epsilon: 0.001 time: 2020-06-29 14:58:16.184481
부족분 점수: 40.15360130601893
추가분 점수: 1.3938624606500039
기타 점수: 30.0
[Episode 1024] - Mean score over last 1 times:71.54746376666893

epoch 1024 start, epsilon: 0.001 time: 2020-06-29 14:58:19.624274
부족분 점수: 40.15360130601893
추가분 점수: 1.427248398888754
기타 점수: 30.0
[Episode 1025] - Mean score over last 1 times:71.58084970490768

epoch 1025 start, epsilon: 0.001 time: 2020-06-29 14:58:23.148113
부족분 점수: 39.26460400548926
추가분 점수: 1.831364054311364
기타 점수: 30.0
[Episode 1026] - Mean score over last 1 times:71.09596805980063

epoch 1026 start, epsilon: 0.001 time: 2020-06-29 14:58:26.556213
부족분 점수: 39.129479954889014
추가분 점수: 1.898926079611487
기타 점수: 30.0
[Episode 1027] - Mean score over last 1 times:71.0284060345005

epoch 1027 start, epsilon: 0.001 time: 2020-06-29 14:58:30.012373
부족분 점수: 39.129479954889014
추가분 점수: 1.898926079611487
기타 점수: 30.0
[Episode 1028] - Mean score over last 1 times:71.0284060345005

epoch 1028 start, epsilon: 0.001 time: 2020-06-29 14:58:33.447472
부족분 점수: 42.111778716548855
추가분 점수: 2.909082195446322
기타 점수: 30.0
[Episode 1029] - Mean score over last 1 times:75.02086091199519

epoch 1029 start, epsilon: 0.001 time: 2020-06-29 14:58:36.882069
부족분 점수: 39.129479954889014
추가분 점수: 1.898926079611487
기타 점수: 30.0
[Episode 1030] - Mean score over last 1 times:71.0284060345005

epoch 1030 start, epsilon: 0.001 time: 2020-06-29 14:58:40.338133
부족분 점수: 39.129479954889014
추가분 점수: 1.8944407869169533
기타 점수: 30.0
[Episode 1031] - Mean score over last 1 times:71.02392074180597

epoch 1031 start, epsilon: 0.001 time: 2020-06-29 14:58:43.780268
부족분 점수: 39.129479954889014
추가분 점수: 2.4158234982026583
기타 점수: 30.0
[Episode 1032] - Mean score over last 1 times:71.54530345309166

epoch 1032 start, epsilon: 0.001 time: 2020-06-29 14:58:47.246206
부족분 점수: 39.129479954889014
추가분 점수: 2.4158234982026583
기타 점수: 30.0
[Episode 1033] - Mean score over last 1 times:71.54530345309166

epoch 1033 start, epsilon: 0.001 time: 2020-06-29 14:58:50.657426
부족분 점수: 36.68793391750687
추가분 점수: 1.4863989643274844
기타 점수: 30.0
[Episode 1034] - Mean score over last 1 times:68.17433288183435

epoch 1034 start, epsilon: 0.001 time: 2020-06-29 14:58:54.144554
부족분 점수: 39.380476626863285
추가분 점수: 3.2441304876096866
기타 점수: 30.0
[Episode 1035] - Mean score over last 1 times:72.62460711447298

epoch 1035 start, epsilon: 0.001 time: 2020-06-29 14:58:57.574249
부족분 점수: 36.668367596156536
추가분 점수: 1.48347922311044
기타 점수: 30.0
[Episode 1036] - Mean score over last 1 times:68.15184681926698

epoch 1036 start, epsilon: 0.001 time: 2020-06-29 14:59:01.033395

부족분 점수: 36.668367596156536

추가분 점수: 1.4895853654115743

기타 점수: 30.0

[Episode 1037] - Mean score over last 1 times:68.1579529615681

epoch 1037 start, epsilon: 0.001 time: 2020-06-29 14:59:04.412390

부족분 점수: 36.62024132717968

추가분 점수: 3.221356260347279

기타 점수: 30.0

[Episode 1038] - Mean score over last 1 times:69.84159758752696

epoch 1038 start, epsilon: 0.001 time: 2020-06-29 14:59:07.861805

부족분 점수: 36.572632710133654

추가분 점수: 3.2664445115531615

기타 점수: 30.0

[Episode 1039] - Mean score over last 1 times:69.83907722168681

epoch 1039 start, epsilon: 0.001 time: 2020-06-29 14:59:11.353094

부족분 점수: 36.582948883331085

추가분 점수: 3.1664857701017146

기타 점수: 30.0

[Episode 1040] - Mean score over last 1 times:69.7494346534328

epoch 1040 start, epsilon: 0.001 time: 2020-06-29 14:59:14.734959

부족분 점수: 36.571342420454414

추가분 점수: 3.233803254786438

기타 점수: 30.0

[Episode 1041] - Mean score over last 1 times:69.80514567524085

epoch 1041 start, epsilon: 0.001 time: 2020-06-29 14:59:18.175972

부족분 점수: 36.571342420454414

추가분 점수: 3.2251914928129333

기타 점수: 30.0

[Episode 1042] - Mean score over last 1 times:69.79653391326735

epoch 1042 start, epsilon: 0.001 time: 2020-06-29 14:59:21.665579

부족분 점수: 36.33314726536927

추가분 점수: 3.292143395421867

기타 점수: 30.0

[Episode 1043] - Mean score over last 1 times:69.62529066079114

epoch 1043 start, epsilon: 0.001 time: 2020-06-29 14:59:25.150861

부족분 점수: 36.22058485144618

추가분 점수: 2.42143871600202

기타 점수: 30.0

[Episode 1044] - Mean score over last 1 times:68.6420235674482

epoch 1044 start, epsilon: 0.001 time: 2020-06-29 14:59:28.571848

부족분 점수: 36.39447903478959

추가분 점수: 3.2782770823355345

기타 점수: 30.0

[Episode 1045] - Mean score over last 1 times:69.67275611712512

epoch 1045 start, epsilon: 0.001 time: 2020-06-29 14:59:32.058010

부족분 점수: 36.39447903478959

추가분 점수: 3.284735903815663

기타 점수: 30.0

[Episode 1046] - Mean score over last 1 times:69.67921493860526

epoch 1046 start, epsilon: 0.001 time: 2020-06-29 14:59:35.555606

부족분 점수: 35.54871719092877

추가분 점수: 5.917524069278725

기타 점수: 30.0

[Episode 1047] - Mean score over last 1 times:71.4662412602075

epoch 1047 start, epsilon: 0.001 time: 2020-06-29 14:59:39.004711

부족분 점수: 36.39447903478959

추가분 점수: 3.2782770823355345

기타 점수: 30.0

[Episode 1048] - Mean score over last 1 times:69.67275611712512

epoch 1048 start, epsilon: 0.001 time: 2020-06-29 14:59:42.446711

부족분 점수: 36.390611237870125

추가분 점수: 3.2611008690100984

기타 점수: 30.0

[Episode 1049] - Mean score over last 1 times:69.65171210688023

epoch 1049 start, epsilon: 0.001 time: 2020-06-29 14:59:45.871866

부족분 점수: 36.39447903478959

추가분 점수: 3.298020972122677

기타 점수: 30.0

[Episode 1050] - Mean score over last 1 times:69.69250000691227

epoch 1050 start, epsilon: 0.001 time: 2020-06-29 14:59:49.317094

부족분 점수: 36.35578570500353

추가분 점수: 3.5036169584615817

기타 점수: 30.0

[Episode 1051] - Mean score over last 1 times:69.85940266346512

epoch 1051 start, epsilon: 0.001 time: 2020-06-29 14:59:52.790146

부족분 점수: 36.36352437096074

추가분 점수: 3.4433549006277264

기타 점수: 30.0

[Episode 1052] - Mean score over last 1 times:69.80687927158846

epoch 1052 start, epsilon: 0.001 time: 2020-06-29 14:59:56.226252

부족분 점수: 36.33256970713189

추가분 점수: 3.634400720350295

기타 점수: 30.0

[Episode 1053] - Mean score over last 1 times:69.96697042748218

epoch 1053 start, epsilon: 0.001 time: 2020-06-29 14:59:59.677365

부족분 점수: 36.33256970713189

추가분 점수: 3.634400720350295

기타 점수: 30.0

[Episode 1054] - Mean score over last 1 times:69.96697042748218

epoch 1054 start, epsilon: 0.001 time: 2020-06-29 15:00:03.122993

부족분 점수: 36.339018083409854

추가분 점수: 3.5957104626825176

기타 점수: 30.0

[Episode 1055] - Mean score over last 1 times:69.93472854609237

epoch 1055 start, epsilon: 0.001 time: 2020-06-29 15:00:06.576109

부족분 점수: 37.39887892259583

추가분 점수: 1.266113337202155

기타 점수: 30.0

[Episode 1056] - Mean score over last 1 times:68.66499225979798

epoch 1056 start, epsilon: 0.001 time: 2020-06-29 15:00:10.139157

부족분 점수: 37.398233777756204

추가분 점수: 1.2819580944633358

기타 점수: 30.0

[Episode 1057] - Mean score over last 1 times:68.68019187221954

epoch 1057 start, epsilon: 0.001 time: 2020-06-29 15:00:13.614258

부족분 점수: 37.25985174571586

추가분 점수: 0.3742098127758964

기타 점수: 30.0

[Episode 1058] - Mean score over last 1 times:67.63406155849175

epoch 1058 start, epsilon: 0.001 time: 2020-06-29 15:00:17.044525

부족분 점수: 37.398233777756204

추가분 점수: 0.05538353399898055

기타 점수: 30.0

[Episode 1059] - Mean score over last 1 times:67.45361731175518

epoch 1059 start, epsilon: 0.001 time: 2020-06-29 15:00:20.519311

부족분 점수: 37.890603711180326

추가분 점수: 0

기타 점수: 30.0

[Episode 1060] - Mean score over last 1 times:67.89060371118032

epoch 1060 start, epsilon: 0.001 time: 2020-06-29 15:00:24.006129

부족분 점수: 41.78616029145801

추가분 점수: 0

기타 점수: 30.0

[Episode 1061] - Mean score over last 1 times:71.786160291458

epoch 1061 start, epsilon: 0.001 time: 2020-06-29 15:00:27.476906

부족분 점수: 41.86656530724409

추가분 점수: 0

기타 점수: 30.0

[Episode 1062] - Mean score over last 1 times:71.86656530724409

epoch 1062 start, epsilon: 0.001 time: 2020-06-29 15:00:30.927072

부족분 점수: 42.16223057906665

추가분 점수: 0

기타 점수: 30.0

[Episode 1063] - Mean score over last 1 times:72.16223057906666

epoch 1063 start, epsilon: 0.001 time: 2020-06-29 15:00:34.366494

부족분 점수: 42.21918765205066

추가분 점수: 0

기타 점수: 30.0

[Episode 1064] - Mean score over last 1 times:72.21918765205066

epoch 1064 start, epsilon: 0.001 time: 2020-06-29 15:00:37.835832

부족분 점수: 42.21918765205066

추가분 점수: 0

기타 점수: 30.0

[Episode 1065] - Mean score over last 1 times:72.21918765205066

epoch 1065 start, epsilon: 0.001 time: 2020-06-29 15:00:41.278988

부족분 점수: 42.218278305038616

추가분 점수: 0

기타 점수: 30.0

[Episode 1066] - Mean score over last 1 times:72.21827830503861

epoch 1066 start, epsilon: 0.001 time: 2020-06-29 15:00:44.749000

부족분 점수: 42.18427456381296

추가분 점수: 0

기타 점수: 30.0

[Episode 1067] - Mean score over last 1 times:72.18427456381296

epoch 1067 start, epsilon: 0.001 time: 2020-06-29 15:00:48.161009

부족분 점수: 42.21918765205066

추가분 점수: 0

기타 점수: 30.0

[Episode 1068] - Mean score over last 1 times:72.21918765205066

epoch 1068 start, epsilon: 0.001 time: 2020-06-29 15:00:51.556250

부족분 점수: 42.205547446870014

추가분 점수: 0

기타 점수: 30.0

[Episode 1069] - Mean score over last 1 times:72.20554744687001

epoch 1069 start, epsilon: 0.001 time: 2020-06-29 15:00:55.033272

부족분 점수: 42.21250579478311

추가분 점수: 0

기타 점수: 30.0

[Episode 1070] - Mean score over last 1 times:72.21250579478311

epoch 1070 start, epsilon: 0.001 time: 2020-06-29 15:00:58.515561

부족분 점수: 42.2166746592944

추가분 점수: 0

기타 점수: 30.0

[Episode 1071] - Mean score over last 1 times:72.2166746592944

epoch 1071 start, epsilon: 0.001 time: 2020-06-29 15:01:01.931068

부족분 점수: 42.21918765205066

추가분 점수: 0

기타 점수: 30.0

[Episode 1072] - Mean score over last 1 times:72.21918765205066

epoch 1072 start, epsilon: 0.001 time: 2020-06-29 15:01:05.383278

부족분 점수: 42.46813982930696

추가분 점수: 0

기타 점수: 30.0

[Episode 1073] - Mean score over last 1 times:72.46813982930696

epoch 1073 start, epsilon: 0.001 time: 2020-06-29 15:01:08.842779

부족분 점수: 42.17250681472638

추가분 점수: 0

기타 점수: 30.0

[Episode 1074] - Mean score over last 1 times:72.17250681472638

epoch 1074 start, epsilon: 0.001 time: 2020-06-29 15:01:12.293907

부족분 점수: 42.21918765205066

추가분 점수: 0

기타 점수: 30.0

[Episode 1075] - Mean score over last 1 times:72.21918765205066

epoch 1075 start, epsilon: 0.001 time: 2020-06-29 15:01:15.757924

부족분 점수: 42.21918765205066

추가분 점수: 0

기타 점수: 30.0

[Episode 1076] - Mean score over last 1 times:72.21918765205066

epoch 1076 start, epsilon: 0.001 time: 2020-06-29 15:01:19.211908

부족분 점수: 42.21918765205066

추가분 점수: 0

기타 점수: 30.0

[Episode 1077] - Mean score over last 1 times:72.21918765205066

epoch 1077 start, epsilon: 0.001 time: 2020-06-29 15:01:22.687433

부족분 점수: 37.97605468124776

추가분 점수: 0

기타 점수: 30.0

[Episode 1078] - Mean score over last 1 times:67.97605468124776

epoch 1078 start, epsilon: 0.001 time: 2020-06-29 15:01:26.113602

부족분 점수: 42.629622654783304

추가분 점수: 0

기타 점수: 30.0

[Episode 1079] - Mean score over last 1 times:72.6296226547833

epoch 1079 start, epsilon: 0.001 time: 2020-06-29 15:01:29.540586

부족분 점수: 42.629622654783304

추가분 점수: 0

기타 점수: 30.0

[Episode 1080] - Mean score over last 1 times:72.6296226547833

epoch 1080 start, epsilon: 0.001 time: 2020-06-29 15:01:32.960260

부족분 점수: 42.629622654783304

추가분 점수: 0

기타 점수: 30.0

[Episode 1081] - Mean score over last 1 times:72.6296226547833

epoch 1081 start, epsilon: 0.001 time: 2020-06-29 15:01:36.381965

부족분 점수: 37.03419236928828

추가분 점수: 0

기타 점수: 30.0

[Episode 1082] - Mean score over last 1 times:67.03419236928828

epoch 1082 start, epsilon: 0.001 time: 2020-06-29 15:01:39.789663

부족분 점수: 42.629622654783304

추가분 점수: 0

기타 점수: 30.0

[Episode 1083] - Mean score over last 1 times:72.6296226547833

epoch 1083 start, epsilon: 0.001 time: 2020-06-29 15:01:43.241296

부족분 점수: 42.629622654783304

추가분 점수: 0

기타 점수: 30.0

[Episode 1084] - Mean score over last 1 times:72.6296226547833

epoch 1084 start, epsilon: 0.001 time: 2020-06-29 15:01:46.721115

부족분 점수: 42.64857916065428

추가분 점수: 0

기타 점수: 30.0

[Episode 1085] - Mean score over last 1 times:72.64857916065428

epoch 1085 start, epsilon: 0.001 time: 2020-06-29 15:01:50.145189

부족분 점수: 40.52616630666561

추가분 점수: 1.3351340042634852

기타 점수: 30.0

[Episode 1086] - Mean score over last 1 times:71.8613003109291

epoch 1086 start, epsilon: 0.001 time: 2020-06-29 15:01:53.555491

부족분 점수: 40.52616630666561

추가분 점수: 1.3351340042634852

기타 점수: 30.0

[Episode 1087] - Mean score over last 1 times:71.8613003109291

epoch 1087 start, epsilon: 0.001 time: 2020-06-29 15:01:57.029050
부족분 점수: 40.52616630666561
추가분 점수: 1.3351340042634852
기타 점수: 30.0
[Episode 1088] - Mean score over last 1 times:71.8613003109291

epoch 1088 start, epsilon: 0.001 time: 2020-06-29 15:02:00.516106
부족분 점수: 40.52571163315958
추가분 점수: 1.3351340042634852
기타 점수: 30.0
[Episode 1089] - Mean score over last 1 times:71.86084563742307

epoch 1089 start, epsilon: 0.001 time: 2020-06-29 15:02:03.952484
부족분 점수: 39.83083227063642
추가분 점수: 0.8914064556879198
기타 점수: 30.0
[Episode 1090] - Mean score over last 1 times:70.72223872632435

epoch 1090 start, epsilon: 0.001 time: 2020-06-29 15:02:07.444186
부족분 점수: 39.83083227063642
추가분 점수: 0.8831486017407242
기타 점수: 30.0
[Episode 1091] - Mean score over last 1 times:70.71398087237714

epoch 1091 start, epsilon: 0.001 time: 2020-06-29 15:02:10.952035
부족분 점수: 39.48161844106586
추가분 점수: 0.962448576580075
기타 점수: 30.0
[Episode 1092] - Mean score over last 1 times:70.44406701764593

epoch 1092 start, epsilon: 0.001 time: 2020-06-29 15:02:14.379271
부족분 점수: 39.48161844106586
추가분 점수: 0.8561876916809807
기타 점수: 30.0
[Episode 1093] - Mean score over last 1 times:70.33780613274683

epoch 1093 start, epsilon: 0.001 time: 2020-06-29 15:02:17.835081
부족분 점수: 39.48161844106586
추가분 점수: 0.870908668073902
기타 점수: 30.0
[Episode 1094] - Mean score over last 1 times:70.35252710913977

epoch 1094 start, epsilon: 0.001 time: 2020-06-29 15:02:21.251613
부족분 점수: 39.48161844106586
추가분 점수: 0.8547554701370141
기타 점수: 30.0
[Episode 1095] - Mean score over last 1 times:70.33637391120288

epoch 1095 start, epsilon: 0.001 time: 2020-06-29 15:02:24.712457
부족분 점수: 39.48161844106586
추가분 점수: 1.1688488434857125
기타 점수: 30.0
[Episode 1096] - Mean score over last 1 times:70.65046728455158

epoch 1096 start, epsilon: 0.001 time: 2020-06-29 15:02:28.153336
부족분 점수: 39.48161844106586
추가분 점수: 1.1688488434857125
기타 점수: 30.0
[Episode 1097] - Mean score over last 1 times:70.65046728455158

epoch 1097 start, epsilon: 0.001 time: 2020-06-29 15:02:31.635233
부족분 점수: 39.48161844106586
추가분 점수: 1.1553776048106923
기타 점수: 30.0
[Episode 1098] - Mean score over last 1 times:70.63699604587656

epoch 1098 start, epsilon: 0.001 time: 2020-06-29 15:02:35.073977
부족분 점수: 39.00145864176121
추가분 점수: 1.8182387361551156
기타 점수: 30.0
[Episode 1099] - Mean score over last 1 times:70.81969737791633

epoch 1099 start, epsilon: 0.001 time: 2020-06-29 15:02:38.506995
부족분 점수: 39.00145864176121
추가분 점수: 2.042580173838886
기타 점수: 30.0
[Episode 1100] - Mean score over last 1 times:71.04403881560009

epoch 1100 start, epsilon: 0.001 time: 2020-06-29 15:02:41.948882
부족분 점수: 39.00145864176121
추가분 점수: 1.9910650511830275
기타 점수: 30.0
[Episode 1101] - Mean score over last 1 times:70.99252369294425

epoch 1101 start, epsilon: 0.001 time: 2020-06-29 15:02:45.403535
부족분 점수: 39.00145864176121
추가분 점수: 1.9752700622380437
기타 점수: 30.0
[Episode 1102] - Mean score over last 1 times:70.97672870399926

epoch 1102 start, epsilon: 0.001 time: 2020-06-29 15:02:48.891541
부족분 점수: 39.01600819395389
추가분 점수: 1.9813503987455916
기타 점수: 30.0
[Episode 1103] - Mean score over last 1 times:70.99735859269947

epoch 1103 start, epsilon: 0.001 time: 2020-06-29 15:02:52.308346
부족분 점수: 39.00145864176121
추가분 점수: 2.0684228328432797
기타 점수: 30.0
[Episode 1104] - Mean score over last 1 times:71.0698814746045

epoch 1104 start, epsilon: 0.001 time: 2020-06-29 15:02:55.732109
부족분 점수: 39.01600819395389
추가분 점수: 2.2552131543189535
기타 점수: 30.0
[Episode 1105] - Mean score over last 1 times:71.27122134827283

epoch 1105 start, epsilon: 0.001 time: 2020-06-29 15:02:59.162721
부족분 점수: 39.00145864176121
추가분 점수: 2.219195025134535
기타 점수: 30.0
[Episode 1106] - Mean score over last 1 times:71.22065366689574

epoch 1106 start, epsilon: 0.001 time: 2020-06-29 15:03:02.588035
부족분 점수: 38.957809985183175
추가분 점수: 2.743730958626862
기타 점수: 30.0
[Episode 1107] - Mean score over last 1 times:71.70154094381004

epoch 1107 start, epsilon: 0.001 time: 2020-06-29 15:03:06.009228
부족분 점수: 39.00145864176121
추가분 점수: 2.9267044803465847
기타 점수: 30.0
[Episode 1108] - Mean score over last 1 times:71.9281631221078

epoch 1108 start, epsilon: 0.001 time: 2020-06-29 15:03:09.499427
부족분 점수: 35.990532345872595
추가분 점수: 4.789811504038452
기타 점수: 30.0
[Episode 1109] - Mean score over last 1 times:70.78034384991105

epoch 1109 start, epsilon: 0.001 time: 2020-06-29 15:03:12.950017
부족분 점수: 35.990532345872595
추가분 점수: 4.8027365200825916
기타 점수: 30.0
[Episode 1110] - Mean score over last 1 times:70.79326886595518

epoch 1110 start, epsilon: 0.001 time: 2020-06-29 15:03:16.404458
부족분 점수: 36.03021796986437
추가분 점수: 4.553148414341508
기타 점수: 30.0
[Episode 1111] - Mean score over last 1 times:70.58336638420587

epoch 1111 start, epsilon: 0.001 time: 2020-06-29 15:03:19.859641
부족분 점수: 35.98279367991538
추가분 점수: 4.484518520725893
기타 점수: 30.0
[Episode 1112] - Mean score over last 1 times:70.46731220064127

epoch 1112 start, epsilon: 0.001 time: 2020-06-29 15:03:23.356360
부족분 점수: 35.990532345872595
추가분 점수: 4.484518520725893
기타 점수: 30.0
[Episode 1113] - Mean score over last 1 times:70.47505086659848

epoch 1113 start, epsilon: 0.001 time: 2020-06-29 15:03:26.787344
부족분 점수: 35.990532345872595
추가분 점수: 4.4755479353368255
기타 점수: 30.0
[Episode 1114] - Mean score over last 1 times:70.46608028120943

epoch 1114 start, epsilon: 0.001 time: 2020-06-29 15:03:30.219392
부족분 점수: 35.990532345872595
추가분 점수: 4.4620920572532246
기타 점수: 30.0
[Episode 1115] - Mean score over last 1 times:70.45262440312581

epoch 1115 start, epsilon: 0.001 time: 2020-06-29 15:03:33.635980
부족분 점수: 35.990532345872595
추가분 점수: 4.453106111272738
기타 점수: 30.0
[Episode 1116] - Mean score over last 1 times:70.44363845714534

epoch 1116 start, epsilon: 0.001 time: 2020-06-29 15:03:37.084142
부족분 점수: 35.990532345872595
추가분 점수: 4.484518520725893
기타 점수: 30.0
[Episode 1117] - Mean score over last 1 times:70.47505086659848

epoch 1117 start, epsilon: 0.001 time: 2020-06-29 15:03:40.505034

부족분 점수: 35.990532345872595

추가분 점수: 4.484518520725893

기타 점수: 30.0

[Episode 1118] - Mean score over last 1 times:70.47505086659848

epoch 1118 start, epsilon: 0.001 time: 2020-06-29 15:03:43.977196

부족분 점수: 35.990532345872595

추가분 점수: 4.484518520725893

기타 점수: 30.0

[Episode 1119] - Mean score over last 1 times:70.47505086659848

epoch 1119 start, epsilon: 0.001 time: 2020-06-29 15:03:47.391140

부족분 점수: 35.990532345872595

추가분 점수: 4.484518520725893

기타 점수: 30.0

[Episode 1120] - Mean score over last 1 times:70.47505086659848

epoch 1120 start, epsilon: 0.001 time: 2020-06-29 15:03:51.082210

부족분 점수: 35.990532345872595

추가분 점수: 4.269147668431188

기타 점수: 30.0

[Episode 1121] - Mean score over last 1 times:70.25968001430378

epoch 1121 start, epsilon: 0.001 time: 2020-06-29 15:03:54.540890

부족분 점수: 35.969199556509004

추가분 점수: 4.297037587059993

기타 점수: 30.0

[Episode 1122] - Mean score over last 1 times:70.266237143569

epoch 1122 start, epsilon: 0.001 time: 2020-06-29 15:03:58.035360

부족분 점수: 35.990532345872595

추가분 점수: 4.269147668431188

기타 점수: 30.0

[Episode 1123] - Mean score over last 1 times:70.25968001430378

epoch 1123 start, epsilon: 0.001 time: 2020-06-29 15:04:01.524727

부족분 점수: 35.95747020890097

추가분 점수: 5.350729919943669

기타 점수: 30.0

[Episode 1124] - Mean score over last 1 times:71.30820012884465

epoch 1124 start, epsilon: 0.001 time: 2020-06-29 15:04:04.992962

부족분 점수: 35.990532345872595

추가분 점수: 4.300560077884343

기타 점수: 30.0

[Episode 1125] - Mean score over last 1 times:70.29109242375694

epoch 1125 start, epsilon: 0.001 time: 2020-06-29 15:04:08.528689

부족분 점수: 35.990532345872595

추가분 점수: 3.4076488986609554

기타 점수: 30.0

[Episode 1126] - Mean score over last 1 times:69.39818124453355

epoch 1126 start, epsilon: 0.001 time: 2020-06-29 15:04:11.996388

부족분 점수: 35.56300561306732

추가분 점수: 2.9948778571852075

기타 점수: 30.0

[Episode 1127] - Mean score over last 1 times:68.55788347025253

epoch 1127 start, epsilon: 0.001 time: 2020-06-29 15:04:15.427955

부족분 점수: 35.55362950806477

추가분 점수: 2.9948409917658014

기타 점수: 30.0

[Episode 1128] - Mean score over last 1 times:68.54847049983057

epoch 1128 start, epsilon: 0.001 time: 2020-06-29 15:04:18.876777

부족분 점수: 35.55590287559488

추가분 점수: 1.9215596038564908

기타 점수: 30.0

[Episode 1129] - Mean score over last 1 times:67.47746247945138

epoch 1129 start, epsilon: 0.001 time: 2020-06-29 15:04:22.343894

부족분 점수: 35.55590287559488

추가분 점수: 1.933945770353629

기타 점수: 30.0

[Episode 1130] - Mean score over last 1 times:67.48984864594851

epoch 1130 start, epsilon: 0.001 time: 2020-06-29 15:04:25.775788

부족분 점수: 35.541353323402205

추가분 점수: 1.9241057754902102

기타 점수: 30.0

[Episode 1131] - Mean score over last 1 times:67.46545909889241

epoch 1131 start, epsilon: 0.001 time: 2020-06-29 15:04:29.555769

부족분 점수: 35.55590287559488

추가분 점수: 1.9215596038564908

기타 점수: 30.0

[Episode 1132] - Mean score over last 1 times:67.47746247945138

epoch 1132 start, epsilon: 0.001 time: 2020-06-29 15:04:33.000274

부족분 점수: 35.55590287559488

추가분 점수: 1.9215596038564908

기타 점수: 30.0

[Episode 1133] - Mean score over last 1 times:67.47746247945138

epoch 1133 start, epsilon: 0.001 time: 2020-06-29 15:04:36.437635

부족분 점수: 39.16882457375127

추가분 점수: 2.914035678967326

기타 점수: 30.0

[Episode 1134] - Mean score over last 1 times:72.0828602527186

epoch 1134 start, epsilon: 0.001 time: 2020-06-29 15:04:39.852280

부족분 점수: 36.000499833644795

추가분 점수: 3.645620710746853

기타 점수: 30.0

[Episode 1135] - Mean score over last 1 times:69.64612054439165

epoch 1135 start, epsilon: 0.001 time: 2020-06-29 15:04:43.324607

부족분 점수: 40.23515068586577

추가분 점수: 0

기타 점수: 30.0

[Episode 1136] - Mean score over last 1 times:70.23515068586576

epoch 1136 start, epsilon: 0.001 time: 2020-06-29 15:04:46.766949

부족분 점수: 40.17695247709505

추가분 점수: 0

기타 점수: 30.0

[Episode 1137] - Mean score over last 1 times:70.17695247709506

epoch 1137 start, epsilon: 0.001 time: 2020-06-29 15:04:50.182607

부족분 점수: 40.11976038706233

추가분 점수: 0

기타 점수: 30.0

[Episode 1138] - Mean score over last 1 times:70.11976038706233

epoch 1138 start, epsilon: 0.001 time: 2020-06-29 15:04:53.621918

부족분 점수: 40.186625041511995

추가분 점수: 0

기타 점수: 30.0

[Episode 1139] - Mean score over last 1 times:70.186625041512

epoch 1139 start, epsilon: 0.001 time: 2020-06-29 15:04:57.070644

부족분 점수: 40.17695247709505

추가분 점수: 0

기타 점수: 30.0

[Episode 1140] - Mean score over last 1 times:70.17695247709506

epoch 1140 start, epsilon: 0.001 time: 2020-06-29 15:05:00.501285

부족분 점수: 40.17695247709505

추가분 점수: 0

기타 점수: 30.0

[Episode 1141] - Mean score over last 1 times:70.17695247709506

epoch 1141 start, epsilon: 0.001 time: 2020-06-29 15:05:03.922545

부족분 점수: 40.17695247709505

추가분 점수: 0

기타 점수: 30.0

[Episode 1142] - Mean score over last 1 times:70.17695247709506

epoch 1142 start, epsilon: 0.001 time: 2020-06-29 15:05:07.384660

부족분 점수: 40.17695247709505

추가분 점수: 0

기타 점수: 30.0

[Episode 1143] - Mean score over last 1 times:70.17695247709506

epoch 1143 start, epsilon: 0.001 time: 2020-06-29 15:05:10.812803

부족분 점수: 40.17695247709505

추가분 점수: 0

기타 점수: 30.0

[Episode 1144] - Mean score over last 1 times:70.17695247709506

epoch 1144 start, epsilon: 0.001 time: 2020-06-29 15:05:14.250103

부족분 점수: 40.17695247709505

추가분 점수: 0

기타 점수: 30.0

[Episode 1145] - Mean score over last 1 times:70.17695247709506

epoch 1145 start, epsilon: 0.001 time: 2020-06-29 15:05:17.711013

부족분 점수: 40.17695247709505

추가분 점수: 0

기타 점수: 30.0

[Episode 1146] - Mean score over last 1 times:70.17695247709506

epoch 1146 start, epsilon: 0.001 time: 2020-06-29 15:05:21.213396

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1147] - Mean score over last 1 times:67.37810986693734

epoch 1147 start, epsilon: 0.001 time: 2020-06-29 15:05:24.657451

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1148] - Mean score over last 1 times:67.37810986693734

epoch 1148 start, epsilon: 0.001 time: 2020-06-29 15:05:28.113421

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1149] - Mean score over last 1 times:67.37810986693734

epoch 1149 start, epsilon: 0.001 time: 2020-06-29 15:05:31.555493

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1150] - Mean score over last 1 times:67.37810986693734

epoch 1150 start, epsilon: 0.001 time: 2020-06-29 15:05:35.020107

부족분 점수: 37.42031155580364

추가분 점수: 0

기타 점수: 30.0

[Episode 1151] - Mean score over last 1 times:67.42031155580364

epoch 1151 start, epsilon: 0.001 time: 2020-06-29 15:05:38.449503

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1152] - Mean score over last 1 times:67.37810986693734

epoch 1152 start, epsilon: 0.001 time: 2020-06-29 15:05:41.870200

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1153] - Mean score over last 1 times:67.37810986693734

epoch 1153 start, epsilon: 0.001 time: 2020-06-29 15:05:45.311820

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1154] - Mean score over last 1 times:67.37810986693734

epoch 1154 start, epsilon: 0.001 time: 2020-06-29 15:05:48.761601

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1155] - Mean score over last 1 times:67.37810986693734

epoch 1155 start, epsilon: 0.001 time: 2020-06-29 15:05:52.231213

부족분 점수: 37.35274799444438

추가분 점수: 0

기타 점수: 30.0

[Episode 1156] - Mean score over last 1 times:67.35274799444437

epoch 1156 start, epsilon: 0.001 time: 2020-06-29 15:05:55.700910

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1157] - Mean score over last 1 times:67.37810986693734

epoch 1157 start, epsilon: 0.001 time: 2020-06-29 15:05:59.133515

부족분 점수: 37.38654436768586

추가분 점수: 0

기타 점수: 30.0

[Episode 1158] - Mean score over last 1 times:67.38654436768586

epoch 1158 start, epsilon: 0.001 time: 2020-06-29 15:06:02.556858

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1159] - Mean score over last 1 times:67.37810986693734

epoch 1159 start, epsilon: 0.001 time: 2020-06-29 15:06:05.999300

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1160] - Mean score over last 1 times:67.37810986693734

epoch 1160 start, epsilon: 0.001 time: 2020-06-29 15:06:09.534991

부족분 점수: 37.94657617025434

추가분 점수: 0

기타 점수: 30.0

[Episode 1161] - Mean score over last 1 times:67.94657617025433

epoch 1161 start, epsilon: 0.001 time: 2020-06-29 15:06:12.948742

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1162] - Mean score over last 1 times:67.37810986693734

epoch 1162 start, epsilon: 0.001 time: 2020-06-29 15:06:16.406031

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1163] - Mean score over last 1 times:67.37810986693734

epoch 1163 start, epsilon: 0.001 time: 2020-06-29 15:06:19.841030

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1164] - Mean score over last 1 times:67.37810986693734

epoch 1164 start, epsilon: 0.001 time: 2020-06-29 15:06:23.284738

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1165] - Mean score over last 1 times:67.37810986693734

epoch 1165 start, epsilon: 0.001 time: 2020-06-29 15:06:26.729152

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1166] - Mean score over last 1 times:67.37810986693734

epoch 1166 start, epsilon: 0.001 time: 2020-06-29 15:06:30.141609

부족분 점수: 37.378109866937336

추가분 점수: 0

기타 점수: 30.0

[Episode 1167] - Mean score over last 1 times:67.37810986693734

epoch 1167 start, epsilon: 0.001 time: 2020-06-29 15:06:33.571591

부족분 점수: 37.38654436768586

추가분 점수: 0

기타 점수: 30.0

[Episode 1168] - Mean score over last 1 times:67.38654436768586

epoch 1168 start, epsilon: 0.001 time: 2020-06-29 15:06:36.977811
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1169] - Mean score over last 1 times:67.37810986693734

epoch 1169 start, epsilon: 0.001 time: 2020-06-29 15:06:40.440499
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1170] - Mean score over last 1 times:67.37810986693734

epoch 1170 start, epsilon: 0.001 time: 2020-06-29 15:06:43.840596
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1171] - Mean score over last 1 times:67.37810986693734

epoch 1171 start, epsilon: 0.001 time: 2020-06-29 15:06:47.301976
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1172] - Mean score over last 1 times:67.37810986693734

epoch 1172 start, epsilon: 0.001 time: 2020-06-29 15:06:50.770732
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1173] - Mean score over last 1 times:67.37810986693734

epoch 1173 start, epsilon: 0.001 time: 2020-06-29 15:06:54.227313
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1174] - Mean score over last 1 times:67.37810986693734

epoch 1174 start, epsilon: 0.001 time: 2020-06-29 15:06:57.662341
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1175] - Mean score over last 1 times:67.37810986693734

epoch 1175 start, epsilon: 0.001 time: 2020-06-29 15:07:01.103778
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1176] - Mean score over last 1 times:67.37810986693734

epoch 1176 start, epsilon: 0.001 time: 2020-06-29 15:07:04.571530
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1177] - Mean score over last 1 times:67.37810986693734

epoch 1177 start, epsilon: 0.001 time: 2020-06-29 15:07:07.996618
부족분 점수: 42.78447738506207
추가분 점수: 0
기타 점수: 30.0
[Episode 1178] - Mean score over last 1 times:72.78447738506208

epoch 1178 start, epsilon: 0.001 time: 2020-06-29 15:07:11.431851
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1179] - Mean score over last 1 times:67.37810986693734

epoch 1179 start, epsilon: 0.001 time: 2020-06-29 15:07:14.806498
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1180] - Mean score over last 1 times:67.37810986693734

epoch 1180 start, epsilon: 0.001 time: 2020-06-29 15:07:18.215765
부족분 점수: 39.87133815020999
추가분 점수: 0.8379202619410941
기타 점수: 30.0
[Episode 1181] - Mean score over last 1 times:70.70925841215109

epoch 1181 start, epsilon: 0.001 time: 2020-06-29 15:07:21.705342
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1182] - Mean score over last 1 times:67.37810986693734

epoch 1182 start, epsilon: 0.001 time: 2020-06-29 15:07:25.144227
부족분 점수: 37.378109866937336
추가분 점수: 0
기타 점수: 30.0
[Episode 1183] - Mean score over last 1 times:67.37810986693734

epoch 1183 start, epsilon: 0.001 time: 2020-06-29 15:07:28.626196
부족분 점수: 39.6967926777904
추가분 점수: 0.8911017015541534
기타 점수: 30.0
[Episode 1184] - Mean score over last 1 times:70.58789437934456

epoch 1184 start, epsilon: 0.001 time: 2020-06-29 15:07:32.086786
부족분 점수: 39.6967926777904
추가분 점수: 0.8911017015541534
기타 점수: 30.0
[Episode 1185] - Mean score over last 1 times:70.58789437934456

epoch 1185 start, epsilon: 0.001 time: 2020-06-29 15:07:35.524950
부족분 점수: 39.8189938628293
추가분 점수: 0.6151062814680919
기타 점수: 30.0
[Episode 1186] - Mean score over last 1 times:70.43410014429739

epoch 1186 start, epsilon: 0.001 time: 2020-06-29 15:07:38.956467
부족분 점수: 39.64699978464451
추가분 점수: 0.9159981481270973
기타 점수: 30.0
[Episode 1187] - Mean score over last 1 times:70.5629979327716

epoch 1187 start, epsilon: 0.001 time: 2020-06-29 15:07:42.399255
부족분 점수: 39.746560993990016
추가분 점수: 0.9559541185278531
기타 점수: 30.0
[Episode 1188] - Mean score over last 1 times:70.70251511251787

epoch 1188 start, epsilon: 0.001 time: 2020-06-29 15:07:45.799702

부족분 점수: 39.6967926777904
추가분 점수: 0.9987794474057954
기타 점수: 30.0

[Episode 1189] - Mean score over last 1 times:70.6955721251962

epoch 1189 start, epsilon: 0.001 time: 2020-06-29 15:07:49.256293

부족분 점수: 39.6967926777904
추가분 점수: 1.1366266236529143
기타 점수: 30.0

[Episode 1190] - Mean score over last 1 times:70.83341930144331

epoch 1190 start, epsilon: 0.001 time: 2020-06-29 15:07:52.682020

부족분 점수: 39.6967926777904
추가분 점수: 1.1245974373003698
기타 점수: 30.0

[Episode 1191] - Mean score over last 1 times:70.82139011509076

epoch 1191 start, epsilon: 0.001 time: 2020-06-29 15:07:56.163111

부족분 점수: 39.6967926777904
추가분 점수: 1.1097148674857138
기타 점수: 30.0

[Episode 1192] - Mean score over last 1 times:70.8065075452761

epoch 1192 start, epsilon: 0.001 time: 2020-06-29 15:07:59.587075

부족분 점수: 39.6967926777904
추가분 점수: 1.1366266236529143
기타 점수: 30.0

[Episode 1193] - Mean score over last 1 times:70.83341930144331

epoch 1193 start, epsilon: 0.001 time: 2020-06-29 15:08:03.008773

부족분 점수: 39.6967926777904
추가분 점수: 1.1142001601802476
기타 점수: 30.0

[Episode 1194] - Mean score over last 1 times:70.81099283797064

epoch 1194 start, epsilon: 0.001 time: 2020-06-29 15:08:06.466157

부족분 점수: 39.6967926777904
추가분 점수: 1.1237016076087758
기타 점수: 30.0

[Episode 1195] - Mean score over last 1 times:70.82049428539918

epoch 1195 start, epsilon: 0.001 time: 2020-06-29 15:08:09.963289

부족분 점수: 39.71812546715399
추가분 점수: 1.1528873457297406
기타 점수: 30.0

[Episode 1196] - Mean score over last 1 times:70.87101281288372

epoch 1196 start, epsilon: 0.001 time: 2020-06-29 15:08:13.410382

부족분 점수: 39.00145864176121
추가분 점수: 0.6846412211301534
기타 점수: 30.0

[Episode 1197] - Mean score over last 1 times:69.68609986289137

epoch 1197 start, epsilon: 0.001 time: 2020-06-29 15:08:16.935902

부족분 점수: 39.00145864176121
추가분 점수: 0.6846412211301534
기타 점수: 30.0

[Episode 1198] - Mean score over last 1 times:69.68609986289137

epoch 1198 start, epsilon: 0.001 time: 2020-06-29 15:08:20.405054

부족분 점수: 38.98722858987006

추가분 점수: 0.718683363834347

기타 점수: 30.0

[Episode 1199] - Mean score over last 1 times:69.7059119537044

epoch 1199 start, epsilon: 0.001 time: 2020-06-29 15:08:23.836632

부족분 점수: 39.00145864176121

추가분 점수: 0

기타 점수: 30.0

[Episode 1200] - Mean score over last 1 times:69.00145864176122

epoch 1200 start, epsilon: 0.001 time: 2020-06-29 15:08:27.265459

부족분 점수: 38.95879306303403

추가분 점수: 0

기타 점수: 30.0

[Episode 1201] - Mean score over last 1 times:68.95879306303402

epoch 1201 start, epsilon: 0.001 time: 2020-06-29 15:08:30.679902

부족분 점수: 39.00145864176121

추가분 점수: 0

기타 점수: 30.0

[Episode 1202] - Mean score over last 1 times:69.00145864176122

epoch 1202 start, epsilon: 0.001 time: 2020-06-29 15:08:34.170445

부족분 점수: 39.00145864176121

추가분 점수: 0

기타 점수: 30.0

[Episode 1203] - Mean score over last 1 times:69.00145864176122

epoch 1203 start, epsilon: 0.001 time: 2020-06-29 15:08:37.603033

부족분 점수: 39.00145864176121

추가분 점수: 0

기타 점수: 30.0

[Episode 1204] - Mean score over last 1 times:69.00145864176122

epoch 1204 start, epsilon: 0.001 time: 2020-06-29 15:08:41.079188

부족분 점수: 39.00145864176121

추가분 점수: 0

기타 점수: 30.0

[Episode 1205] - Mean score over last 1 times:69.00145864176122

epoch 1205 start, epsilon: 0.001 time: 2020-06-29 15:08:44.525691

부족분 점수: 39.00145864176121

추가분 점수: 0

기타 점수: 30.0

[Episode 1206] - Mean score over last 1 times:69.00145864176122

epoch 1206 start, epsilon: 0.001 time: 2020-06-29 15:08:47.945501

부족분 점수: 39.00145864176121

추가분 점수: 0

기타 점수: 30.0

[Episode 1207] - Mean score over last 1 times:69.00145864176122

epoch 1207 start, epsilon: 0.001 time: 2020-06-29 15:08:51.397027

부족분 점수: 39.00145864176121

추가분 점수: 0

기타 점수: 30.0

[Episode 1208] - Mean score over last 1 times:69.00145864176122

epoch 1208 start, epsilon: 0.001 time: 2020-06-29 15:08:54.812401

부족분 점수: 39.00145864176121

추가분 점수: 0
기타 점수: 30.0
[Episode 1209] - Mean score over last 1 times:69.00145864176122

epoch 1209 start, epsilon: 0.001 time: 2020-06-29 15:08:58.267175
부족분 점수: 38.97235953737585
추가분 점수: 0
기타 점수: 30.0
[Episode 1210] - Mean score over last 1 times:68.97235953737585

epoch 1210 start, epsilon: 0.001 time: 2020-06-29 15:09:01.740825
부족분 점수: 38.965895800506466
추가분 점수: 0
기타 점수: 30.0
[Episode 1211] - Mean score over last 1 times:68.96589580050647

epoch 1211 start, epsilon: 0.001 time: 2020-06-29 15:09:05.252188
부족분 점수: 39.00145864176121
추가분 점수: 0.5458988296150968
기타 점수: 30.0
[Episode 1212] - Mean score over last 1 times:69.5473574713763

epoch 1212 start, epsilon: 0.001 time: 2020-06-29 15:09:08.708874
부족분 점수: 34.81043954946771
추가분 점수: 0
기타 점수: 30.0
[Episode 1213] - Mean score over last 1 times:64.8104395494677

epoch 1213 start, epsilon: 0.001 time: 2020-06-29 15:09:12.174849
부족분 점수: 34.81043954946771
추가분 점수: 0
기타 점수: 30.0
[Episode 1214] - Mean score over last 1 times:64.8104395494677

epoch 1214 start, epsilon: 0.001 time: 2020-06-29 15:09:15.644732
부족분 점수: 34.10658806549633
추가분 점수: 0
기타 점수: 30.0
[Episode 1215] - Mean score over last 1 times:64.10658806549634

epoch 1215 start, epsilon: 0.001 time: 2020-06-29 15:09:19.015948
부족분 점수: 34.10658806549633
추가분 점수: 0
기타 점수: 30.0
[Episode 1216] - Mean score over last 1 times:64.10658806549634

epoch 1216 start, epsilon: 0.001 time: 2020-06-29 15:09:22.496502
부족분 점수: 34.33770659611445
추가분 점수: 0
기타 점수: 30.0
[Episode 1217] - Mean score over last 1 times:64.33770659611446

epoch 1217 start, epsilon: 0.001 time: 2020-06-29 15:09:25.948982
부족분 점수: 34.10658806549633
추가분 점수: 0
기타 점수: 30.0
[Episode 1218] - Mean score over last 1 times:64.10658806549634

epoch 1218 start, epsilon: 0.001 time: 2020-06-29 15:09:29.384910
부족분 점수: 34.10658806549633
추가분 점수: 0

기타 점수: 30.0

[Episode 1219] - Mean score over last 1 times:64.10658806549634

epoch 1219 start, epsilon: 0.001 time: 2020-06-29 15:09:32.865383

부족분 점수: 34.10658806549633

추가분 점수: 0

기타 점수: 30.0

[Episode 1220] - Mean score over last 1 times:64.10658806549634

epoch 1220 start, epsilon: 0.001 time: 2020-06-29 15:09:36.242951

부족분 점수: 34.10658806549633

추가분 점수: 0

기타 점수: 30.0

[Episode 1221] - Mean score over last 1 times:64.10658806549634

epoch 1221 start, epsilon: 0.001 time: 2020-06-29 15:09:39.686231

부족분 점수: 34.10658806549633

추가분 점수: 0

기타 점수: 30.0

[Episode 1222] - Mean score over last 1 times:64.10658806549634

epoch 1222 start, epsilon: 0.001 time: 2020-06-29 15:09:43.139952

부족분 점수: 34.10658806549633

추가분 점수: 0

기타 점수: 30.0

[Episode 1223] - Mean score over last 1 times:64.10658806549634

epoch 1223 start, epsilon: 0.001 time: 2020-06-29 15:09:46.571050

부족분 점수: 34.10658806549633

추가분 점수: 0

기타 점수: 30.0

[Episode 1224] - Mean score over last 1 times:64.10658806549634

epoch 1224 start, epsilon: 0.001 time: 2020-06-29 15:09:50.012147

부족분 점수: 34.10658806549633

추가분 점수: 0

기타 점수: 30.0

[Episode 1225] - Mean score over last 1 times:64.10658806549634

epoch 1225 start, epsilon: 0.001 time: 2020-06-29 15:09:53.467227

부족분 점수: 34.10658806549633

추가분 점수: 0

기타 점수: 30.0

[Episode 1226] - Mean score over last 1 times:64.10658806549634

epoch 1226 start, epsilon: 0.001 time: 2020-06-29 15:09:56.859518

부족분 점수: 34.10658806549633

추가분 점수: 0

기타 점수: 30.0

[Episode 1227] - Mean score over last 1 times:64.10658806549634

epoch 1227 start, epsilon: 0.001 time: 2020-06-29 15:10:00.284611

부족분 점수: 34.10658806549633

추가분 점수: 0

기타 점수: 30.0

[Episode 1228] - Mean score over last 1 times:64.10658806549634

epoch 1228 start, epsilon: 0.001 time: 2020-06-29 15:10:03.679289

부족분 점수: 34.10658806549633

추가분 점수: 0

기타 점수: 30.0

[Episode 1229] - Mean score over last 1 times:64.10658806549634

epoch 1229 start, epsilon: 0.001 time: 2020-06-29 15:10:07.231095

부족분 점수: 34.16437768253529

추가분 점수: 0

기타 점수: 30.0

[Episode 1230] - Mean score over last 1 times:64.16437768253529

epoch 1230 start, epsilon: 0.001 time: 2020-06-29 15:10:10.733806

부족분 점수: 35.19103353124943

추가분 점수: 0

기타 점수: 30.0

[Episode 1231] - Mean score over last 1 times:65.19103353124943

epoch 1231 start, epsilon: 0.001 time: 2020-06-29 15:10:14.153246

부족분 점수: 35.19103353124943

추가분 점수: 0

기타 점수: 30.0

[Episode 1232] - Mean score over last 1 times:65.19103353124943

epoch 1232 start, epsilon: 0.001 time: 2020-06-29 15:10:17.591055

부족분 점수: 35.15770104786883

추가분 점수: 0

기타 점수: 30.0

[Episode 1233] - Mean score over last 1 times:65.15770104786883

epoch 1233 start, epsilon: 0.001 time: 2020-06-29 15:10:21.056415

부족분 점수: 35.19103353124943

추가분 점수: 0

기타 점수: 30.0

[Episode 1234] - Mean score over last 1 times:65.19103353124943

epoch 1234 start, epsilon: 0.001 time: 2020-06-29 15:10:24.496385

부족분 점수: 35.19103353124943

추가분 점수: 0

기타 점수: 30.0

[Episode 1235] - Mean score over last 1 times:65.19103353124943

epoch 1235 start, epsilon: 0.001 time: 2020-06-29 15:10:27.931116

부족분 점수: 35.19103353124943

추가분 점수: 0

기타 점수: 30.0

[Episode 1236] - Mean score over last 1 times:65.19103353124943

epoch 1236 start, epsilon: 0.001 time: 2020-06-29 15:10:31.335694

부족분 점수: 35.19103353124943

추가분 점수: 0

기타 점수: 30.0

[Episode 1237] - Mean score over last 1 times:65.19103353124943

epoch 1237 start, epsilon: 0.001 time: 2020-06-29 15:10:34.797752

부족분 점수: 35.19103353124943

추가분 점수: 0

기타 점수: 30.0

[Episode 1238] - Mean score over last 1 times:65.19103353124943

epoch 1238 start, epsilon: 0.001 time: 2020-06-29 15:10:38.237479

부족분 점수: 35.19103353124943

추가분 점수: 0

기타 점수: 30.0

[Episode 1239] - Mean score over last 1 times:65.19103353124943

epoch 1239 start, epsilon: 0.001 time: 2020-06-29 15:10:41.665603

부족분 점수: 35.19103353124943

추가분 점수: 0

기타 점수: 30.0

[Episode 1240] - Mean score over last 1 times:65.19103353124943

epoch 1240 start, epsilon: 0.001 time: 2020-06-29 15:10:45.151292

부족분 점수: 35.19103353124943

추가분 점수: 0

기타 점수: 30.0

[Episode 1241] - Mean score over last 1 times:65.19103353124943

epoch 1241 start, epsilon: 0.001 time: 2020-06-29 15:10:48.587707

부족분 점수: 35.58228929953553

추가분 점수: 0

기타 점수: 30.0

[Episode 1242] - Mean score over last 1 times:65.58228929953553

epoch 1242 start, epsilon: 0.001 time: 2020-06-29 15:10:52.049816

부족분 점수: 35.58228929953553

추가분 점수: 0

기타 점수: 30.0

[Episode 1243] - Mean score over last 1 times:65.58228929953553

epoch 1243 start, epsilon: 0.001 time: 2020-06-29 15:10:55.529563

부족분 점수: 35.58228929953553

추가분 점수: 0

기타 점수: 30.0

[Episode 1244] - Mean score over last 1 times:65.58228929953553

epoch 1244 start, epsilon: 0.001 time: 2020-06-29 15:10:59.019787

부족분 점수: 35.58228929953553

추가분 점수: 0

기타 점수: 30.0

[Episode 1245] - Mean score over last 1 times:65.58228929953553

epoch 1245 start, epsilon: 0.001 time: 2020-06-29 15:11:02.480576

부족분 점수: 35.59294340574418

추가분 점수: 0

기타 점수: 30.0

[Episode 1246] - Mean score over last 1 times:65.59294340574418

epoch 1246 start, epsilon: 0.001 time: 2020-06-29 15:11:05.902182

부족분 점수: 35.58228929953553

추가분 점수: 0

기타 점수: 30.0

[Episode 1247] - Mean score over last 1 times:65.58228929953553

epoch 1247 start, epsilon: 0.001 time: 2020-06-29 15:11:09.324422

부족분 점수: 35.58228929953553

추가분 점수: 0

기타 점수: 30.0

[Episode 1248] - Mean score over last 1 times:65.58228929953553

epoch 1248 start, epsilon: 0.001 time: 2020-06-29 15:11:12.714432

부족분 점수: 35.58228929953553

추가분 점수: 0

기타 점수: 30.0

[Episode 1249] - Mean score over last 1 times:65.58228929953553

epoch 1249 start, epsilon: 0.001 time: 2020-06-29 15:11:16.165788
부족분 점수: 35.58228929953553
추가분 점수: 0
기타 점수: 30.0
[Episode 1250] - Mean score over last 1 times:65.58228929953553

epoch 1250 start, epsilon: 0.001 time: 2020-06-29 15:11:20.016315
부족분 점수: 35.58228929953553
추가분 점수: 0
기타 점수: 30.0
[Episode 1251] - Mean score over last 1 times:65.58228929953553

epoch 1251 start, epsilon: 0.001 time: 2020-06-29 15:11:23.754686
부족분 점수: 35.58228929953553
추가분 점수: 0
기타 점수: 30.0
[Episode 1252] - Mean score over last 1 times:65.58228929953553

epoch 1252 start, epsilon: 0.001 time: 2020-06-29 15:11:27.549631
부족분 점수: 35.58228929953553
추가분 점수: 0
기타 점수: 30.0
[Episode 1253] - Mean score over last 1 times:65.58228929953553

epoch 1253 start, epsilon: 0.001 time: 2020-06-29 15:11:31.105466
부족분 점수: 35.58228929953553
추가분 점수: 0
기타 점수: 30.0
[Episode 1254] - Mean score over last 1 times:65.58228929953553

epoch 1254 start, epsilon: 0.001 time: 2020-06-29 15:11:34.616524
부족분 점수: 35.057703597727006
추가분 점수: 0
기타 점수: 30.0
[Episode 1255] - Mean score over last 1 times:65.057703597727

epoch 1255 start, epsilon: 0.001 time: 2020-06-29 15:11:38.087851
부족분 점수: 35.057703597727006
추가분 점수: 0
기타 점수: 30.0
[Episode 1256] - Mean score over last 1 times:65.057703597727

epoch 1256 start, epsilon: 0.001 time: 2020-06-29 15:11:41.482764
부족분 점수: 35.057703597727006
추가분 점수: 0
기타 점수: 30.0
[Episode 1257] - Mean score over last 1 times:65.057703597727

epoch 1257 start, epsilon: 0.001 time: 2020-06-29 15:11:44.953990
부족분 점수: 35.04656716894776
추가분 점수: 0
기타 점수: 30.0
[Episode 1258] - Mean score over last 1 times:65.04656716894776

epoch 1258 start, epsilon: 0.001 time: 2020-06-29 15:11:48.351879
부족분 점수: 35.454255697934585
추가분 점수: 0
기타 점수: 30.0
[Episode 1259] - Mean score over last 1 times:65.45425569793458

epoch 1259 start, epsilon: 0.001 time: 2020-06-29 15:11:51.814454
부족분 점수: 35.057703597727006
추가분 점수: 0
기타 점수: 30.0
[Episode 1260] - Mean score over last 1 times:65.057703597727

epoch 1260 start, epsilon: 0.001 time: 2020-06-29 15:11:55.256672
부족분 점수: 35.057703597727006
추가분 점수: 0
기타 점수: 30.0
[Episode 1261] - Mean score over last 1 times:65.057703597727

epoch 1261 start, epsilon: 0.001 time: 2020-06-29 15:11:58.702453
부족분 점수: 35.057703597727006
추가분 점수: 0
기타 점수: 30.0
[Episode 1262] - Mean score over last 1 times:65.057703597727

epoch 1262 start, epsilon: 0.001 time: 2020-06-29 15:12:02.155675
부족분 점수: 36.09665559987257
추가분 점수: 0.46437648440915247
기타 점수: 30.0
[Episode 1263] - Mean score over last 1 times:66.56103208428172

epoch 1263 start, epsilon: 0.001 time: 2020-06-29 15:12:05.681367
부족분 점수: 35.78292320042223
추가분 점수: 0.05916654045380776
기타 점수: 30.0
[Episode 1264] - Mean score over last 1 times:65.84208974087605

epoch 1264 start, epsilon: 0.001 time: 2020-06-29 15:12:09.172365
부족분 점수: 35.80515765650215
추가분 점수: 1.2835973767796394
기타 점수: 30.0
[Episode 1265] - Mean score over last 1 times:67.08875503328179

epoch 1265 start, epsilon: 0.001 time: 2020-06-29 15:12:12.628473
부족분 점수: 35.78292320042223
추가분 점수: 1.841725694859393
기타 점수: 30.0
[Episode 1266] - Mean score over last 1 times:67.62464889528162

epoch 1266 start, epsilon: 0.001 time: 2020-06-29 15:12:16.085861
부족분 점수: 35.78292320042223
추가분 점수: 1.63352823875766
기타 점수: 30.0
[Episode 1267] - Mean score over last 1 times:67.4164514391799

epoch 1267 start, epsilon: 0.001 time: 2020-06-29 15:12:19.516770
부족분 점수: 35.78292320042223
추가분 점수: 1.0337340092403169
기타 점수: 30.0
[Episode 1268] - Mean score over last 1 times:66.81665720966255

epoch 1268 start, epsilon: 0.001 time: 2020-06-29 15:12:23.030821
부족분 점수: 33.5533333558622
추가분 점수: 0
기타 점수: 30.0
[Episode 1269] - Mean score over last 1 times:63.5533333558622

epoch 1269 start, epsilon: 0.001 time: 2020-06-29 15:12:26.475269

부족분 점수: 33.54090356528543

추가분 점수: 0

기타 점수: 30.0

[Episode 1270] - Mean score over last 1 times:63.54090356528543

epoch 1270 start, epsilon: 0.001 time: 2020-06-29 15:12:29.900366

부족분 점수: 33.85463596473577

추가분 점수: 1.0028297281513243

기타 점수: 30.0

[Episode 1271] - Mean score over last 1 times:64.8574656928871

epoch 1271 start, epsilon: 0.001 time: 2020-06-29 15:12:33.356342

부족분 점수: 32.874969701233425

추가분 점수: 1.0941011335194828

기타 점수: 30.0

[Episode 1272] - Mean score over last 1 times:63.969070834752905

epoch 1272 start, epsilon: 0.001 time: 2020-06-29 15:12:36.784254

부족분 점수: 32.874969701233425

추가분 점수: 1.3526377053979877

기타 점수: 30.0

[Episode 1273] - Mean score over last 1 times:64.22760740663142

epoch 1273 start, epsilon: 0.001 time: 2020-06-29 15:12:40.220731

부족분 점수: 37.28603387379062

추가분 점수: 3.9082475009085793

기타 점수: 30.0

[Episode 1274] - Mean score over last 1 times:71.1942813746992

epoch 1274 start, epsilon: 0.001 time: 2020-06-29 15:12:43.656938

부족분 점수: 37.34732877779153

추가분 점수: 3.991227259028418

기타 점수: 30.0

[Episode 1275] - Mean score over last 1 times:71.33855603681995

epoch 1275 start, epsilon: 0.001 time: 2020-06-29 15:12:47.047007

부족분 점수: 36.9690296683679

추가분 점수: 4.634343886162043

기타 점수: 30.0

[Episode 1276] - Mean score over last 1 times:71.60337355452995

epoch 1276 start, epsilon: 0.001 time: 2020-06-29 15:12:50.515633

부족분 점수: 37.18787662250087

추가분 점수: 4.414485897901836

기타 점수: 30.0

[Episode 1277] - Mean score over last 1 times:71.6023625204027

epoch 1277 start, epsilon: 0.001 time: 2020-06-29 15:12:53.999216

부족분 점수: 36.99574020078751

추가분 점수: 4.822043554649758

기타 점수: 30.0

[Episode 1278] - Mean score over last 1 times:71.81778375543726

epoch 1278 start, epsilon: 0.001 time: 2020-06-29 15:12:57.472816

부족분 점수: 37.033103303356626

추가분 점수: 5.027251839661231

기타 점수: 30.0

[Episode 1279] - Mean score over last 1 times:72.06035514301786

epoch 1279 start, epsilon: 0.001 time: 2020-06-29 15:13:00.972426

부족분 점수: 37.70511688949253

추가분 점수: 3.683495013798419

기타 점수: 30.0

[Episode 1280] - Mean score over last 1 times:71.38861190329095

epoch 1280 start, epsilon: 0.001 time: 2020-06-29 15:13:04.491006

부족분 점수: 37.65283250841837

추가분 점수: 4.357337124736911

기타 점수: 30.0

[Episode 1281] - Mean score over last 1 times:72.01016963315527

epoch 1281 start, epsilon: 0.001 time: 2020-06-29 15:13:07.944721

부족분 점수: 38.2460923423458

추가분 점수: 3.4284698731184426

기타 점수: 30.0

[Episode 1282] - Mean score over last 1 times:71.67456221546425

epoch 1282 start, epsilon: 0.001 time: 2020-06-29 15:13:11.477344

부족분 점수: 37.990040499735336

추가분 점수: 4.740198637024003

기타 점수: 30.0

[Episode 1283] - Mean score over last 1 times:72.73023913675934

epoch 1283 start, epsilon: 0.001 time: 2020-06-29 15:13:14.925496

부족분 점수: 37.990040499735336

추가분 점수: 4.632680026899467

기타 점수: 30.0

[Episode 1284] - Mean score over last 1 times:72.6227205266348

epoch 1284 start, epsilon: 0.001 time: 2020-06-29 15:13:18.331478

부족분 점수: 37.99978218681367

추가분 점수: 4.632806598172765

기타 점수: 30.0

[Episode 1285] - Mean score over last 1 times:72.63258878498644

epoch 1285 start, epsilon: 0.001 time: 2020-06-29 15:13:21.798617

부족분 점수: 39.98302040224473

추가분 점수: 3.1326574468300805

기타 점수: 30.0

[Episode 1286] - Mean score over last 1 times:73.11567784907481

epoch 1286 start, epsilon: 0.001 time: 2020-06-29 15:13:25.241987

부족분 점수: 32.51698190184398

추가분 점수: 0

기타 점수: 30.0

[Episode 1287] - Mean score over last 1 times:62.51698190184398

epoch 1287 start, epsilon: 0.001 time: 2020-06-29 15:13:28.731350

부족분 점수: 34.5226573331617

추가분 점수: 0

기타 점수: 30.0

[Episode 1288] - Mean score over last 1 times:64.5226573331617

epoch 1288 start, epsilon: 0.001 time: 2020-06-29 15:13:32.193980

부족분 점수: 34.5226573331617

추가분 점수: 0

기타 점수: 30.0

[Episode 1289] - Mean score over last 1 times:64.5226573331617

epoch 1289 start, epsilon: 0.001 time: 2020-06-29 15:13:35.727119

부족분 점수: 34.5226573331617

추가분 점수: 0
기타 점수: 30.0
[Episode 1290] - Mean score over last 1 times:64.5226573331617

epoch 1290 start, epsilon: 0.001 time: 2020-06-29 15:13:39.244966
부족분 점수: 34.5226573331617
추가분 점수: 0
기타 점수: 30.0
[Episode 1291] - Mean score over last 1 times:64.5226573331617

epoch 1291 start, epsilon: 0.001 time: 2020-06-29 15:13:42.707040
부족분 점수: 34.5226573331617
추가분 점수: 0
기타 점수: 30.0
[Episode 1292] - Mean score over last 1 times:64.5226573331617

epoch 1292 start, epsilon: 0.001 time: 2020-06-29 15:13:46.113282
부족분 점수: 34.51901994511354
추가분 점수: 0
기타 점수: 30.0
[Episode 1293] - Mean score over last 1 times:64.51901994511354

epoch 1293 start, epsilon: 0.001 time: 2020-06-29 15:13:49.571487
부족분 점수: 34.57983559866216
추가분 점수: 0
기타 점수: 30.0
[Episode 1294] - Mean score over last 1 times:64.57983559866216

epoch 1294 start, epsilon: 0.001 time: 2020-06-29 15:13:53.091653
부족분 점수: 34.5226573331617
추가분 점수: 0
기타 점수: 30.0
[Episode 1295] - Mean score over last 1 times:64.5226573331617

epoch 1295 start, epsilon: 0.001 time: 2020-06-29 15:13:56.527605
부족분 점수: 34.5226573331617
추가분 점수: 0
기타 점수: 30.0
[Episode 1296] - Mean score over last 1 times:64.5226573331617

epoch 1296 start, epsilon: 0.001 time: 2020-06-29 15:14:00.045721
부족분 점수: 34.5226573331617
추가분 점수: 0
기타 점수: 30.0
[Episode 1297] - Mean score over last 1 times:64.5226573331617

epoch 1297 start, epsilon: 0.001 time: 2020-06-29 15:14:03.640293
부족분 점수: 34.5226573331617
추가분 점수: 0
기타 점수: 30.0
[Episode 1298] - Mean score over last 1 times:64.5226573331617

epoch 1298 start, epsilon: 0.001 time: 2020-06-29 15:14:07.143288
부족분 점수: 34.5226573331617
추가분 점수: 0
기타 점수: 30.0
[Episode 1299] - Mean score over last 1 times:64.5226573331617

epoch 1299 start, epsilon: 0.001 time: 2020-06-29 15:14:10.676406
부족분 점수: 34.56873757136147
추가분 점수: 0

기타 점수: 30.0

[Episode 1300] - Mean score over last 1 times:64.56873757136147

epoch 1300 start, epsilon: 0.001 time: 2020-06-29 15:14:14.157707

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1301] - Mean score over last 1 times:64.56873757136147

epoch 1301 start, epsilon: 0.001 time: 2020-06-29 15:14:17.618972

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1302] - Mean score over last 1 times:64.56873757136147

epoch 1302 start, epsilon: 0.001 time: 2020-06-29 15:14:21.082158

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1303] - Mean score over last 1 times:64.56873757136147

epoch 1303 start, epsilon: 0.001 time: 2020-06-29 15:14:24.556225

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1304] - Mean score over last 1 times:64.56873757136147

epoch 1304 start, epsilon: 0.001 time: 2020-06-29 15:14:27.999885

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1305] - Mean score over last 1 times:64.56873757136147

epoch 1305 start, epsilon: 0.001 time: 2020-06-29 15:14:31.445460

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1306] - Mean score over last 1 times:64.56873757136147

epoch 1306 start, epsilon: 0.001 time: 2020-06-29 15:14:34.889642

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1307] - Mean score over last 1 times:64.56873757136147

epoch 1307 start, epsilon: 0.001 time: 2020-06-29 15:14:38.356572

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1308] - Mean score over last 1 times:64.56873757136147

epoch 1308 start, epsilon: 0.001 time: 2020-06-29 15:14:41.808133

부족분 점수: 35.291295183563676

추가분 점수: 0

기타 점수: 30.0

[Episode 1309] - Mean score over last 1 times:65.29129518356368

epoch 1309 start, epsilon: 0.001 time: 2020-06-29 15:14:45.317307

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1310] - Mean score over last 1 times:64.56873757136147

epoch 1310 start, epsilon: 0.001 time: 2020-06-29 15:14:48.761614

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1311] - Mean score over last 1 times:64.56873757136147

epoch 1311 start, epsilon: 0.001 time: 2020-06-29 15:14:52.197057

부족분 점수: 34.56873757136147

추가분 점수: 0

기타 점수: 30.0

[Episode 1312] - Mean score over last 1 times:64.56873757136147

epoch 1312 start, epsilon: 0.001 time: 2020-06-29 15:14:55.646700

부족분 점수: 34.081341397439026

추가분 점수: 4.05980799875149

기타 점수: 30.0

[Episode 1313] - Mean score over last 1 times:68.14114939619051

epoch 1313 start, epsilon: 0.001 time: 2020-06-29 15:14:59.112818

부족분 점수: 34.081341397439026

추가분 점수: 4.077943941828826

기타 점수: 30.0

[Episode 1314] - Mean score over last 1 times:68.15928533926785

epoch 1314 start, epsilon: 0.001 time: 2020-06-29 15:15:02.555716

부족분 점수: 34.09487868665715

추가분 점수: 4.681494143160099

기타 점수: 30.0

[Episode 1315] - Mean score over last 1 times:68.77637282981725

epoch 1315 start, epsilon: 0.001 time: 2020-06-29 15:15:05.957272

부족분 점수: 34.081341397439026

추가분 점수: 4.696965330837955

기타 점수: 30.0

[Episode 1316] - Mean score over last 1 times:68.77830672827699

epoch 1316 start, epsilon: 0.001 time: 2020-06-29 15:15:09.379848

부족분 점수: 34.00008540488829

추가분 점수: 5.213788404166653

기타 점수: 30.0

[Episode 1317] - Mean score over last 1 times:69.21387380905495

epoch 1317 start, epsilon: 0.001 time: 2020-06-29 15:15:12.843156

부족분 점수: 34.04070802495666

추가분 점수: 5.59126817964396

기타 점수: 30.0

[Episode 1318] - Mean score over last 1 times:69.63197620460062

epoch 1318 start, epsilon: 0.001 time: 2020-06-29 15:15:16.269928

부족분 점수: 34.09551922331934

추가분 점수: 5.894626342861304

기타 점수: 30.0

[Episode 1319] - Mean score over last 1 times:69.99014556618064

epoch 1319 start, epsilon: 0.001 time: 2020-06-29 15:15:19.717219

부족분 점수: 34.0858466589024

추가분 점수: 6.185448420209254

기타 점수: 30.0

[Episode 1320] - Mean score over last 1 times:70.27129507911165

epoch 1320 start, epsilon: 0.001 time: 2020-06-29 15:15:23.155005
부족분 점수: 32.653680413064734
추가분 점수: 7.426218010416323
기타 점수: 30.0
[Episode 1321] - Mean score over last 1 times:70.07989842348105

epoch 1321 start, epsilon: 0.001 time: 2020-06-29 15:15:26.636977
부족분 점수: 33.062428822859516
추가분 점수: 7.713295175576169
기타 점수: 30.0
[Episode 1322] - Mean score over last 1 times:70.7757239984357

epoch 1322 start, epsilon: 0.001 time: 2020-06-29 15:15:30.069601
부족분 점수: 32.07533264128749
추가분 점수: 7.7029882187335925
기타 점수: 30.0
[Episode 1323] - Mean score over last 1 times:69.77832086002108

epoch 1323 start, epsilon: 0.001 time: 2020-06-29 15:15:33.529889
부족분 점수: 32.07533264128749
추가분 점수: 7.707294099720345
기타 점수: 30.0
[Episode 1324] - Mean score over last 1 times:69.78262674100783

epoch 1324 start, epsilon: 0.001 time: 2020-06-29 15:15:36.978231
부족분 점수: 31.52072773566757
추가분 점수: 7.889616946787532
기타 점수: 30.0
[Episode 1325] - Mean score over last 1 times:69.4103446824551

epoch 1325 start, epsilon: 0.001 time: 2020-06-29 15:15:40.393500
부족분 점수: 31.52072773566757
추가분 점수: 7.909352234643478
기타 점수: 30.0
[Episode 1326] - Mean score over last 1 times:69.43007997031106

epoch 1326 start, epsilon: 0.001 time: 2020-06-29 15:15:43.858413
부족분 점수: 31.52072773566757
추가분 점수: 8.528553035360389
기타 점수: 30.0
[Episode 1327] - Mean score over last 1 times:70.04928077102795

epoch 1327 start, epsilon: 0.001 time: 2020-06-29 15:15:47.332235
부족분 점수: 31.52072773566757
추가분 점수: 8.528553035360389
기타 점수: 30.0
[Episode 1328] - Mean score over last 1 times:70.04928077102795

epoch 1328 start, epsilon: 0.001 time: 2020-06-29 15:15:50.893287
부족분 점수: 31.52072773566757
추가분 점수: 9.116356787215565
기타 점수: 30.0
[Episode 1329] - Mean score over last 1 times:70.63708452288313

epoch 1329 start, epsilon: 0.001 time: 2020-06-29 15:15:54.332451
부족분 점수: 31.52072773566757
추가분 점수: 9.156739782057786
기타 점수: 30.0
[Episode 1330] - Mean score over last 1 times:70.67746751772535

epoch 1330 start, epsilon: 0.001 time: 2020-06-29 15:15:57.779208
부족분 점수: 29.867548692306766
추가분 점수: 5.010668545164593
기타 점수: 30.0
[Episode 1331] - Mean score over last 1 times:64.87821723747136

epoch 1331 start, epsilon: 0.001 time: 2020-06-29 15:16:01.227963
부족분 점수: 29.94023808302277
추가분 점수: 4.591918547084668
기타 점수: 30.0
[Episode 1332] - Mean score over last 1 times:64.53215663010744

epoch 1332 start, epsilon: 0.001 time: 2020-06-29 15:16:04.736511
부족분 점수: 34.933319672647364
추가분 점수: 4.399466926035373
기타 점수: 30.0
[Episode 1333] - Mean score over last 1 times:69.33278659868273

epoch 1333 start, epsilon: 0.001 time: 2020-06-29 15:16:08.256831
부족분 점수: 30.51252302936669
추가분 점수: 4.82763603877382
기타 점수: 30.0
[Episode 1334] - Mean score over last 1 times:65.34015906814051

epoch 1334 start, epsilon: 0.001 time: 2020-06-29 15:16:11.772327
부족분 점수: 30.51252302936669
추가분 점수: 4.82763603877382
기타 점수: 30.0
[Episode 1335] - Mean score over last 1 times:65.34015906814051

epoch 1335 start, epsilon: 0.001 time: 2020-06-29 15:16:15.263526
부족분 점수: 30.73102437019271
추가분 점수: 4.611226810499149
기타 점수: 30.0
[Episode 1336] - Mean score over last 1 times:65.34225118069186

epoch 1336 start, epsilon: 0.001 time: 2020-06-29 15:16:18.709737
부족분 점수: 31.47165371820012
추가분 점수: 3.738160900966274
기타 점수: 30.0
[Episode 1337] - Mean score over last 1 times:65.2098146191664

epoch 1337 start, epsilon: 0.001 time: 2020-06-29 15:16:22.149293
부족분 점수: 31.77856447900099
추가분 점수: 3.434270646862154
기타 점수: 30.0
[Episode 1338] - Mean score over last 1 times:65.21283512586314

epoch 1338 start, epsilon: 0.001 time: 2020-06-29 15:16:25.586876
부족분 점수: 31.771388010689744
추가분 점수: 2.120337945299706
기타 점수: 30.0
[Episode 1339] - Mean score over last 1 times:63.89172595598945

epoch 1339 start, epsilon: 0.001 time: 2020-06-29 15:16:28.987684
부족분 점수: 31.745596041637036
추가분 점수: 2.1228282043806557
기타 점수: 30.0
[Episode 1340] - Mean score over last 1 times:63.86842424601769

epoch 1340 start, epsilon: 0.001 time: 2020-06-29 15:16:32.424471
부족분 점수: 34.07381777976168
추가분 점수: 2.579462950714313
기타 점수: 30.0
[Episode 1341] - Mean score over last 1 times:66.653280730476

epoch 1341 start, epsilon: 0.001 time: 2020-06-29 15:16:35.868688
부족분 점수: 32.212624071337046
추가분 점수: 1.939899535587879
기타 점수: 30.0
[Episode 1342] - Mean score over last 1 times:64.15252360692492

epoch 1342 start, epsilon: 0.001 time: 2020-06-29 15:16:39.251646
부족분 점수: 31.878956696342307
추가분 점수: 2.6679313553602158
기타 점수: 30.0
[Episode 1343] - Mean score over last 1 times:64.54688805170252

epoch 1343 start, epsilon: 0.001 time: 2020-06-29 15:16:42.695218
부족분 점수: 32.43108854674366
추가분 점수: 2.7131068547253623
기타 점수: 30.0
[Episode 1344] - Mean score over last 1 times:65.14419540146902

epoch 1344 start, epsilon: 0.001 time: 2020-06-29 15:16:46.146879
부족분 점수: 32.4400652763693
추가분 점수: 2.2242406722040564
기타 점수: 30.0
[Episode 1345] - Mean score over last 1 times:64.66430594857336

epoch 1345 start, epsilon: 0.001 time: 2020-06-29 15:16:49.587085
부족분 점수: 32.58903229195692
추가분 점수: 1.6807976939451308
기타 점수: 30.0
[Episode 1346] - Mean score over last 1 times:64.26982998590205

epoch 1346 start, epsilon: 0.001 time: 2020-06-29 15:16:52.994842
부족분 점수: 32.5692908598644
추가분 점수: 1.7222547013394118
기타 점수: 30.0
[Episode 1347] - Mean score over last 1 times:64.2915455612038

epoch 1347 start, epsilon: 0.001 time: 2020-06-29 15:16:56.455604
부족분 점수: 32.5692908598644
추가분 점수: 1.7222547013394118
기타 점수: 30.0
[Episode 1348] - Mean score over last 1 times:64.2915455612038

epoch 1348 start, epsilon: 0.001 time: 2020-06-29 15:16:59.868978
부족분 점수: 32.664815305784835
추가분 점수: 1.8182645419486998
기타 점수: 30.0
[Episode 1349] - Mean score over last 1 times:64.48307984773353

epoch 1349 start, epsilon: 0.001 time: 2020-06-29 15:17:03.353732
부족분 점수: 31.750357824977122
추가분 점수: 1.8938472536645001
기타 점수: 30.0
[Episode 1350] - Mean score over last 1 times:63.64420507864162

epoch 1350 start, epsilon: 0.001 time: 2020-06-29 15:17:06.890855

부족분 점수: 32.36884589425216
추가분 점수: 1.5983297507313954
기타 점수: 30.0
[Episode 1351] - Mean score over last 1 times:63.967175644983556

epoch 1351 start, epsilon: 0.001 time: 2020-06-29 15:17:10.346602
부족분 점수: 32.205231018686774
추가분 점수: 1.9984602543160968
기타 점수: 30.0
[Episode 1352] - Mean score over last 1 times:64.20369127300287

epoch 1352 start, epsilon: 0.001 time: 2020-06-29 15:17:13.780166
부족분 점수: 32.119082677768894
추가분 점수: 2.1761411306562684
기타 점수: 30.0
[Episode 1353] - Mean score over last 1 times:64.29522380842516

epoch 1353 start, epsilon: 0.001 time: 2020-06-29 15:17:17.246455
부족분 점수: 32.194466316219895
추가분 점수: 2.013706562935569
기타 점수: 30.0
[Episode 1354] - Mean score over last 1 times:64.20817287915546

epoch 1354 start, epsilon: 0.001 time: 2020-06-29 15:17:20.709811
부족분 점수: 39.36241564347207
추가분 점수: 2.237338955719408
기타 점수: 30.0
[Episode 1355] - Mean score over last 1 times:71.59975459919147

epoch 1355 start, epsilon: 0.001 time: 2020-06-29 15:17:24.125312
부족분 점수: 39.36241564347207
추가분 점수: 2.237338955719408
기타 점수: 30.0
[Episode 1356] - Mean score over last 1 times:71.59975459919147

epoch 1356 start, epsilon: 0.001 time: 2020-06-29 15:17:27.648732
부족분 점수: 27.02376559983263
추가분 점수: 0
기타 점수: 30.0
[Episode 1357] - Mean score over last 1 times:57.02376559983263

epoch 1357 start, epsilon: 0.001 time: 2020-06-29 15:17:31.094974
부족분 점수: 38.2997545684703
추가분 점수: 3.1410142229860183
기타 점수: 30.0
[Episode 1358] - Mean score over last 1 times:71.44076879145632

epoch 1358 start, epsilon: 0.001 time: 2020-06-29 15:17:34.524883
부족분 점수: 38.2997545684703
추가분 점수: 3.1394664897945757
기타 점수: 30.0
[Episode 1359] - Mean score over last 1 times:71.43922105826488

epoch 1359 start, epsilon: 0.001 time: 2020-06-29 15:17:37.977315
부족분 점수: 39.019458182786735
추가분 점수: 2.951184347680229
기타 점수: 30.0
[Episode 1360] - Mean score over last 1 times:71.97064253046696

epoch 1360 start, epsilon: 0.001 time: 2020-06-29 15:17:41.472934
부족분 점수: 39.479686078665274

추가분 점수: 2.835538141423737

기타 점수: 30.0

[Episode 1361] - Mean score over last 1 times:72.31522422008902

epoch 1361 start, epsilon: 0.001 time: 2020-06-29 15:17:44.863668

부족분 점수: 40.011228592327754

추가분 점수: 3.960174287414484

기타 점수: 30.0

[Episode 1362] - Mean score over last 1 times:73.97140287974224

epoch 1362 start, epsilon: 0.001 time: 2020-06-29 15:17:48.401843

부족분 점수: 40.046568705006905

추가분 점수: 3.3398023952077405

기타 점수: 30.0

[Episode 1363] - Mean score over last 1 times:73.38637110021465

epoch 1363 start, epsilon: 0.001 time: 2020-06-29 15:17:51.843448

부족분 점수: 40.05993395560113

추가분 점수: 3.410333315617451

기타 점수: 30.0

[Episode 1364] - Mean score over last 1 times:73.47026727121857

epoch 1364 start, epsilon: 0.001 time: 2020-06-29 15:17:55.260522

부족분 점수: 40.046568705006905

추가분 점수: 3.3398023952077405

기타 점수: 30.0

[Episode 1365] - Mean score over last 1 times:73.38637110021465

epoch 1365 start, epsilon: 0.001 time: 2020-06-29 15:17:58.734331

부족분 점수: 40.03713883793439

추가분 점수: 3.34572974022475

기타 점수: 30.0

[Episode 1366] - Mean score over last 1 times:73.38286857815913

epoch 1366 start, epsilon: 0.001 time: 2020-06-29 15:18:02.155263

부족분 점수: 40.10310489778602

추가분 점수: 3.2816508826349433

기타 점수: 30.0

[Episode 1367] - Mean score over last 1 times:73.38475578042096

epoch 1367 start, epsilon: 0.001 time: 2020-06-29 15:18:05.645668

부족분 점수: 40.73623775492054

추가분 점수: 2.9216367140254174

기타 점수: 30.0

[Episode 1368] - Mean score over last 1 times:73.65787446894595

epoch 1368 start, epsilon: 0.001 time: 2020-06-29 15:18:09.177978

부족분 점수: 40.816395465184755

추가분 점수: 2.9062275831368978

기타 점수: 30.0

[Episode 1369] - Mean score over last 1 times:73.72262304832165

epoch 1369 start, epsilon: 0.001 time: 2020-06-29 15:18:12.719801

부족분 점수: 40.67920387897943

추가분 점수: 1.3903129351847565

기타 점수: 30.0

[Episode 1370] - Mean score over last 1 times:72.06951681416419

epoch 1370 start, epsilon: 0.001 time: 2020-06-29 15:18:16.174994

부족분 점수: 40.67920387897943

추가분 점수: 1.843813506445151

기타 점수: 30.0

[Episode 1371] - Mean score over last 1 times:72.52301738542458

epoch 1371 start, epsilon: 0.001 time: 2020-06-29 15:18:19.649607

부족분 점수: 40.67920387897943

추가분 점수: 0.24239934895669224

기타 점수: 30.0

[Episode 1372] - Mean score over last 1 times:70.92160322793612

epoch 1372 start, epsilon: 0.001 time: 2020-06-29 15:18:23.163488

부족분 점수: 40.757275620928866

추가분 점수: 0.17325764043497616

기타 점수: 30.0

[Episode 1373] - Mean score over last 1 times:70.93053326136385

epoch 1373 start, epsilon: 0.001 time: 2020-06-29 15:18:26.639199

부족분 점수: 41.35516206499189

추가분 점수: 0

기타 점수: 30.0

[Episode 1374] - Mean score over last 1 times:71.35516206499189

epoch 1374 start, epsilon: 0.001 time: 2020-06-29 15:18:30.096765

부족분 점수: 32.537264026754464

추가분 점수: 4.716164841265185

기타 점수: 30.0

[Episode 1375] - Mean score over last 1 times:67.25342886801965

epoch 1375 start, epsilon: 0.001 time: 2020-06-29 15:18:33.559637

부족분 점수: 32.57789125500026

추가분 점수: 5.097981218912082

기타 점수: 30.0

[Episode 1376] - Mean score over last 1 times:67.67587247391234

epoch 1376 start, epsilon: 0.001 time: 2020-06-29 15:18:36.996526

부족분 점수: 32.57789125500026

추가분 점수: 5.1293936283652375

기타 점수: 30.0

[Episode 1377] - Mean score over last 1 times:67.7072848833655

epoch 1377 start, epsilon: 0.001 time: 2020-06-29 15:18:40.437253

부족분 점수: 28.88398851887955

추가분 점수: 0

기타 점수: 30.0

[Episode 1378] - Mean score over last 1 times:58.88398851887955

epoch 1378 start, epsilon: 0.001 time: 2020-06-29 15:18:43.910901

부족분 점수: 28.905524068049882

추가분 점수: 0

기타 점수: 30.0

[Episode 1379] - Mean score over last 1 times:58.905524068049885

epoch 1379 start, epsilon: 0.001 time: 2020-06-29 15:18:47.366039

부족분 점수: 28.905524068049882

추가분 점수: 0

기타 점수: 30.0

[Episode 1380] - Mean score over last 1 times:58.905524068049885

epoch 1380 start, epsilon: 0.001 time: 2020-06-29 15:18:50.835558

부족분 점수: 28.905524068049882

추가분 점수: 0

기타 점수: 30.0

[Episode 1381] - Mean score over last 1 times:58.905524068049885

epoch 1381 start, epsilon: 0.001 time: 2020-06-29 15:18:54.282330

부족분 점수: 28.905524068049882

추가분 점수: 0

기타 점수: 30.0

[Episode 1382] - Mean score over last 1 times:58.905524068049885

epoch 1382 start, epsilon: 0.001 time: 2020-06-29 15:18:57.686102

부족분 점수: 28.932455792985923

추가분 점수: 0

기타 점수: 30.0

[Episode 1383] - Mean score over last 1 times:58.93245579298592

epoch 1383 start, epsilon: 0.001 time: 2020-06-29 15:19:01.125649

부족분 점수: 29.379753143007413

추가분 점수: 0.0009486701260774666

기타 점수: 30.0

[Episode 1384] - Mean score over last 1 times:59.38070181313349

epoch 1384 start, epsilon: 0.001 time: 2020-06-29 15:19:04.586819

부족분 점수: 29.449588535837645

추가분 점수: 0

기타 점수: 30.0

[Episode 1385] - Mean score over last 1 times:59.44958853583765

epoch 1385 start, epsilon: 0.001 time: 2020-06-29 15:19:08.032049

부족분 점수: 29.465741733774532

추가분 점수: 0

기타 점수: 30.0

[Episode 1386] - Mean score over last 1 times:59.465741733774536

epoch 1386 start, epsilon: 0.001 time: 2020-06-29 15:19:11.494393

부족분 점수: 29.445994157445448

추가분 점수: 0

기타 점수: 30.0

[Episode 1387] - Mean score over last 1 times:59.44599415744545

epoch 1387 start, epsilon: 0.001 time: 2020-06-29 15:19:14.952195

부족분 점수: 29.45138265291546

추가분 점수: 0.04886511342414357

기타 점수: 30.0

[Episode 1388] - Mean score over last 1 times:59.5002477663396

epoch 1388 start, epsilon: 0.001 time: 2020-06-29 15:19:18.324316

부족분 점수: 29.453176769993274

추가분 점수: 0.04355649302951736

기타 점수: 30.0

[Episode 1389] - Mean score over last 1 times:59.49673326302279

epoch 1389 start, epsilon: 0.001 time: 2020-06-29 15:19:21.799599

부족분 점수: 29.85798826020719

추가분 점수: 0

기타 점수: 30.0

[Episode 1390] - Mean score over last 1 times:59.85798826020719

epoch 1390 start, epsilon: 0.001 time: 2020-06-29 15:19:25.261504

부족분 점수: 29.76657738066894

추가분 점수: 0

기타 점수: 30.0

[Episode 1391] - Mean score over last 1 times:59.76657738066894

epoch 1391 start, epsilon: 0.001 time: 2020-06-29 15:19:28.710996

부족분 점수: 29.62037834365514

추가분 점수: 0

기타 점수: 30.0

[Episode 1392] - Mean score over last 1 times:59.62037834365514

epoch 1392 start, epsilon: 0.001 time: 2020-06-29 15:19:32.287354

부족분 점수: 29.61634158023006

추가분 점수: 0

기타 점수: 30.0

[Episode 1393] - Mean score over last 1 times:59.616341580230056

epoch 1393 start, epsilon: 0.001 time: 2020-06-29 15:19:35.735650

부족분 점수: 29.61634158023006

추가분 점수: 0

기타 점수: 30.0

[Episode 1394] - Mean score over last 1 times:59.616341580230056

epoch 1394 start, epsilon: 0.001 time: 2020-06-29 15:19:39.199061

부족분 점수: 30.198881257405723

추가분 점수: 0

기타 점수: 30.0

[Episode 1395] - Mean score over last 1 times:60.19888125740572

epoch 1395 start, epsilon: 0.001 time: 2020-06-29 15:19:42.679255

부족분 점수: 30.118883297292264

추가분 점수: 0

기타 점수: 30.0

[Episode 1396] - Mean score over last 1 times:60.118883297292264

epoch 1396 start, epsilon: 0.001 time: 2020-06-29 15:19:46.129952

부족분 점수: 30.118883297292264

추가분 점수: 0

기타 점수: 30.0

[Episode 1397] - Mean score over last 1 times:60.118883297292264

epoch 1397 start, epsilon: 0.001 time: 2020-06-29 15:19:49.540391

부족분 점수: 30.212198890166555

추가분 점수: 0

기타 점수: 30.0

[Episode 1398] - Mean score over last 1 times:60.212198890166555

epoch 1398 start, epsilon: 0.001 time: 2020-06-29 15:19:52.992974

부족분 점수: 30.118883297292264

추가분 점수: 0

기타 점수: 30.0

[Episode 1399] - Mean score over last 1 times:60.118883297292264

epoch 1399 start, epsilon: 0.001 time: 2020-06-29 15:19:56.397981

부족분 점수: 30.118883297292264

추가분 점수: 0

기타 점수: 30.0

[Episode 1400] - Mean score over last 1 times:60.118883297292264

epoch 1400 start, epsilon: 0.001 time: 2020-06-29 15:19:59.854478

부족분 점수: 30.118883297292264

추가분 점수: 0

기타 점수: 30.0

[Episode 1401] - Mean score over last 1 times:60.118883297292264

epoch 1401 start, epsilon: 0.001 time: 2020-06-29 15:20:03.298202
부족분 점수: 30.118883297292264
추가분 점수: 0
기타 점수: 30.0
[Episode 1402] - Mean score over last 1 times:60.118883297292264

epoch 1402 start, epsilon: 0.001 time: 2020-06-29 15:20:06.795794
부족분 점수: 29.733317092068006
추가분 점수: 0
기타 점수: 30.0
[Episode 1403] - Mean score over last 1 times:59.733317092068006

epoch 1403 start, epsilon: 0.001 time: 2020-06-29 15:20:10.261431
부족분 점수: 33.21121765558666
추가분 점수: 0
기타 점수: 30.0
[Episode 1404] - Mean score over last 1 times:63.21121765558666

epoch 1404 start, epsilon: 0.001 time: 2020-06-29 15:20:13.695554
부족분 점수: 33.21121765558666
추가분 점수: 0
기타 점수: 30.0
[Episode 1405] - Mean score over last 1 times:63.21121765558666

epoch 1405 start, epsilon: 0.001 time: 2020-06-29 15:20:17.149342
부족분 점수: 32.25048024889073
추가분 점수: 0
기타 점수: 30.0
[Episode 1406] - Mean score over last 1 times:62.25048024889073

epoch 1406 start, epsilon: 0.001 time: 2020-06-29 15:20:20.651479
부족분 점수: 32.25048024889073
추가분 점수: 0
기타 점수: 30.0
[Episode 1407] - Mean score over last 1 times:62.25048024889073

epoch 1407 start, epsilon: 0.001 time: 2020-06-29 15:20:24.110807
부족분 점수: 32.340685322002535
추가분 점수: 0
기타 점수: 30.0
[Episode 1408] - Mean score over last 1 times:62.340685322002535

epoch 1408 start, epsilon: 0.001 time: 2020-06-29 15:20:27.540111
부족분 점수: 32.263353960559535
추가분 점수: 0
기타 점수: 30.0
[Episode 1409] - Mean score over last 1 times:62.263353960559535

epoch 1409 start, epsilon: 0.001 time: 2020-06-29 15:20:30.989062
부족분 점수: 32.25048024889073
추가분 점수: 0
기타 점수: 30.0
[Episode 1410] - Mean score over last 1 times:62.25048024889073

epoch 1410 start, epsilon: 0.001 time: 2020-06-29 15:20:34.417759
부족분 점수: 32.25048024889073
추가분 점수: 0
기타 점수: 30.0
[Episode 1411] - Mean score over last 1 times:62.25048024889073

epoch 1411 start, epsilon: 0.001 time: 2020-06-29 15:20:37.866031
부족분 점수: 32.25048024889073
추가분 점수: 0
기타 점수: 30.0
[Episode 1412] - Mean score over last 1 times:62.25048024889073

epoch 1412 start, epsilon: 0.001 time: 2020-06-29 15:20:41.279783
부족분 점수: 32.25048024889073
추가분 점수: 0
기타 점수: 30.0
[Episode 1413] - Mean score over last 1 times:62.25048024889073

epoch 1413 start, epsilon: 0.001 time: 2020-06-29 15:20:44.743376
부족분 점수: 32.25048024889073
추가분 점수: 0
기타 점수: 30.0
[Episode 1414] - Mean score over last 1 times:62.25048024889073

epoch 1414 start, epsilon: 0.001 time: 2020-06-29 15:20:48.164920
부족분 점수: 39.896173154417255
추가분 점수: 0
기타 점수: 30.0
[Episode 1415] - Mean score over last 1 times:69.89617315441726

epoch 1415 start, epsilon: 0.001 time: 2020-06-29 15:20:51.602085
부족분 점수: 34.58158363396571
추가분 점수: 5.318062857383361
기타 점수: 30.0
[Episode 1416] - Mean score over last 1 times:69.89964649134907

epoch 1416 start, epsilon: 0.001 time: 2020-06-29 15:20:55.040633
부족분 점수: 34.57448857678897
추가분 점수: 5.363861382336488
기타 점수: 30.0
[Episode 1417] - Mean score over last 1 times:69.93834995912546

epoch 1417 start, epsilon: 0.001 time: 2020-06-29 15:20:58.472727
부족분 점수: 34.119432592041434
추가분 점수: 6.210349782171454
기타 점수: 30.0
[Episode 1418] - Mean score over last 1 times:70.3297823742129

epoch 1418 start, epsilon: 0.001 time: 2020-06-29 15:21:01.972217
부족분 점수: 36.678817406499306
추가분 점수: 7.0654388843541005
기타 점수: 30.0
[Episode 1419] - Mean score over last 1 times:73.7442562908534

epoch 1419 start, epsilon: 0.001 time: 2020-06-29 15:21:05.420659
부족분 점수: 34.1332678767331
추가분 점수: 6.224817616017779
기타 점수: 30.0
[Episode 1420] - Mean score over last 1 times:70.35808549275089

epoch 1420 start, epsilon: 0.001 time: 2020-06-29 15:21:08.929175
부족분 점수: 34.12423584897835
추가분 점수: 6.167679288055021
기타 점수: 30.0
[Episode 1421] - Mean score over last 1 times:70.29191513703337

epoch 1421 start, epsilon: 0.001 time: 2020-06-29 15:21:12.388037
부족분 점수: 34.12423584897835
추가분 점수: 6.161764845934805
기타 점수: 30.0
[Episode 1422] - Mean score over last 1 times:70.28600069491316

epoch 1422 start, epsilon: 0.001 time: 2020-06-29 15:21:15.870915
부족분 점수: 34.12423584897835
추가분 점수: 6.167679288055021
기타 점수: 30.0
[Episode 1423] - Mean score over last 1 times:70.29191513703337

epoch 1423 start, epsilon: 0.001 time: 2020-06-29 15:21:19.280082
부족분 점수: 34.12423584897835
추가분 점수: 6.167679288055021
기타 점수: 30.0
[Episode 1424] - Mean score over last 1 times:70.29191513703337

epoch 1424 start, epsilon: 0.001 time: 2020-06-29 15:21:22.699955
부족분 점수: 34.21687557583017
추가분 점수: 6.080662766510101
기타 점수: 30.0
[Episode 1425] - Mean score over last 1 times:70.29753834234027

epoch 1425 start, epsilon: 0.001 time: 2020-06-29 15:21:26.173309
부족분 점수: 34.22332702422642
추가분 점수: 6.072404912562906
기타 점수: 30.0
[Episode 1426] - Mean score over last 1 times:70.29573193678932

epoch 1426 start, epsilon: 0.001 time: 2020-06-29 15:21:29.675617
부족분 점수: 34.22332702422642
추가분 점수: 6.107586811150439
기타 점수: 30.0
[Episode 1427] - Mean score over last 1 times:70.33091383537686

epoch 1427 start, epsilon: 0.001 time: 2020-06-29 15:21:33.126094
부족분 점수: 34.22332702422642
추가분 점수: 6.107586811150439
기타 점수: 30.0
[Episode 1428] - Mean score over last 1 times:70.33091383537686

epoch 1428 start, epsilon: 0.001 time: 2020-06-29 15:21:36.571570
부족분 점수: 34.178183782103254
추가분 점수: 5.453206569540622
기타 점수: 30.0
[Episode 1429] - Mean score over last 1 times:69.63139035164387

epoch 1429 start, epsilon: 0.001 time: 2020-06-29 15:21:40.043238
부족분 점수: 34.178183782103254
추가분 점수: 5.4568034056274435
기타 점수: 30.0
[Episode 1430] - Mean score over last 1 times:69.6349871877307

epoch 1430 start, epsilon: 0.001 time: 2020-06-29 15:21:43.477241
부족분 점수: 34.178183782103254
추가분 점수: 5.462177154929691
기타 점수: 30.0
[Episode 1431] - Mean score over last 1 times:69.64036093703294

epoch 1431 start, epsilon: 0.001 time: 2020-06-29 15:21:46.949996

부족분 점수: 34.58778931289924

추가분 점수: 4.111375347418176

기타 점수: 30.0

[Episode 1432] - Mean score over last 1 times:68.69916466031742

epoch 1432 start, epsilon: 0.001 time: 2020-06-29 15:21:50.483171

부족분 점수: 34.62112179627985

추가분 점수: 4.0926090056689794

기타 점수: 30.0

[Episode 1433] - Mean score over last 1 times:68.71373080194883

epoch 1433 start, epsilon: 0.001 time: 2020-06-29 15:21:53.931817

부족분 점수: 34.57665288412001

추가분 점수: 4.145303821745867

기타 점수: 30.0

[Episode 1434] - Mean score over last 1 times:68.72195670586588

epoch 1434 start, epsilon: 0.001 time: 2020-06-29 15:21:57.408014

부족분 점수: 34.58778931289924

추가분 점수: 4.078613049191064

기타 점수: 30.0

[Episode 1435] - Mean score over last 1 times:68.66640236209031

epoch 1435 start, epsilon: 0.001 time: 2020-06-29 15:22:00.864238

부족분 점수: 34.58778931289924

추가분 점수: 4.132805215719538

기타 점수: 30.0

[Episode 1436] - Mean score over last 1 times:68.72059452861878

epoch 1436 start, epsilon: 0.001 time: 2020-06-29 15:22:04.378949

부족분 점수: 24.546220480399423

추가분 점수: 1.510742429609322

기타 점수: 30.0

[Episode 1437] - Mean score over last 1 times:56.05696291000875

epoch 1437 start, epsilon: 0.001 time: 2020-06-29 15:22:07.902135

부족분 점수: 34.58778931289924

추가분 점수: 4.131269771001231

기타 점수: 30.0

[Episode 1438] - Mean score over last 1 times:68.71905908390048

epoch 1438 start, epsilon: 0.001 time: 2020-06-29 15:22:11.463886

부족분 점수: 34.58778931289924

추가분 점수: 4.139691676064789

기타 점수: 30.0

[Episode 1439] - Mean score over last 1 times:68.72748098896403

epoch 1439 start, epsilon: 0.001 time: 2020-06-29 15:22:14.922038

부족분 점수: 34.58778931289924

추가분 점수: 3.117902062712379

기타 점수: 30.0

[Episode 1440] - Mean score over last 1 times:67.70569137561162

epoch 1440 start, epsilon: 0.001 time: 2020-06-29 15:22:18.341725

부족분 점수: 34.58778931289924

추가분 점수: 2.867704448703765

기타 점수: 30.0

[Episode 1441] - Mean score over last 1 times:67.45549376160301

epoch 1441 start, epsilon: 0.001 time: 2020-06-29 15:22:21.840239

부족분 점수: 31.68207231582113

추가분 점수: 0
기타 점수: 30.0
[Episode 1442] - Mean score over last 1 times:61.68207231582113

epoch 1442 start, epsilon: 0.001 time: 2020-06-29 15:22:25.301752
부족분 점수: 31.68207231582113
추가분 점수: 0
기타 점수: 30.0
[Episode 1443] - Mean score over last 1 times:61.68207231582113

epoch 1443 start, epsilon: 0.001 time: 2020-06-29 15:22:28.769643
부족분 점수: 31.672648592985187
추가분 점수: 0
기타 점수: 30.0
[Episode 1444] - Mean score over last 1 times:61.67264859298518

epoch 1444 start, epsilon: 0.001 time: 2020-06-29 15:22:32.254368
부족분 점수: 31.947945720585313
추가분 점수: 0
기타 점수: 30.0
[Episode 1445] - Mean score over last 1 times:61.94794572058531

epoch 1445 start, epsilon: 0.001 time: 2020-06-29 15:22:35.708726
부족분 점수: 32.477588129089185
추가분 점수: 0
기타 점수: 30.0
[Episode 1446] - Mean score over last 1 times:62.477588129089185

epoch 1446 start, epsilon: 0.001 time: 2020-06-29 15:22:39.175294
부족분 점수: 32.477588129089185
추가분 점수: 0
기타 점수: 30.0
[Episode 1447] - Mean score over last 1 times:62.477588129089185

epoch 1447 start, epsilon: 0.001 time: 2020-06-29 15:22:42.629200
부족분 점수: 32.20962107571451
추가분 점수: 0
기타 점수: 30.0
[Episode 1448] - Mean score over last 1 times:62.20962107571451

epoch 1448 start, epsilon: 0.001 time: 2020-06-29 15:22:46.087970
부족분 점수: 32.50989145284468
추가분 점수: 0
기타 점수: 30.0
[Episode 1449] - Mean score over last 1 times:62.50989145284468

epoch 1449 start, epsilon: 0.001 time: 2020-06-29 15:22:49.540411
부족분 점수: 32.33435675833765
추가분 점수: 0
기타 점수: 30.0
[Episode 1450] - Mean score over last 1 times:62.33435675833765

epoch 1450 start, epsilon: 0.001 time: 2020-06-29 15:22:52.973773
부족분 점수: 32.339482587694384
추가분 점수: 0
기타 점수: 30.0
[Episode 1451] - Mean score over last 1 times:62.339482587694384

epoch 1451 start, epsilon: 0.001 time: 2020-06-29 15:22:56.413043
부족분 점수: 32.34890631053033

추가분 점수: 0
기타 점수: 30.0
[Episode 1452] - Mean score over last 1 times:62.34890631053033

epoch 1452 start, epsilon: 0.001 time: 2020-06-29 15:22:59.839372
부족분 점수: 32.446144998453185
추가분 점수: 0
기타 점수: 30.0
[Episode 1453] - Mean score over last 1 times:62.446144998453185

epoch 1453 start, epsilon: 0.001 time: 2020-06-29 15:23:03.309521
부족분 점수: 32.173141207152014
추가분 점수: 0
기타 점수: 30.0
[Episode 1454] - Mean score over last 1 times:62.173141207152014

epoch 1454 start, epsilon: 0.001 time: 2020-06-29 15:23:06.790908
부족분 점수: 32.167752711682006
추가분 점수: 0
기타 점수: 30.0
[Episode 1455] - Mean score over last 1 times:62.167752711682006

epoch 1455 start, epsilon: 0.001 time: 2020-06-29 15:23:10.217772
부족분 점수: 32.173141207152014
추가분 점수: 0
기타 점수: 30.0
[Episode 1456] - Mean score over last 1 times:62.173141207152014

epoch 1456 start, epsilon: 0.001 time: 2020-06-29 15:23:13.665717
부족분 점수: 32.38521260440978
추가분 점수: 0
기타 점수: 30.0
[Episode 1457] - Mean score over last 1 times:62.38521260440978

epoch 1457 start, epsilon: 0.001 time: 2020-06-29 15:23:17.127522
부족분 점수: 32.38521260440978
추가분 점수: 0
기타 점수: 30.0
[Episode 1458] - Mean score over last 1 times:62.38521260440978

epoch 1458 start, epsilon: 0.001 time: 2020-06-29 15:23:20.571071
부족분 점수: 32.38521260440978
추가분 점수: 0
기타 점수: 30.0
[Episode 1459] - Mean score over last 1 times:62.38521260440978

epoch 1459 start, epsilon: 0.001 time: 2020-06-29 15:23:24.024159
부족분 점수: 32.38521260440978
추가분 점수: 0
기타 점수: 30.0
[Episode 1460] - Mean score over last 1 times:62.38521260440978

epoch 1460 start, epsilon: 0.001 time: 2020-06-29 15:23:27.513772
부족분 점수: 39.18504382223126
추가분 점수: 0
기타 점수: 30.0
[Episode 1461] - Mean score over last 1 times:69.18504382223125

epoch 1461 start, epsilon: 0.001 time: 2020-06-29 15:23:30.996141
부족분 점수: 32.38521260440978
추가분 점수: 0

기타 점수: 30.0

[Episode 1462] - Mean score over last 1 times:62.38521260440978

epoch 1462 start, epsilon: 0.001 time: 2020-06-29 15:23:34.450228

부족분 점수: 32.38521260440978

추가분 점수: 0

기타 점수: 30.0

[Episode 1463] - Mean score over last 1 times:62.38521260440978

epoch 1463 start, epsilon: 0.001 time: 2020-06-29 15:23:37.899811

부족분 점수: 32.38521260440978

추가분 점수: 0

기타 점수: 30.0

[Episode 1464] - Mean score over last 1 times:62.38521260440978

epoch 1464 start, epsilon: 0.001 time: 2020-06-29 15:23:41.556089

부족분 점수: 32.38521260440978

추가분 점수: 0

기타 점수: 30.0

[Episode 1465] - Mean score over last 1 times:62.38521260440978

epoch 1465 start, epsilon: 0.001 time: 2020-06-29 15:23:45.015700

부족분 점수: 32.38521260440978

추가분 점수: 0

기타 점수: 30.0

[Episode 1466] - Mean score over last 1 times:62.38521260440978

epoch 1466 start, epsilon: 0.001 time: 2020-06-29 15:23:48.555663

부족분 점수: 32.38521260440978

추가분 점수: 0

기타 점수: 30.0

[Episode 1467] - Mean score over last 1 times:62.38521260440978

epoch 1467 start, epsilon: 0.001 time: 2020-06-29 15:23:52.008781

부족분 점수: 32.38117123280727

추가분 점수: 0

기타 점수: 30.0

[Episode 1468] - Mean score over last 1 times:62.38117123280727

epoch 1468 start, epsilon: 0.001 time: 2020-06-29 15:23:55.468366

부족분 점수: 31.797477975215994

추가분 점수: 0

기타 점수: 30.0

[Episode 1469] - Mean score over last 1 times:61.797477975216

epoch 1469 start, epsilon: 0.001 time: 2020-06-29 15:23:58.937242

부족분 점수: 31.801519346818495

추가분 점수: 0

기타 점수: 30.0

[Episode 1470] - Mean score over last 1 times:61.801519346818495

epoch 1470 start, epsilon: 0.001 time: 2020-06-29 15:24:02.462581

부족분 점수: 31.801519346818495

추가분 점수: 0

기타 점수: 30.0

[Episode 1471] - Mean score over last 1 times:61.801519346818495

epoch 1471 start, epsilon: 0.001 time: 2020-06-29 15:24:05.860155

부족분 점수: 31.798828171201777

추가분 점수: 0

기타 점수: 30.0

[Episode 1472] - Mean score over last 1 times:61.79882817120178

epoch 1472 start, epsilon: 0.001 time: 2020-06-29 15:24:09.374425

부족분 점수: 31.801519346818495

추가분 점수: 0

기타 점수: 30.0

[Episode 1473] - Mean score over last 1 times:61.801519346818495

epoch 1473 start, epsilon: 0.001 time: 2020-06-29 15:24:12.844161

부족분 점수: 29.937447063561816

추가분 점수: 0

기타 점수: 30.0

[Episode 1474] - Mean score over last 1 times:59.93744706356182

epoch 1474 start, epsilon: 0.001 time: 2020-06-29 15:24:16.287442

부족분 점수: 31.78696979462582

추가분 점수: 0

기타 점수: 30.0

[Episode 1475] - Mean score over last 1 times:61.78696979462582

epoch 1475 start, epsilon: 0.001 time: 2020-06-29 15:24:19.747761

부족분 점수: 31.78696979462582

추가분 점수: 0

기타 점수: 30.0

[Episode 1476] - Mean score over last 1 times:61.78696979462582

epoch 1476 start, epsilon: 0.001 time: 2020-06-29 15:24:23.214509

부족분 점수: 32.03967456436595

추가분 점수: 0

기타 점수: 30.0

[Episode 1477] - Mean score over last 1 times:62.03967456436595

epoch 1477 start, epsilon: 0.001 time: 2020-06-29 15:24:26.645747

부족분 점수: 32.04146868144376

추가분 점수: 0

기타 점수: 30.0

[Episode 1478] - Mean score over last 1 times:62.04146868144376

epoch 1478 start, epsilon: 0.001 time: 2020-06-29 15:24:30.082239

부족분 점수: 25.075955052451814

추가분 점수: 0

기타 점수: 30.0

[Episode 1479] - Mean score over last 1 times:55.07595505245182

epoch 1479 start, epsilon: 0.001 time: 2020-06-29 15:24:33.527841

부족분 점수: 24.979035864830486

추가분 점수: 0

기타 점수: 30.0

[Episode 1480] - Mean score over last 1 times:54.979035864830486

epoch 1480 start, epsilon: 0.001 time: 2020-06-29 15:24:37.000570

부족분 점수: 24.990820510567623

추가분 점수: 0

기타 점수: 30.0

[Episode 1481] - Mean score over last 1 times:54.99082051056762

epoch 1481 start, epsilon: 0.001 time: 2020-06-29 15:24:40.469591

부족분 점수: 24.979035864830486

추가분 점수: 0

기타 점수: 30.0

[Episode 1482] - Mean score over last 1 times:54.979035864830486

epoch 1482 start, epsilon: 0.001 time: 2020-06-29 15:24:43.912299
부족분 점수: 24.976307823794354
추가분 점수: 0
기타 점수: 30.0
[Episode 1483] - Mean score over last 1 times:54.97630782379436

epoch 1483 start, epsilon: 0.001 time: 2020-06-29 15:24:47.332269
부족분 점수: 25.19270476359589
추가분 점수: 0
기타 점수: 30.0
[Episode 1484] - Mean score over last 1 times:55.19270476359589

epoch 1484 start, epsilon: 0.001 time: 2020-06-29 15:24:50.769796
부족분 점수: 25.207063844454968
추가분 점수: 0
기타 점수: 30.0
[Episode 1485] - Mean score over last 1 times:55.207063844454964

epoch 1485 start, epsilon: 0.001 time: 2020-06-29 15:24:54.208370
부족분 점수: 25.184628164627444
추가분 점수: 0
기타 점수: 30.0
[Episode 1486] - Mean score over last 1 times:55.18462816462744

epoch 1486 start, epsilon: 0.001 time: 2020-06-29 15:24:57.691914
부족분 점수: 25.12097387378448
추가분 점수: 0
기타 점수: 30.0
[Episode 1487] - Mean score over last 1 times:55.12097387378448

epoch 1487 start, epsilon: 0.001 time: 2020-06-29 15:25:01.139940
부족분 점수: 25.11828269816776
추가분 점수: 0
기타 점수: 30.0
[Episode 1488] - Mean score over last 1 times:55.11828269816776

epoch 1488 start, epsilon: 0.001 time: 2020-06-29 15:25:04.555624
부족분 점수: 25.115588450432757
추가분 점수: 0
기타 점수: 30.0
[Episode 1489] - Mean score over last 1 times:55.11558845043275

epoch 1489 start, epsilon: 0.001 time: 2020-06-29 15:25:08.001637
부족분 점수: 25.054975556690874
추가분 점수: 0
기타 점수: 30.0
[Episode 1490] - Mean score over last 1 times:55.05497555669088

epoch 1490 start, epsilon: 0.001 time: 2020-06-29 15:25:11.512374
부족분 점수: 24.354756852590242
추가분 점수: 0
기타 점수: 30.0
[Episode 1491] - Mean score over last 1 times:54.35475685259024

epoch 1491 start, epsilon: 0.001 time: 2020-06-29 15:25:14.923463

부족분 점수: 24.354756852590242
추가분 점수: 0
기타 점수: 30.0

[Episode 1492] - Mean score over last 1 times:54.35475685259024

epoch 1492 start, epsilon: 0.001 time: 2020-06-29 15:25:18.319888

부족분 점수: 24.357448028206964

추가분 점수: 0

기타 점수: 30.0

[Episode 1493] - Mean score over last 1 times:54.35744802820696

epoch 1493 start, epsilon: 0.001 time: 2020-06-29 15:25:21.806924

부족분 점수: 25.45074119461777

추가분 점수: 0

기타 점수: 30.0

[Episode 1494] - Mean score over last 1 times:55.45074119461777

epoch 1494 start, epsilon: 0.001 time: 2020-06-29 15:25:25.286455

부족분 점수: 24.31706503336474

추가분 점수: 0

기타 점수: 30.0

[Episode 1495] - Mean score over last 1 times:54.31706503336474

epoch 1495 start, epsilon: 0.001 time: 2020-06-29 15:25:28.768917

부족분 점수: 24.549403194941572

추가분 점수: 0

기타 점수: 30.0

[Episode 1496] - Mean score over last 1 times:54.549403194941576

epoch 1496 start, epsilon: 0.001 time: 2020-06-29 15:25:32.238781

부족분 점수: 24.549403194941572

추가분 점수: 0

기타 점수: 30.0

[Episode 1497] - Mean score over last 1 times:54.549403194941576

epoch 1497 start, epsilon: 0.001 time: 2020-06-29 15:25:35.714409

부족분 점수: 24.549403194941572

추가분 점수: 0

기타 점수: 30.0

[Episode 1498] - Mean score over last 1 times:54.549403194941576

epoch 1498 start, epsilon: 0.001 time: 2020-06-29 15:25:39.146120

부족분 점수: 24.549403194941572

추가분 점수: 0

기타 점수: 30.0

[Episode 1499] - Mean score over last 1 times:54.549403194941576

epoch 1499 start, epsilon: 0.001 time: 2020-06-29 15:25:42.618145

부족분 점수: 34.581434636228934

추가분 점수: 2.0513830215696505

기타 점수: 30.0

[Episode 1500] - Mean score over last 1 times:66.63281765779858

epoch 1500 start, epsilon: 0.001 time: 2020-06-29 15:25:46.027523

부족분 점수: 34.581434636228934

추가분 점수: 2.07831013832827

기타 점수: 30.0

[Episode 1501] - Mean score over last 1 times:66.6597447745572

epoch 1501 start, epsilon: 0.001 time: 2020-06-29 15:25:49.467679

부족분 점수: 34.58778931289924

추가분 점수: 0

기타 점수: 30.0

[Episode 1502] - Mean score over last 1 times:64.58778931289925

epoch 1502 start, epsilon: 0.001 time: 2020-06-29 15:25:52.902355
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1503] - Mean score over last 1 times:64.58778931289925

epoch 1503 start, epsilon: 0.001 time: 2020-06-29 15:25:56.337240
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1504] - Mean score over last 1 times:64.58778931289925

epoch 1504 start, epsilon: 0.001 time: 2020-06-29 15:25:59.807063
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1505] - Mean score over last 1 times:64.58778931289925

epoch 1505 start, epsilon: 0.001 time: 2020-06-29 15:26:03.244843
부족분 점수: 41.630299442441256
추가분 점수: 0
기타 점수: 30.0
[Episode 1506] - Mean score over last 1 times:71.63029944244126

epoch 1506 start, epsilon: 0.001 time: 2020-06-29 15:26:06.754963
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1507] - Mean score over last 1 times:64.58778931289925

epoch 1507 start, epsilon: 0.001 time: 2020-06-29 15:26:10.245920
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1508] - Mean score over last 1 times:64.58778931289925

epoch 1508 start, epsilon: 0.001 time: 2020-06-29 15:26:13.697179
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1509] - Mean score over last 1 times:64.58778931289925

epoch 1509 start, epsilon: 0.001 time: 2020-06-29 15:26:17.132846
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1510] - Mean score over last 1 times:64.58778931289925

epoch 1510 start, epsilon: 0.001 time: 2020-06-29 15:26:20.600267
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1511] - Mean score over last 1 times:64.58778931289925

epoch 1511 start, epsilon: 0.001 time: 2020-06-29 15:26:24.045223
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1512] - Mean score over last 1 times:64.58778931289925

epoch 1512 start, epsilon: 0.001 time: 2020-06-29 15:26:27.475713
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1513] - Mean score over last 1 times:64.58778931289925

epoch 1513 start, epsilon: 0.001 time: 2020-06-29 15:26:30.900534
부족분 점수: 34.58778931289924
추가분 점수: 0
기타 점수: 30.0
[Episode 1514] - Mean score over last 1 times:64.58778931289925

epoch 1514 start, epsilon: 0.001 time: 2020-06-29 15:26:34.339412
부족분 점수: 34.54620051163057
추가분 점수: 0.9965208260434522
기타 점수: 30.0
[Episode 1515] - Mean score over last 1 times:65.54272133767402

epoch 1515 start, epsilon: 0.001 time: 2020-06-29 15:26:37.835658
부족분 점수: 36.340664738810034
추가분 점수: 0
기타 점수: 30.0
[Episode 1516] - Mean score over last 1 times:66.34066473881003

epoch 1516 start, epsilon: 0.001 time: 2020-06-29 15:26:41.259072
부족분 점수: 34.58778931289924
추가분 점수: 0.45850750963953857
기타 점수: 30.0
[Episode 1517] - Mean score over last 1 times:65.04629682253878

epoch 1517 start, epsilon: 0.001 time: 2020-06-29 15:26:44.697637
부족분 점수: 34.58778931289924
추가분 점수: 0.4405509782699868
기타 점수: 30.0
[Episode 1518] - Mean score over last 1 times:65.02834029116923

epoch 1518 start, epsilon: 0.001 time: 2020-06-29 15:26:48.137618
부족분 점수: 34.58778931289924
추가분 점수: 0.45701630342452004
기타 점수: 30.0
[Episode 1519] - Mean score over last 1 times:65.04480561632376

epoch 1519 start, epsilon: 0.001 time: 2020-06-29 15:26:51.555977
부족분 점수: 34.542558515404984
추가분 점수: 0.43312566837773403
기타 점수: 30.0
[Episode 1520] - Mean score over last 1 times:64.97568418378272

epoch 1520 start, epsilon: 0.001 time: 2020-06-29 15:26:55.020835
부족분 점수: 34.58960800692332
추가분 점수: 1.1749857069696845
기타 점수: 30.0
[Episode 1521] - Mean score over last 1 times:65.764593713893

epoch 1521 start, epsilon: 0.001 time: 2020-06-29 15:26:58.471198
부족분 점수: 34.58960800692332
추가분 점수: 1.1507528379460674
기타 점수: 30.0
[Episode 1522] - Mean score over last 1 times:65.74036084486939

epoch 1522 start, epsilon: 0.001 time: 2020-06-29 15:27:01.861110

부족분 점수: 34.486587592390116

추가분 점수: 1.153709444582518

기타 점수: 30.0

[Episode 1523] - Mean score over last 1 times:65.64029703697264

epoch 1523 start, epsilon: 0.001 time: 2020-06-29 15:27:05.310771

부족분 점수: 34.58960800692332

추가분 점수: 1.5493571131673134

기타 점수: 30.0

[Episode 1524] - Mean score over last 1 times:66.13896512009063

epoch 1524 start, epsilon: 0.001 time: 2020-06-29 15:27:08.767990

부족분 점수: 34.58960800692332

추가분 점수: 0.7910661571456079

기타 점수: 30.0

[Episode 1525] - Mean score over last 1 times:65.38067416406892

epoch 1525 start, epsilon: 0.001 time: 2020-06-29 15:27:12.197701

부족분 점수: 34.58960800692332

추가분 점수: 0.8998916463881268

기타 점수: 30.0

[Episode 1526] - Mean score over last 1 times:65.48949965331144

epoch 1526 start, epsilon: 0.001 time: 2020-06-29 15:27:15.631972

부족분 점수: 34.61184246300325

추가분 점수: 0.973878085443598

기타 점수: 30.0

[Episode 1527] - Mean score over last 1 times:65.58572054844684

epoch 1527 start, epsilon: 0.001 time: 2020-06-29 15:27:19.136696

부족분 점수: 34.241329637370235

추가분 점수: 3.4024379716277586

기타 점수: 30.0

[Episode 1528] - Mean score over last 1 times:67.64376760899799

epoch 1528 start, epsilon: 0.001 time: 2020-06-29 15:27:22.555588

부족분 점수: 34.26594959329762

추가분 점수: 3.3214692221365794

기타 점수: 30.0

[Episode 1529] - Mean score over last 1 times:67.5874188154342

epoch 1529 start, epsilon: 0.001 time: 2020-06-29 15:27:26.035748

부족분 점수: 34.241329637370235

추가분 점수: 3.4024379716277586

기타 점수: 30.0

[Episode 1530] - Mean score over last 1 times:67.64376760899799

epoch 1530 start, epsilon: 0.001 time: 2020-06-29 15:27:29.471472

부족분 점수: 34.18716204778803

추가분 점수: 3.4688559400789476

기타 점수: 30.0

[Episode 1531] - Mean score over last 1 times:67.65601798786697

epoch 1531 start, epsilon: 0.001 time: 2020-06-29 15:27:32.933844

부족분 점수: 34.06521738462583

추가분 점수: 4.435204878032295

기타 점수: 30.0

[Episode 1532] - Mean score over last 1 times:68.50042226265813

epoch 1532 start, epsilon: 0.001 time: 2020-06-29 15:27:36.404185

부족분 점수: 34.08914304182106

추가분 점수: 4.372892488455749

기타 점수: 30.0

[Episode 1533] - Mean score over last 1 times:68.46203553027681

epoch 1533 start, epsilon: 0.001 time: 2020-06-29 15:27:39.855643

부족분 점수: 34.068443108823956

추가분 점수: 4.440596445620589

기타 점수: 30.0

[Episode 1534] - Mean score over last 1 times:68.50903955444454

epoch 1534 start, epsilon: 0.001 time: 2020-06-29 15:27:43.443865

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1535] - Mean score over last 1 times:54.54576580689341

epoch 1535 start, epsilon: 0.001 time: 2020-06-29 15:27:46.896946

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1536] - Mean score over last 1 times:54.54576580689341

epoch 1536 start, epsilon: 0.001 time: 2020-06-29 15:27:50.321100

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1537] - Mean score over last 1 times:54.54576580689341

epoch 1537 start, epsilon: 0.001 time: 2020-06-29 15:27:53.779928

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1538] - Mean score over last 1 times:54.54576580689341

epoch 1538 start, epsilon: 0.001 time: 2020-06-29 15:27:57.247755

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1539] - Mean score over last 1 times:54.54576580689341

epoch 1539 start, epsilon: 0.001 time: 2020-06-29 15:28:00.720297

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1540] - Mean score over last 1 times:54.54576580689341

epoch 1540 start, epsilon: 0.001 time: 2020-06-29 15:28:04.207610

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1541] - Mean score over last 1 times:54.54576580689341

epoch 1541 start, epsilon: 0.001 time: 2020-06-29 15:28:07.669404

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1542] - Mean score over last 1 times:54.54576580689341

epoch 1542 start, epsilon: 0.001 time: 2020-06-29 15:28:11.101401

부족분 점수: 24.545765806893407

추가분 점수: 0
기타 점수: 30.0
[Episode 1543] - Mean score over last 1 times:54.54576580689341

epoch 1543 start, epsilon: 0.001 time: 2020-06-29 15:28:14.540542
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1544] - Mean score over last 1 times:54.54576580689341

epoch 1544 start, epsilon: 0.001 time: 2020-06-29 15:28:18.001936
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1545] - Mean score over last 1 times:54.54576580689341

epoch 1545 start, epsilon: 0.001 time: 2020-06-29 15:28:21.468257
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1546] - Mean score over last 1 times:54.54576580689341

epoch 1546 start, epsilon: 0.001 time: 2020-06-29 15:28:24.915226
부족분 점수: 29.62092518070968
추가분 점수: 0
기타 점수: 30.0
[Episode 1547] - Mean score over last 1 times:59.620925180709676

epoch 1547 start, epsilon: 0.001 time: 2020-06-29 15:28:28.385107
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1548] - Mean score over last 1 times:54.54576580689341

epoch 1548 start, epsilon: 0.001 time: 2020-06-29 15:28:31.815194
부족분 점수: 24.53073086001186
추가분 점수: 0
기타 점수: 30.0
[Episode 1549] - Mean score over last 1 times:54.53073086001186

epoch 1549 start, epsilon: 0.001 time: 2020-06-29 15:28:35.287103
부족분 점수: 24.5199630854267
추가분 점수: 0
기타 점수: 30.0
[Episode 1550] - Mean score over last 1 times:54.519963085426696

epoch 1550 start, epsilon: 0.001 time: 2020-06-29 15:28:38.737182
부족분 점수: 24.50929976286319
추가분 점수: 0
기타 점수: 30.0
[Episode 1551] - Mean score over last 1 times:54.50929976286319

epoch 1551 start, epsilon: 0.001 time: 2020-06-29 15:28:42.125451
부족분 점수: 24.502123294551936
추가분 점수: 0
기타 점수: 30.0
[Episode 1552] - Mean score over last 1 times:54.502123294551936

epoch 1552 start, epsilon: 0.001 time: 2020-06-29 15:28:45.555535
부족분 점수: 24.504814470168657
추가분 점수: 0

기타 점수: 30.0

[Episode 1553] - Mean score over last 1 times:54.504814470168654

epoch 1553 start, epsilon: 0.001 time: 2020-06-29 15:28:49.002191

부족분 점수: 24.502123294551936

추가분 점수: 0

기타 점수: 30.0

[Episode 1554] - Mean score over last 1 times:54.502123294551936

epoch 1554 start, epsilon: 0.001 time: 2020-06-29 15:28:52.439707

부족분 점수: 24.56395274713425

추가분 점수: 0

기타 점수: 30.0

[Episode 1555] - Mean score over last 1 times:54.56395274713425

epoch 1555 start, epsilon: 0.001 time: 2020-06-29 15:28:55.946026

부족분 점수: 24.40141311296824

추가분 점수: 0

기타 점수: 30.0

[Episode 1556] - Mean score over last 1 times:54.40141311296824

epoch 1556 start, epsilon: 0.001 time: 2020-06-29 15:28:59.440620

부족분 점수: 24.39782180669433

추가분 점수: 0

기타 점수: 30.0

[Episode 1557] - Mean score over last 1 times:54.39782180669433

epoch 1557 start, epsilon: 0.001 time: 2020-06-29 15:29:02.883596

부족분 점수: 24.40141311296824

추가분 점수: 0

기타 점수: 30.0

[Episode 1558] - Mean score over last 1 times:54.40141311296824

epoch 1558 start, epsilon: 0.001 time: 2020-06-29 15:29:06.308701

부족분 점수: 24.405898405662775

추가분 점수: 0

기타 점수: 30.0

[Episode 1559] - Mean score over last 1 times:54.405898405662775

epoch 1559 start, epsilon: 0.001 time: 2020-06-29 15:29:09.750452

부족분 점수: 24.428334085490295

추가분 점수: 0

기타 점수: 30.0

[Episode 1560] - Mean score over last 1 times:54.42833408549029

epoch 1560 start, epsilon: 0.001 time: 2020-06-29 15:29:13.213206

부족분 점수: 24.433719508842017

추가분 점수: 0

기타 점수: 30.0

[Episode 1561] - Mean score over last 1 times:54.43371950884202

epoch 1561 start, epsilon: 0.001 time: 2020-06-29 15:29:16.661094

부족분 점수: 24.1478036043935

추가분 점수: 0

기타 점수: 30.0

[Episode 1562] - Mean score over last 1 times:54.1478036043935

epoch 1562 start, epsilon: 0.001 time: 2020-06-29 15:29:20.174174

부족분 점수: 34.43826163572481

추가분 점수: 4.045810813426263

기타 점수: 30.0

[Episode 1563] - Mean score over last 1 times:68.48407244915107

epoch 1563 start, epsilon: 0.001 time: 2020-06-29 15:29:23.650199

부족분 점수: 34.43052450582673

추가분 점수: 4.057831397847613

기타 점수: 30.0

[Episode 1564] - Mean score over last 1 times:68.48835590367435

epoch 1564 start, epsilon: 0.001 time: 2020-06-29 15:29:27.100992

부족분 점수: 34.47115173407253

추가분 점수: 4.054220430016684

기타 점수: 30.0

[Episode 1565] - Mean score over last 1 times:68.52537216408922

epoch 1565 start, epsilon: 0.001 time: 2020-06-29 15:29:30.559829

부족분 점수: 34.46001530529329

추가분 점수: 3.9484873350387684

기타 점수: 30.0

[Episode 1566] - Mean score over last 1 times:68.40850264033206

epoch 1566 start, epsilon: 0.001 time: 2020-06-29 15:29:34.040475

부족분 점수: 34.475022603110276

추가분 점수: 3.9779299022482673

기타 점수: 30.0

[Episode 1567] - Mean score over last 1 times:68.45295250535855

epoch 1567 start, epsilon: 0.001 time: 2020-06-29 15:29:37.540537

부족분 점수: 34.47115173407253

추가분 점수: 3.9734446095537357

기타 점수: 30.0

[Episode 1568] - Mean score over last 1 times:68.44459634362627

epoch 1568 start, epsilon: 0.001 time: 2020-06-29 15:29:40.993655

부족분 점수: 34.47115173407253

추가분 점수: 3.9779299022482673

기타 점수: 30.0

[Episode 1569] - Mean score over last 1 times:68.4490816363208

epoch 1569 start, epsilon: 0.001 time: 2020-06-29 15:29:44.445573

부족분 점수: 34.350712408869455

추가분 점수: 4.205532086278598

기타 점수: 30.0

[Episode 1570] - Mean score over last 1 times:68.55624449514805

epoch 1570 start, epsilon: 0.001 time: 2020-06-29 15:29:47.884013

부족분 점수: 34.65271853283004

추가분 점수: 4.155794491261819

기타 점수: 30.0

[Episode 1571] - Mean score over last 1 times:68.80851302409187

epoch 1571 start, epsilon: 0.001 time: 2020-06-29 15:29:51.302959

부족분 점수: 34.36860596181418

추가분 점수: 4.154678083477441

기타 점수: 30.0

[Episode 1572] - Mean score over last 1 times:68.52328404529163

epoch 1572 start, epsilon: 0.001 time: 2020-06-29 15:29:54.733891

부족분 점수: 34.36860596181418

추가분 점수: 4.156651612263036

기타 점수: 30.0

[Episode 1573] - Mean score over last 1 times:68.52525757407722

epoch 1573 start, epsilon: 0.001 time: 2020-06-29 15:29:58.113656
부족분 점수: 34.378278526231135
추가분 점수: 3.801033030494154
기타 점수: 30.0
[Episode 1574] - Mean score over last 1 times:68.17931155672528

epoch 1574 start, epsilon: 0.001 time: 2020-06-29 15:30:01.539965
부족분 점수: 34.28870938160409
추가분 점수: 3.8900568741257913
기타 점수: 30.0
[Episode 1575] - Mean score over last 1 times:68.17876625572988

epoch 1575 start, epsilon: 0.001 time: 2020-06-29 15:30:04.990590
부족분 점수: 34.36860596181418
추가분 점수: 4.206365859180856
기타 점수: 30.0
[Episode 1576] - Mean score over last 1 times:68.57497182099505

epoch 1576 start, epsilon: 0.001 time: 2020-06-29 15:30:08.520767
부족분 점수: 34.36860596181418
추가분 점수: 4.242263561328543
기타 점수: 30.0
[Episode 1577] - Mean score over last 1 times:68.61086952314272

epoch 1577 start, epsilon: 0.001 time: 2020-06-29 15:30:11.988788
부족분 점수: 34.36860596181418
추가분 점수: 4.193430397934554
기타 점수: 30.0
[Episode 1578] - Mean score over last 1 times:68.56203635974873

epoch 1578 start, epsilon: 0.001 time: 2020-06-29 15:30:15.434141
부족분 점수: 34.36860596181418
추가분 점수: 4.188409327811302
기타 점수: 30.0
[Episode 1579] - Mean score over last 1 times:68.55701528962548

epoch 1579 start, epsilon: 0.001 time: 2020-06-29 15:30:18.825013
부족분 점수: 34.38602026430663
추가분 점수: 4.134545263515554
기타 점수: 30.0
[Episode 1580] - Mean score over last 1 times:68.52056552782219

epoch 1580 start, epsilon: 0.001 time: 2020-06-29 15:30:22.314506
부족분 점수: 40.97039307446231
추가분 점수: 5.085858640163707
기타 점수: 30.0
[Episode 1581] - Mean score over last 1 times:76.05625171462601

epoch 1581 start, epsilon: 0.001 time: 2020-06-29 15:30:25.733800
부족분 점수: 34.41503795755746
추가분 점수: 4.008872277603981
기타 점수: 30.0
[Episode 1582] - Mean score over last 1 times:68.42391023516144

epoch 1582 start, epsilon: 0.001 time: 2020-06-29 15:30:29.187884
부족분 점수: 34.50493274672259
추가분 점수: 3.9874651429779218
기타 점수: 30.0
[Episode 1583] - Mean score over last 1 times:68.49239788970051

epoch 1583 start, epsilon: 0.001 time: 2020-06-29 15:30:32.628441
부족분 점수: 34.50493274672259
추가분 점수: 4.0009210210615205
기타 점수: 30.0
[Episode 1584] - Mean score over last 1 times:68.50585376778412

epoch 1584 start, epsilon: 0.001 time: 2020-06-29 15:30:36.013808
부족분 점수: 34.511384195118836
추가분 점수: 3.9686711521641693
기타 점수: 30.0
[Episode 1585] - Mean score over last 1 times:68.48005534728301

epoch 1585 start, epsilon: 0.001 time: 2020-06-29 15:30:39.477057
부족분 점수: 34.50493274672259
추가분 점수: 4.036818723209208
기타 점수: 30.0
[Episode 1586] - Mean score over last 1 times:68.5417514699318

epoch 1586 start, epsilon: 0.001 time: 2020-06-29 15:30:42.930500
부족분 점수: 34.50493274672259
추가분 점수: 3.9066923946332555
기타 점수: 30.0
[Episode 1587] - Mean score over last 1 times:68.41162514135584

epoch 1587 start, epsilon: 0.001 time: 2020-06-29 15:30:46.367679
부족분 점수: 34.473978082893744
추가분 점수: 3.9109429774908966
기타 점수: 30.0
[Episode 1588] - Mean score over last 1 times:68.38492106038464

epoch 1588 start, epsilon: 0.001 time: 2020-06-29 15:30:49.789389
부족분 점수: 34.473978082893744
추가분 점수: 3.9001782750240155
기타 점수: 30.0
[Episode 1589] - Mean score over last 1 times:68.37415635791777

epoch 1589 start, epsilon: 0.001 time: 2020-06-29 15:30:53.203730
부족분 점수: 34.473978082893744
추가분 점수: 3.910225330659771
기타 점수: 30.0
[Episode 1590] - Mean score over last 1 times:68.38420341355351

epoch 1590 start, epsilon: 0.001 time: 2020-06-29 15:30:56.650142
부족분 점수: 34.473978082893744
추가분 점수: 3.914172388230961
기타 점수: 30.0
[Episode 1591] - Mean score over last 1 times:68.3881504711247

epoch 1591 start, epsilon: 0.001 time: 2020-06-29 15:31:00.101642
부족분 점수: 34.46340385176047
추가분 점수: 3.811551349074662
기타 점수: 30.0
[Episode 1592] - Mean score over last 1 times:68.27495520083514

epoch 1592 start, epsilon: 0.001 time: 2020-06-29 15:31:03.533256
부족분 점수: 34.50493581884087
추가분 점수: 3.620748226696524
기타 점수: 30.0
[Episode 1593] - Mean score over last 1 times:68.1256840455374

epoch 1593 start, epsilon: 0.001 time: 2020-06-29 15:31:06.970613
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1594] - Mean score over last 1 times:54.54576580689341

epoch 1594 start, epsilon: 0.001 time: 2020-06-29 15:31:10.441051
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1595] - Mean score over last 1 times:54.54576580689341

epoch 1595 start, epsilon: 0.001 time: 2020-06-29 15:31:13.887977
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1596] - Mean score over last 1 times:54.54576580689341

epoch 1596 start, epsilon: 0.001 time: 2020-06-29 15:31:17.356529
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1597] - Mean score over last 1 times:54.54576580689341

epoch 1597 start, epsilon: 0.001 time: 2020-06-29 15:31:20.847496
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1598] - Mean score over last 1 times:54.54576580689341

epoch 1598 start, epsilon: 0.001 time: 2020-06-29 15:31:24.287858
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1599] - Mean score over last 1 times:54.54576580689341

epoch 1599 start, epsilon: 0.001 time: 2020-06-29 15:31:27.765411
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1600] - Mean score over last 1 times:54.54576580689341

epoch 1600 start, epsilon: 0.001 time: 2020-06-29 15:31:31.211518
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1601] - Mean score over last 1 times:54.54576580689341

epoch 1601 start, epsilon: 0.001 time: 2020-06-29 15:31:34.713623
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1602] - Mean score over last 1 times:54.54576580689341

epoch 1602 start, epsilon: 0.001 time: 2020-06-29 15:31:38.142622
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1603] - Mean score over last 1 times:54.54576580689341

epoch 1603 start, epsilon: 0.001 time: 2020-06-29 15:31:41.539566

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1604] - Mean score over last 1 times:54.54576580689341

epoch 1604 start, epsilon: 0.001 time: 2020-06-29 15:31:45.007073

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1605] - Mean score over last 1 times:54.54576580689341

epoch 1605 start, epsilon: 0.001 time: 2020-06-29 15:31:48.428098

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1606] - Mean score over last 1 times:54.54576580689341

epoch 1606 start, epsilon: 0.001 time: 2020-06-29 15:31:51.874549

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1607] - Mean score over last 1 times:54.54576580689341

epoch 1607 start, epsilon: 0.001 time: 2020-06-29 15:31:55.316394

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1608] - Mean score over last 1 times:54.54576580689341

epoch 1608 start, epsilon: 0.001 time: 2020-06-29 15:31:58.756779

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1609] - Mean score over last 1 times:54.54576580689341

epoch 1609 start, epsilon: 0.001 time: 2020-06-29 15:32:02.286062

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1610] - Mean score over last 1 times:54.54576580689341

epoch 1610 start, epsilon: 0.001 time: 2020-06-29 15:32:05.740945

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1611] - Mean score over last 1 times:54.54576580689341

epoch 1611 start, epsilon: 0.001 time: 2020-06-29 15:32:09.258408

부족분 점수: 24.56395274713425

추가분 점수: 0

기타 점수: 30.0

[Episode 1612] - Mean score over last 1 times:54.56395274713425

epoch 1612 start, epsilon: 0.001 time: 2020-06-29 15:32:12.728262

부족분 점수: 24.56395274713425

추가분 점수: 0

기타 점수: 30.0

[Episode 1613] - Mean score over last 1 times:54.56395274713425

epoch 1613 start, epsilon: 0.001 time: 2020-06-29 15:32:16.179052

부족분 점수: 24.56395274713425

추가분 점수: 0
기타 점수: 30.0
[Episode 1614] - Mean score over last 1 times:54.56395274713425

epoch 1614 start, epsilon: 0.001 time: 2020-06-29 15:32:19.629260
부족분 점수: 24.56395274713425
추가분 점수: 0
기타 점수: 30.0
[Episode 1615] - Mean score over last 1 times:54.56395274713425

epoch 1615 start, epsilon: 0.001 time: 2020-06-29 15:32:23.088192
부족분 점수: 24.56395274713425
추가분 점수: 0
기타 점수: 30.0
[Episode 1616] - Mean score over last 1 times:54.56395274713425

epoch 1616 start, epsilon: 0.001 time: 2020-06-29 15:32:26.472847
부족분 점수: 24.542842686346244
추가분 점수: 0
기타 점수: 30.0
[Episode 1617] - Mean score over last 1 times:54.54284268634625

epoch 1617 start, epsilon: 0.001 time: 2020-06-29 15:32:29.918175
부족분 점수: 24.540149974670385
추가분 점수: 0
기타 점수: 30.0
[Episode 1618] - Mean score over last 1 times:54.540149974670385

epoch 1618 start, epsilon: 0.001 time: 2020-06-29 15:32:33.346336
부족분 점수: 24.540598503939837
추가분 점수: 0
기타 점수: 30.0
[Episode 1619] - Mean score over last 1 times:54.54059850393983

epoch 1619 start, epsilon: 0.001 time: 2020-06-29 15:32:36.815356
부족분 점수: 25.973419110971978
추가분 점수: 0
기타 점수: 30.0
[Episode 1620] - Mean score over last 1 times:55.973419110971975

epoch 1620 start, epsilon: 0.001 time: 2020-06-29 15:32:40.259693
부족분 점수: 23.664931124644134
추가분 점수: 0
기타 점수: 30.0
[Episode 1621] - Mean score over last 1 times:53.664931124644134

epoch 1621 start, epsilon: 0.001 time: 2020-06-29 15:32:43.704841
부족분 점수: 23.664931124644134
추가분 점수: 0
기타 점수: 30.0
[Episode 1622] - Mean score over last 1 times:53.664931124644134

epoch 1622 start, epsilon: 0.001 time: 2020-06-29 15:32:47.129769
부족분 점수: 23.679290205503207
추가분 점수: 0
기타 점수: 30.0
[Episode 1623] - Mean score over last 1 times:53.67929020550321

epoch 1623 start, epsilon: 0.001 time: 2020-06-29 15:32:50.588953
부족분 점수: 23.88030504905712

추가분 점수: 0
기타 점수: 30.0
[Episode 1624] - Mean score over last 1 times:53.88030504905712

epoch 1624 start, epsilon: 0.001 time: 2020-06-29 15:32:54.024824
부족분 점수: 23.88927563444619
추가분 점수: 0
기타 점수: 30.0
[Episode 1625] - Mean score over last 1 times:53.88927563444619

epoch 1625 start, epsilon: 0.001 time: 2020-06-29 15:32:57.475362
부족분 점수: 23.88030504905712
추가분 점수: 0
기타 점수: 30.0
[Episode 1626] - Mean score over last 1 times:53.88030504905712

epoch 1626 start, epsilon: 0.001 time: 2020-06-29 15:33:00.927634
부족분 점수: 23.885693544527133
추가분 점수: 0
기타 점수: 30.0
[Episode 1627] - Mean score over last 1 times:53.88569354452713

epoch 1627 start, epsilon: 0.001 time: 2020-06-29 15:33:04.387663
부족분 점수: 23.95568868750812
추가분 점수: 0
기타 점수: 30.0
[Episode 1628] - Mean score over last 1 times:53.955688687508115

epoch 1628 start, epsilon: 0.001 time: 2020-06-29 15:33:07.849264
부족분 점수: 34.43620638859286
추가분 점수: 3.508532962139521
기타 점수: 30.0
[Episode 1629] - Mean score over last 1 times:67.94473935073238

epoch 1629 start, epsilon: 0.001 time: 2020-06-29 15:33:11.285340
부족분 점수: 34.43620638859286
추가분 점수: 3.508532962139521
기타 점수: 30.0
[Episode 1630] - Mean score over last 1 times:67.94473935073238

epoch 1630 start, epsilon: 0.001 time: 2020-06-29 15:33:14.776428
부족분 점수: 34.403313218126854
추가분 점수: 3.831398462036144
기타 점수: 30.0
[Episode 1631] - Mean score over last 1 times:68.234711680163

epoch 1631 start, epsilon: 0.001 time: 2020-06-29 15:33:18.274254
부족분 점수: 34.403313218126854
추가분 점수: 3.8416101832119187
기타 점수: 30.0
[Episode 1632] - Mean score over last 1 times:68.24492340133878

epoch 1632 start, epsilon: 0.001 time: 2020-06-29 15:33:21.749890
부족분 점수: 34.56132762206063
추가분 점수: 3.0224028081618814
기타 점수: 30.0
[Episode 1633] - Mean score over last 1 times:67.58373043022252

epoch 1633 start, epsilon: 0.001 time: 2020-06-29 15:33:25.258042
부족분 점수: 34.58778931289924
추가분 점수: 2.3378365467178575

기타 점수: 30.0

[Episode 1634] - Mean score over last 1 times:66.9256258596171

epoch 1634 start, epsilon: 0.001 time: 2020-06-29 15:33:28.738213

부족분 점수: 34.58778931289924

추가분 점수: 2.303806692486796

기타 점수: 30.0

[Episode 1635] - Mean score over last 1 times:66.89159600538603

epoch 1635 start, epsilon: 0.001 time: 2020-06-29 15:33:32.315167

부족분 점수: 34.58778931289924

추가분 점수: 6.6054862502738025

기타 점수: 30.0

[Episode 1636] - Mean score over last 1 times:71.19327556317305

epoch 1636 start, epsilon: 0.001 time: 2020-06-29 15:33:35.787304

부족분 점수: 34.58778931289924

추가분 점수: 6.6054862502738025

기타 점수: 30.0

[Episode 1637] - Mean score over last 1 times:71.19327556317305

epoch 1637 start, epsilon: 0.001 time: 2020-06-29 15:33:39.254797

부족분 점수: 34.58778931289924

추가분 점수: 6.6054862502738025

기타 점수: 30.0

[Episode 1638] - Mean score over last 1 times:71.19327556317305

epoch 1638 start, epsilon: 0.001 time: 2020-06-29 15:33:42.769467

부족분 점수: 34.58778931289924

추가분 점수: 6.592792257524616

기타 점수: 30.0

[Episode 1639] - Mean score over last 1 times:71.18058157042385

epoch 1639 start, epsilon: 0.001 time: 2020-06-29 15:33:46.216836

부족분 점수: 34.519474618619554

추가분 점수: 6.616559393416388

기타 점수: 30.0

[Episode 1640] - Mean score over last 1 times:71.13603401203594

epoch 1640 start, epsilon: 0.001 time: 2020-06-29 15:33:49.659282

부족분 점수: 34.58778931289924

추가분 점수: 6.580712688432215

기타 점수: 30.0

[Episode 1641] - Mean score over last 1 times:71.16850200133146

epoch 1641 start, epsilon: 0.001 time: 2020-06-29 15:33:53.084228

부족분 점수: 34.58778931289924

추가분 점수: 6.627928074337889

기타 점수: 30.0

[Episode 1642] - Mean score over last 1 times:71.21571738723713

epoch 1642 start, epsilon: 0.001 time: 2020-06-29 15:33:56.485012

부족분 점수: 34.58778931289924

추가분 점수: 6.622556168306614

기타 점수: 30.0

[Episode 1643] - Mean score over last 1 times:71.21034548120585

epoch 1643 start, epsilon: 0.001 time: 2020-06-29 15:33:59.932889

부족분 점수: 34.58778931289924

추가분 점수: 6.5406780718033914

기타 점수: 30.0

[Episode 1644] - Mean score over last 1 times:71.12846738470263

epoch 1644 start, epsilon: 0.001 time: 2020-06-29 15:34:03.354329

부족분 점수: 34.58778931289924

추가분 점수: 6.545163364497926

기타 점수: 30.0

[Episode 1645] - Mean score over last 1 times:71.13295267739716

epoch 1645 start, epsilon: 0.001 time: 2020-06-29 15:34:06.877278

부족분 점수: 34.58778931289924

추가분 점수: 4.779901464878162

기타 점수: 30.0

[Episode 1646] - Mean score over last 1 times:69.3676907777774

epoch 1646 start, epsilon: 0.001 time: 2020-06-29 15:34:10.361092

부족분 점수: 34.58778931289924

추가분 점수: 4.785614376038952

기타 점수: 30.0

[Episode 1647] - Mean score over last 1 times:69.3734036889382

epoch 1647 start, epsilon: 0.001 time: 2020-06-29 15:34:13.822270

부족분 점수: 36.63948968428762

추가분 점수: 4.410338538218534

기타 점수: 30.0

[Episode 1648] - Mean score over last 1 times:71.04982822250615

epoch 1648 start, epsilon: 0.001 time: 2020-06-29 15:34:17.281490

부족분 점수: 36.63948968428762

추가분 점수: 4.410338538218534

기타 점수: 30.0

[Episode 1649] - Mean score over last 1 times:71.04982822250615

epoch 1649 start, epsilon: 0.001 time: 2020-06-29 15:34:20.748160

부족분 점수: 36.63948968428762

추가분 점수: 3.512950668231809

기타 점수: 30.0

[Episode 1650] - Mean score over last 1 times:70.15244035251942

epoch 1650 start, epsilon: 0.001 time: 2020-06-29 15:34:24.221590

부족분 점수: 36.63948968428762

추가분 점수: 0.11076153818504686

기타 점수: 30.0

[Episode 1651] - Mean score over last 1 times:66.75025122247266

epoch 1651 start, epsilon: 0.001 time: 2020-06-29 15:34:27.625217

부족분 점수: 38.81377064732297

추가분 점수: 0.7721271623488546

기타 점수: 30.0

[Episode 1652] - Mean score over last 1 times:69.58589780967182

epoch 1652 start, epsilon: 0.001 time: 2020-06-29 15:34:31.066643

부족분 점수: 36.63948968428762

추가분 점수: 1.436535412461064

기타 점수: 30.0

[Episode 1653] - Mean score over last 1 times:68.07602509674868

epoch 1653 start, epsilon: 0.001 time: 2020-06-29 15:34:34.840956

부족분 점수: 31.345423450031838

추가분 점수: 0

기타 점수: 30.0

[Episode 1654] - Mean score over last 1 times:61.34542345003184

epoch 1654 start, epsilon: 0.001 time: 2020-06-29 15:34:38.306865
부족분 점수: 36.533496995314714
추가분 점수: 2.218681981381121
기타 점수: 30.0
[Episode 1655] - Mean score over last 1 times:68.75217897669583

epoch 1655 start, epsilon: 0.001 time: 2020-06-29 15:34:41.791867
부족분 점수: 24.546220480399423
추가분 점수: 0
기타 점수: 30.0
[Episode 1656] - Mean score over last 1 times:54.54622048039943

epoch 1656 start, epsilon: 0.001 time: 2020-06-29 15:34:45.232140
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1657] - Mean score over last 1 times:54.54576580689341

epoch 1657 start, epsilon: 0.001 time: 2020-06-29 15:34:48.688832
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1658] - Mean score over last 1 times:54.54576580689341

epoch 1658 start, epsilon: 0.001 time: 2020-06-29 15:34:52.154398
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1659] - Mean score over last 1 times:54.54576580689341

epoch 1659 start, epsilon: 0.001 time: 2020-06-29 15:34:55.607310
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1660] - Mean score over last 1 times:54.54576580689341

epoch 1660 start, epsilon: 0.001 time: 2020-06-29 15:34:59.054460
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1661] - Mean score over last 1 times:54.54576580689341

epoch 1661 start, epsilon: 0.001 time: 2020-06-29 15:35:02.495133
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1662] - Mean score over last 1 times:54.54576580689341

epoch 1662 start, epsilon: 0.001 time: 2020-06-29 15:35:05.970153
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1663] - Mean score over last 1 times:54.54576580689341

epoch 1663 start, epsilon: 0.001 time: 2020-06-29 15:35:09.398796
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1664] - Mean score over last 1 times:54.54576580689341

epoch 1664 start, epsilon: 0.001 time: 2020-06-29 15:35:12.884577
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1665] - Mean score over last 1 times:54.54576580689341

epoch 1665 start, epsilon: 0.001 time: 2020-06-29 15:35:16.344513
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1666] - Mean score over last 1 times:54.54576580689341

epoch 1666 start, epsilon: 0.001 time: 2020-06-29 15:35:19.847887
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1667] - Mean score over last 1 times:54.54576580689341

epoch 1667 start, epsilon: 0.001 time: 2020-06-29 15:35:23.379533
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1668] - Mean score over last 1 times:54.54576580689341

epoch 1668 start, epsilon: 0.001 time: 2020-06-29 15:35:26.820209
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1669] - Mean score over last 1 times:54.54576580689341

epoch 1669 start, epsilon: 0.001 time: 2020-06-29 15:35:30.266870
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1670] - Mean score over last 1 times:54.54576580689341

epoch 1670 start, epsilon: 0.001 time: 2020-06-29 15:35:33.717753
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1671] - Mean score over last 1 times:54.54576580689341

epoch 1671 start, epsilon: 0.001 time: 2020-06-29 15:35:37.187790
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1672] - Mean score over last 1 times:54.54576580689341

epoch 1672 start, epsilon: 0.001 time: 2020-06-29 15:35:40.684271
부족분 점수: 31.963019068945396
추가분 점수: 0
기타 점수: 30.0
[Episode 1673] - Mean score over last 1 times:61.9630190689454

epoch 1673 start, epsilon: 0.001 time: 2020-06-29 15:35:44.162780
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1674] - Mean score over last 1 times:54.54576580689341

epoch 1674 start, epsilon: 0.001 time: 2020-06-29 15:35:47.641843
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1675] - Mean score over last 1 times:54.54576580689341

epoch 1675 start, epsilon: 0.001 time: 2020-06-29 15:35:51.109101
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1676] - Mean score over last 1 times:54.54576580689341

epoch 1676 start, epsilon: 0.001 time: 2020-06-29 15:35:54.624813
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1677] - Mean score over last 1 times:54.54576580689341

epoch 1677 start, epsilon: 0.001 time: 2020-06-29 15:35:58.069242
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1678] - Mean score over last 1 times:54.54576580689341

epoch 1678 start, epsilon: 0.001 time: 2020-06-29 15:36:01.506352
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1679] - Mean score over last 1 times:54.54576580689341

epoch 1679 start, epsilon: 0.001 time: 2020-06-29 15:36:04.960928
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1680] - Mean score over last 1 times:54.54576580689341

epoch 1680 start, epsilon: 0.001 time: 2020-06-29 15:36:08.521268
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1681] - Mean score over last 1 times:54.54576580689341

epoch 1681 start, epsilon: 0.001 time: 2020-06-29 15:36:12.048785
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1682] - Mean score over last 1 times:54.54576580689341

epoch 1682 start, epsilon: 0.001 time: 2020-06-29 15:36:15.522616
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1683] - Mean score over last 1 times:54.54576580689341

epoch 1683 start, epsilon: 0.001 time: 2020-06-29 15:36:18.974397
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1684] - Mean score over last 1 times:54.54576580689341

epoch 1684 start, epsilon: 0.001 time: 2020-06-29 15:36:22.435434

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1685] - Mean score over last 1 times:54.54576580689341

epoch 1685 start, epsilon: 0.001 time: 2020-06-29 15:36:25.883345

부족분 점수: 24.426543040530763

추가분 점수: 0

기타 점수: 30.0

[Episode 1686] - Mean score over last 1 times:54.42654304053076

epoch 1686 start, epsilon: 0.001 time: 2020-06-29 15:36:29.369851

부족분 점수: 24.42923421614748

추가분 점수: 0

기타 점수: 30.0

[Episode 1687] - Mean score over last 1 times:54.42923421614748

epoch 1687 start, epsilon: 0.001 time: 2020-06-29 15:36:32.722984

부족분 점수: 23.400854909076052

추가분 점수: 0

기타 점수: 30.0

[Episode 1688] - Mean score over last 1 times:53.40085490907605

epoch 1688 start, epsilon: 0.001 time: 2020-06-29 15:36:36.190538

부족분 점수: 23.385148704349472

추가분 점수: 0

기타 점수: 30.0

[Episode 1689] - Mean score over last 1 times:53.385148704349476

epoch 1689 start, epsilon: 0.001 time: 2020-06-29 15:36:39.642217

부족분 점수: 23.69523449939679

추가분 점수: 0

기타 점수: 30.0

[Episode 1690] - Mean score over last 1 times:53.69523449939679

epoch 1690 start, epsilon: 0.001 time: 2020-06-29 15:36:43.126962

부족분 점수: 23.69523449939679

추가분 점수: 0

기타 점수: 30.0

[Episode 1691] - Mean score over last 1 times:53.69523449939679

epoch 1691 start, epsilon: 0.001 time: 2020-06-29 15:36:46.586938

부족분 점수: 36.668822269662556

추가분 점수: 3.0691020781958556

기타 점수: 30.0

[Episode 1692] - Mean score over last 1 times:69.73792434785841

epoch 1692 start, epsilon: 0.001 time: 2020-06-29 15:36:50.079924

부족분 점수: 37.51685748105348

추가분 점수: 4.036757895267186

기타 점수: 30.0

[Episode 1693] - Mean score over last 1 times:71.55361537632066

epoch 1693 start, epsilon: 0.001 time: 2020-06-29 15:36:53.533591

부족분 점수: 36.559706772454035

추가분 점수: 3.8655972827728213

기타 점수: 30.0

[Episode 1694] - Mean score over last 1 times:70.42530405522686

epoch 1694 start, epsilon: 0.001 time: 2020-06-29 15:36:57.027601

부족분 점수: 36.559706772454035

추가분 점수: 3.8655972827728213

기타 점수: 30.0

[Episode 1695] - Mean score over last 1 times:70.42530405522686

epoch 1695 start, epsilon: 0.001 time: 2020-06-29 15:37:00.471976

부족분 점수: 36.45471098586426

추가분 점수: 3.3827825588471927

기타 점수: 30.0

[Episode 1696] - Mean score over last 1 times:69.83749354471145

epoch 1696 start, epsilon: 0.001 time: 2020-06-29 15:37:03.948815

부족분 점수: 36.45471098586426

추가분 점수: 3.374524704899997

기타 점수: 30.0

[Episode 1697] - Mean score over last 1 times:69.82923569076425

epoch 1697 start, epsilon: 0.001 time: 2020-06-29 15:37:07.443667

부족분 점수: 36.460096409215986

추가분 점수: 3.370934627473401

기타 점수: 30.0

[Episode 1698] - Mean score over last 1 times:69.83103103668938

epoch 1698 start, epsilon: 0.001 time: 2020-06-29 15:37:10.870285

부족분 점수: 27.2305037997495

추가분 점수: 0

기타 점수: 30.0

[Episode 1699] - Mean score over last 1 times:57.2305037997495

epoch 1699 start, epsilon: 0.001 time: 2020-06-29 15:37:14.347328

부족분 점수: 36.45471098586426

추가분 점수: 1.8731977034072567

기타 점수: 30.0

[Episode 1700] - Mean score over last 1 times:68.32790868927151

epoch 1700 start, epsilon: 0.001 time: 2020-06-29 15:37:17.826603

부족분 점수: 36.462787584832704

추가분 점수: 1.9036743456311256

기타 점수: 30.0

[Episode 1701] - Mean score over last 1 times:68.36646193046383

epoch 1701 start, epsilon: 0.001 time: 2020-06-29 15:37:21.300593

부족분 점수: 36.455608044403164

추가분 점수: 1.8958625632587567

기타 점수: 30.0

[Episode 1702] - Mean score over last 1 times:68.35147060766192

epoch 1702 start, epsilon: 0.001 time: 2020-06-29 15:37:24.772564

부족분 점수: 36.44842850397363

추가분 점수: 1.925838450202344

기타 점수: 30.0

[Episode 1703] - Mean score over last 1 times:68.37426695417597

epoch 1703 start, epsilon: 0.001 time: 2020-06-29 15:37:28.209434

부족분 점수: 36.63948968428762

추가분 점수: 0

기타 점수: 30.0

[Episode 1704] - Mean score over last 1 times:66.63948968428761

epoch 1704 start, epsilon: 0.001 time: 2020-06-29 15:37:31.662951

부족분 점수: 36.63948968428762

추가분 점수: 0

기타 점수: 30.0

[Episode 1705] - Mean score over last 1 times:66.63948968428761

epoch 1705 start, epsilon: 0.001 time: 2020-06-29 15:37:35.125352

부족분 점수: 36.63948968428762

추가분 점수: 0

기타 점수: 30.0

[Episode 1706] - Mean score over last 1 times:66.63948968428761

epoch 1706 start, epsilon: 0.001 time: 2020-06-29 15:37:38.636845

부족분 점수: 36.63948968428762

추가분 점수: 0

기타 점수: 30.0

[Episode 1707] - Mean score over last 1 times:66.63948968428761

epoch 1707 start, epsilon: 0.001 time: 2020-06-29 15:37:42.078261

부족분 점수: 36.63948968428762

추가분 점수: 0

기타 점수: 30.0

[Episode 1708] - Mean score over last 1 times:66.63948968428761

epoch 1708 start, epsilon: 0.001 time: 2020-06-29 15:37:45.527152

부족분 점수: 36.61015709891269

추가분 점수: 0

기타 점수: 30.0

[Episode 1709] - Mean score over last 1 times:66.61015709891268

epoch 1709 start, epsilon: 0.001 time: 2020-06-29 15:37:49.007432

부족분 점수: 36.63948968428762

추가분 점수: 0

기타 점수: 30.0

[Episode 1710] - Mean score over last 1 times:66.63948968428761

epoch 1710 start, epsilon: 0.001 time: 2020-06-29 15:37:52.422015

부족분 점수: 36.63948968428762

추가분 점수: 1.281351043890433

기타 점수: 30.0

[Episode 1711] - Mean score over last 1 times:67.92084072817805

epoch 1711 start, epsilon: 0.001 time: 2020-06-29 15:37:55.875805

부족분 점수: 36.63948968428762

추가분 점수: 1.1180224897491087

기타 점수: 30.0

[Episode 1712] - Mean score over last 1 times:67.75751217403672

epoch 1712 start, epsilon: 0.001 time: 2020-06-29 15:37:59.307309

부족분 점수: 36.63948968428762

추가분 점수: 1.1180224897491087

기타 점수: 30.0

[Episode 1713] - Mean score over last 1 times:67.75751217403672

epoch 1713 start, epsilon: 0.001 time: 2020-06-29 15:38:02.728782

부족분 점수: 36.63948968428762

추가분 점수: 1.1015067818547175

기타 점수: 30.0

[Episode 1714] - Mean score over last 1 times:67.74099646614233

epoch 1714 start, epsilon: 0.001 time: 2020-06-29 15:38:06.248903

부족분 점수: 36.63948968428762

추가분 점수: 1.1382665203928743

기타 점수: 30.0

[Episode 1715] - Mean score over last 1 times:67.77775620468049

epoch 1715 start, epsilon: 0.001 time: 2020-06-29 15:38:09.773311

부족분 점수: 41.50709674684179

추가분 점수: 1.6319387247575556

기타 점수: 30.0

[Episode 1716] - Mean score over last 1 times:73.13903547159934

epoch 1716 start, epsilon: 0.001 time: 2020-06-29 15:38:13.240829

부족분 점수: 36.69815485503749

추가분 점수: 1.0986042445000632

기타 점수: 30.0

[Episode 1717] - Mean score over last 1 times:67.79675909953755

epoch 1717 start, epsilon: 0.001 time: 2020-06-29 15:38:16.747620

부족분 점수: 36.63948968428762

추가분 점수: 1.1539201918967956

기타 점수: 30.0

[Episode 1718] - Mean score over last 1 times:67.79340987618441

epoch 1718 start, epsilon: 0.001 time: 2020-06-29 15:38:20.247029

부족분 점수: 36.63948968428762

추가분 점수: 2.2462149198653303

기타 점수: 30.0

[Episode 1719] - Mean score over last 1 times:68.88570460415295

epoch 1719 start, epsilon: 0.001 time: 2020-06-29 15:38:23.690545

부족분 점수: 36.61015709891269

추가분 점수: 2.09715205418725

기타 점수: 30.0

[Episode 1720] - Mean score over last 1 times:68.70730915309994

epoch 1720 start, epsilon: 0.001 time: 2020-06-29 15:38:27.051002

부족분 점수: 36.63948968428762

추가분 점수: 2.0717444071318614

기타 점수: 30.0

[Episode 1721] - Mean score over last 1 times:68.71123409141947

epoch 1721 start, epsilon: 0.001 time: 2020-06-29 15:38:30.530535

부족분 점수: 36.63948968428762

추가분 점수: 2.098656163299062

기타 점수: 30.0

[Episode 1722] - Mean score over last 1 times:68.73814584758668

epoch 1722 start, epsilon: 0.001 time: 2020-06-29 15:38:33.951786

부족분 점수: 36.63948968428762

추가분 점수: 2.0717444071318614

기타 점수: 30.0

[Episode 1723] - Mean score over last 1 times:68.71123409141947

epoch 1723 start, epsilon: 0.001 time: 2020-06-29 15:38:37.450237

부족분 점수: 36.78071956997717

추가분 점수: 2.261612376704374

기타 점수: 30.0

[Episode 1724] - Mean score over last 1 times:69.04233194668154

epoch 1724 start, epsilon: 0.001 time: 2020-06-29 15:38:40.893116

부족분 점수: 32.91884108638704

추가분 점수: 4.2591276474363315

기타 점수: 30.0

[Episode 1725] - Mean score over last 1 times:67.17796873382338

epoch 1725 start, epsilon: 0.001 time: 2020-06-29 15:38:44.360896
부족분 점수: 26.760048822103766
추가분 점수: 0.5017549475696925
기타 점수: 30.0
[Episode 1726] - Mean score over last 1 times:57.26180376967346

epoch 1726 start, epsilon: 0.001 time: 2020-06-29 15:38:47.800081
부족분 점수: 32.88950850101211
추가분 점수: 5.077487117840005
기타 점수: 30.0
[Episode 1727] - Mean score over last 1 times:67.96699561885211

epoch 1727 start, epsilon: 0.001 time: 2020-06-29 15:38:51.243068
부족분 점수: 32.91884108638704
추가분 점수: 5.931519411332983
기타 점수: 30.0
[Episode 1728] - Mean score over last 1 times:68.85036049772003

epoch 1728 start, epsilon: 0.001 time: 2020-06-29 15:38:54.697262
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1729] - Mean score over last 1 times:54.54576580689341

epoch 1729 start, epsilon: 0.001 time: 2020-06-29 15:38:58.195058
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1730] - Mean score over last 1 times:54.54576580689341

epoch 1730 start, epsilon: 0.001 time: 2020-06-29 15:39:01.660902
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1731] - Mean score over last 1 times:54.54576580689341

epoch 1731 start, epsilon: 0.001 time: 2020-06-29 15:39:05.064277
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1732] - Mean score over last 1 times:54.54576580689341

epoch 1732 start, epsilon: 0.001 time: 2020-06-29 15:39:08.493097
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1733] - Mean score over last 1 times:54.54576580689341

epoch 1733 start, epsilon: 0.001 time: 2020-06-29 15:39:11.942646
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1734] - Mean score over last 1 times:54.54576580689341

epoch 1734 start, epsilon: 0.001 time: 2020-06-29 15:39:15.316482
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1735] - Mean score over last 1 times:54.54576580689341

epoch 1735 start, epsilon: 0.001 time: 2020-06-29 15:39:18.770243
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1736] - Mean score over last 1 times:54.54576580689341

epoch 1736 start, epsilon: 0.001 time: 2020-06-29 15:39:22.239536
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1737] - Mean score over last 1 times:54.54576580689341

epoch 1737 start, epsilon: 0.001 time: 2020-06-29 15:39:25.741870
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1738] - Mean score over last 1 times:54.54576580689341

epoch 1738 start, epsilon: 0.001 time: 2020-06-29 15:39:29.180999
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1739] - Mean score over last 1 times:54.54576580689341

epoch 1739 start, epsilon: 0.001 time: 2020-06-29 15:39:32.619840
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1740] - Mean score over last 1 times:54.54576580689341

epoch 1740 start, epsilon: 0.001 time: 2020-06-29 15:39:36.074365
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1741] - Mean score over last 1 times:54.54576580689341

epoch 1741 start, epsilon: 0.001 time: 2020-06-29 15:39:39.494377
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1742] - Mean score over last 1 times:54.54576580689341

epoch 1742 start, epsilon: 0.001 time: 2020-06-29 15:39:42.951790
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1743] - Mean score over last 1 times:54.54576580689341

epoch 1743 start, epsilon: 0.001 time: 2020-06-29 15:39:46.387612
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1744] - Mean score over last 1 times:54.54576580689341

epoch 1744 start, epsilon: 0.001 time: 2020-06-29 15:39:49.878374
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1745] - Mean score over last 1 times:54.54576580689341

epoch 1745 start, epsilon: 0.001 time: 2020-06-29 15:39:53.350826
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1746] - Mean score over last 1 times:54.54576580689341

epoch 1746 start, epsilon: 0.001 time: 2020-06-29 15:39:56.793772
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1747] - Mean score over last 1 times:54.54576580689341

epoch 1747 start, epsilon: 0.001 time: 2020-06-29 15:40:00.260304
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1748] - Mean score over last 1 times:54.54576580689341

epoch 1748 start, epsilon: 0.001 time: 2020-06-29 15:40:03.726163
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1749] - Mean score over last 1 times:54.54576580689341

epoch 1749 start, epsilon: 0.001 time: 2020-06-29 15:40:07.223640
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1750] - Mean score over last 1 times:54.54576580689341

epoch 1750 start, epsilon: 0.001 time: 2020-06-29 15:40:10.719571
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1751] - Mean score over last 1 times:54.54576580689341

epoch 1751 start, epsilon: 0.001 time: 2020-06-29 15:40:14.186457
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1752] - Mean score over last 1 times:54.54576580689341

epoch 1752 start, epsilon: 0.001 time: 2020-06-29 15:40:17.655044
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1753] - Mean score over last 1 times:54.54576580689341

epoch 1753 start, epsilon: 0.001 time: 2020-06-29 15:40:21.144085
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1754] - Mean score over last 1 times:54.54576580689341

epoch 1754 start, epsilon: 0.001 time: 2020-06-29 15:40:24.587418
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1755] - Mean score over last 1 times:54.54576580689341

epoch 1755 start, epsilon: 0.001 time: 2020-06-29 15:40:28.028193
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1756] - Mean score over last 1 times:54.54576580689341

epoch 1756 start, epsilon: 0.001 time: 2020-06-29 15:40:31.488478
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1757] - Mean score over last 1 times:54.54576580689341

epoch 1757 start, epsilon: 0.001 time: 2020-06-29 15:40:34.945935
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1758] - Mean score over last 1 times:54.54576580689341

epoch 1758 start, epsilon: 0.001 time: 2020-06-29 15:40:38.414365
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1759] - Mean score over last 1 times:54.54576580689341

epoch 1759 start, epsilon: 0.001 time: 2020-06-29 15:40:41.870973
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1760] - Mean score over last 1 times:54.54576580689341

epoch 1760 start, epsilon: 0.001 time: 2020-06-29 15:40:45.311727
부족분 점수: 36.63948968428762
추가분 점수: 0
기타 점수: 30.0
[Episode 1761] - Mean score over last 1 times:66.63948968428761

epoch 1761 start, epsilon: 0.001 time: 2020-06-29 15:40:48.772563
부족분 점수: 36.63948968428762
추가분 점수: 0
기타 점수: 30.0
[Episode 1762] - Mean score over last 1 times:66.63948968428761

epoch 1762 start, epsilon: 0.001 time: 2020-06-29 15:40:52.274120
부족분 점수: 36.63948968428762
추가분 점수: 0
기타 점수: 30.0
[Episode 1763] - Mean score over last 1 times:66.63948968428761

epoch 1763 start, epsilon: 0.001 time: 2020-06-29 15:40:55.719286
부족분 점수: 36.63948968428762
추가분 점수: 0
기타 점수: 30.0
[Episode 1764] - Mean score over last 1 times:66.63948968428761

epoch 1764 start, epsilon: 0.001 time: 2020-06-29 15:40:59.162859
부족분 점수: 36.63948968428762
추가분 점수: 0
기타 점수: 30.0
[Episode 1765] - Mean score over last 1 times:66.63948968428761

epoch 1765 start, epsilon: 0.001 time: 2020-06-29 15:41:02.633942

부족분 점수: 36.63948968428762

추가분 점수: 0

기타 점수: 30.0

[Episode 1766] - Mean score over last 1 times:66.63948968428761

epoch 1766 start, epsilon: 0.001 time: 2020-06-29 15:41:06.123743

부족분 점수: 36.63948968428762

추가분 점수: 0

기타 점수: 30.0

[Episode 1767] - Mean score over last 1 times:66.63948968428761

epoch 1767 start, epsilon: 0.001 time: 2020-06-29 15:41:09.586728

부족분 점수: 36.641308378311706

추가분 점수: 0

기타 점수: 30.0

[Episode 1768] - Mean score over last 1 times:66.6413083783117

epoch 1768 start, epsilon: 0.001 time: 2020-06-29 15:41:13.049206

부족분 점수: 36.641308378311706

추가분 점수: 0

기타 점수: 30.0

[Episode 1769] - Mean score over last 1 times:66.6413083783117

epoch 1769 start, epsilon: 0.001 time: 2020-06-29 15:41:16.483026

부족분 점수: 36.641308378311706

추가분 점수: 0

기타 점수: 30.0

[Episode 1770] - Mean score over last 1 times:66.6413083783117

epoch 1770 start, epsilon: 0.001 time: 2020-06-29 15:41:19.972836

부족분 점수: 36.641308378311706

추가분 점수: 0

기타 점수: 30.0

[Episode 1771] - Mean score over last 1 times:66.6413083783117

epoch 1771 start, epsilon: 0.001 time: 2020-06-29 15:41:23.445925

부족분 점수: 36.582609414260716

추가분 점수: 0

기타 점수: 30.0

[Episode 1772] - Mean score over last 1 times:66.58260941426072

epoch 1772 start, epsilon: 0.001 time: 2020-06-29 15:41:26.913131

부족분 점수: 36.641308378311706

추가분 점수: 0

기타 점수: 30.0

[Episode 1773] - Mean score over last 1 times:66.6413083783117

epoch 1773 start, epsilon: 0.001 time: 2020-06-29 15:41:30.376304

부족분 점수: 36.641308378311706

추가분 점수: 0

기타 점수: 30.0

[Episode 1774] - Mean score over last 1 times:66.6413083783117

epoch 1774 start, epsilon: 0.001 time: 2020-06-29 15:41:33.843673

부족분 점수: 38.915617512671716

추가분 점수: 0

기타 점수: 30.0

[Episode 1775] - Mean score over last 1 times:68.91561751267172

epoch 1775 start, epsilon: 0.001 time: 2020-06-29 15:41:37.296530

부족분 점수: 36.6390350107816

추가분 점수: 0
기타 점수: 30.0
[Episode 1776] - Mean score over last 1 times:66.6390350107816

epoch 1776 start, epsilon: 0.001 time: 2020-06-29 15:41:40.738826
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1777] - Mean score over last 1 times:66.6413083783117

epoch 1777 start, epsilon: 0.001 time: 2020-06-29 15:41:44.160009
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1778] - Mean score over last 1 times:66.6413083783117

epoch 1778 start, epsilon: 0.001 time: 2020-06-29 15:41:47.597089
부족분 점수: 36.58033604673061
추가분 점수: 0
기타 점수: 30.0
[Episode 1779] - Mean score over last 1 times:66.58033604673061

epoch 1779 start, epsilon: 0.001 time: 2020-06-29 15:41:51.025497
부족분 점수: 39.20571149798638
추가분 점수: 0
기타 점수: 30.0
[Episode 1780] - Mean score over last 1 times:69.20571149798639

epoch 1780 start, epsilon: 0.001 time: 2020-06-29 15:41:54.476090
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1781] - Mean score over last 1 times:66.6413083783117

epoch 1781 start, epsilon: 0.001 time: 2020-06-29 15:41:57.895562
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1782] - Mean score over last 1 times:66.6413083783117

epoch 1782 start, epsilon: 0.001 time: 2020-06-29 15:42:01.335939
부족분 점수: 36.65107464233631
추가분 점수: 0
기타 점수: 30.0
[Episode 1783] - Mean score over last 1 times:66.65107464233631

epoch 1783 start, epsilon: 0.001 time: 2020-06-29 15:42:04.780343
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1784] - Mean score over last 1 times:66.6413083783117

epoch 1784 start, epsilon: 0.001 time: 2020-06-29 15:42:08.340519
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1785] - Mean score over last 1 times:66.6413083783117

epoch 1785 start, epsilon: 0.001 time: 2020-06-29 15:42:11.775203
부족분 점수: 39.056123914505406
추가분 점수: 0

기타 점수: 30.0

[Episode 1786] - Mean score over last 1 times:69.0561239145054

epoch 1786 start, epsilon: 0.001 time: 2020-06-29 15:42:15.217034

부족분 점수: 36.641308378311706

추가분 점수: 0

기타 점수: 30.0

[Episode 1787] - Mean score over last 1 times:66.6413083783117

epoch 1787 start, epsilon: 0.001 time: 2020-06-29 15:42:18.701448

부족분 점수: 36.641308378311706

추가분 점수: 3.078256990681958

기타 점수: 30.0

[Episode 1788] - Mean score over last 1 times:69.71956536899367

epoch 1788 start, epsilon: 0.001 time: 2020-06-29 15:42:22.188002

부족분 점수: 36.641308378311706

추가분 점수: 3.046788668676037

기타 점수: 30.0

[Episode 1789] - Mean score over last 1 times:69.68809704698774

epoch 1789 start, epsilon: 0.001 time: 2020-06-29 15:42:25.588268

부족분 점수: 36.641308378311706

추가분 점수: 3.036887231446941

기타 점수: 30.0

[Episode 1790] - Mean score over last 1 times:69.67819560975865

epoch 1790 start, epsilon: 0.001 time: 2020-06-29 15:42:29.060734

부족분 점수: 36.641308378311706

추가분 점수: 3.0708451981101548

기타 점수: 30.0

[Episode 1791] - Mean score over last 1 times:69.71215357642185

epoch 1791 start, epsilon: 0.001 time: 2020-06-29 15:42:32.539623

부족분 점수: 33.2872909845924

추가분 점수: 5.280893298266127

기타 점수: 30.0

[Episode 1792] - Mean score over last 1 times:68.56818428285854

epoch 1792 start, epsilon: 0.001 time: 2020-06-29 15:42:35.942995

부족분 점수: 33.28858127427166

추가분 점수: 5.298849829635682

기타 점수: 30.0

[Episode 1793] - Mean score over last 1 times:68.58743110390733

epoch 1793 start, epsilon: 0.001 time: 2020-06-29 15:42:39.415428

부족분 점수: 33.2872909845924

추가분 점수: 5.280893298266127

기타 점수: 30.0

[Episode 1794] - Mean score over last 1 times:68.56818428285854

epoch 1794 start, epsilon: 0.001 time: 2020-06-29 15:42:42.858742

부족분 점수: 33.2872909845924

추가분 점수: 6.032377669017963

기타 점수: 30.0

[Episode 1795] - Mean score over last 1 times:69.31966865361036

epoch 1795 start, epsilon: 0.001 time: 2020-06-29 15:42:46.305511

부족분 점수: 33.19667885580798

추가분 점수: 8.845157558194368

기타 점수: 30.0

[Episode 1796] - Mean score over last 1 times:72.04183641400235

epoch 1796 start, epsilon: 0.001 time: 2020-06-29 15:42:49.756021

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1797] - Mean score over last 1 times:54.54576580689341

epoch 1797 start, epsilon: 0.001 time: 2020-06-29 15:42:53.192171

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1798] - Mean score over last 1 times:54.54576580689341

epoch 1798 start, epsilon: 0.001 time: 2020-06-29 15:42:56.628666

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1799] - Mean score over last 1 times:54.54576580689341

epoch 1799 start, epsilon: 0.001 time: 2020-06-29 15:43:00.094587

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1800] - Mean score over last 1 times:54.54576580689341

epoch 1800 start, epsilon: 0.001 time: 2020-06-29 15:43:03.540590

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1801] - Mean score over last 1 times:54.54576580689341

epoch 1801 start, epsilon: 0.001 time: 2020-06-29 15:43:07.020649

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1802] - Mean score over last 1 times:54.54576580689341

epoch 1802 start, epsilon: 0.001 time: 2020-06-29 15:43:10.500558

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1803] - Mean score over last 1 times:54.54576580689341

epoch 1803 start, epsilon: 0.001 time: 2020-06-29 15:43:13.989381

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1804] - Mean score over last 1 times:54.54576580689341

epoch 1804 start, epsilon: 0.001 time: 2020-06-29 15:43:17.587457

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1805] - Mean score over last 1 times:54.54576580689341

epoch 1805 start, epsilon: 0.001 time: 2020-06-29 15:43:21.092384

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1806] - Mean score over last 1 times:54.54576580689341

epoch 1806 start, epsilon: 0.001 time: 2020-06-29 15:43:24.520887

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1807] - Mean score over last 1 times:54.54576580689341

epoch 1807 start, epsilon: 0.001 time: 2020-06-29 15:43:28.042926

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1808] - Mean score over last 1 times:54.54576580689341

epoch 1808 start, epsilon: 0.001 time: 2020-06-29 15:43:31.594245

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1809] - Mean score over last 1 times:54.54576580689341

epoch 1809 start, epsilon: 0.001 time: 2020-06-29 15:43:35.131118

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1810] - Mean score over last 1 times:54.54576580689341

epoch 1810 start, epsilon: 0.001 time: 2020-06-29 15:43:38.565498

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1811] - Mean score over last 1 times:54.54576580689341

epoch 1811 start, epsilon: 0.001 time: 2020-06-29 15:43:42.042829

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1812] - Mean score over last 1 times:54.54576580689341

epoch 1812 start, epsilon: 0.001 time: 2020-06-29 15:43:45.538656

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1813] - Mean score over last 1 times:54.54576580689341

epoch 1813 start, epsilon: 0.001 time: 2020-06-29 15:43:48.998514

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1814] - Mean score over last 1 times:54.54576580689341

epoch 1814 start, epsilon: 0.001 time: 2020-06-29 15:43:52.443145

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1815] - Mean score over last 1 times:54.54576580689341

epoch 1815 start, epsilon: 0.001 time: 2020-06-29 15:43:55.880416

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1816] - Mean score over last 1 times:54.54576580689341

epoch 1816 start, epsilon: 0.001 time: 2020-06-29 15:43:59.421672
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1817] - Mean score over last 1 times:54.54576580689341

epoch 1817 start, epsilon: 0.001 time: 2020-06-29 15:44:02.877071
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1818] - Mean score over last 1 times:54.54576580689341

epoch 1818 start, epsilon: 0.001 time: 2020-06-29 15:44:06.362901
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1819] - Mean score over last 1 times:54.54576580689341

epoch 1819 start, epsilon: 0.001 time: 2020-06-29 15:44:09.867464
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1820] - Mean score over last 1 times:54.54576580689341

epoch 1820 start, epsilon: 0.001 time: 2020-06-29 15:44:13.292703
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1821] - Mean score over last 1 times:54.54576580689341

epoch 1821 start, epsilon: 0.001 time: 2020-06-29 15:44:16.737244
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1822] - Mean score over last 1 times:54.54576580689341

epoch 1822 start, epsilon: 0.001 time: 2020-06-29 15:44:20.182231
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1823] - Mean score over last 1 times:54.54576580689341

epoch 1823 start, epsilon: 0.001 time: 2020-06-29 15:44:23.691603
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1824] - Mean score over last 1 times:54.54576580689341

epoch 1824 start, epsilon: 0.001 time: 2020-06-29 15:44:27.145453
부족분 점수: 32.987636567178164
추가분 점수: 5.547826583838262
기타 점수: 30.0
[Episode 1825] - Mean score over last 1 times:68.53546315101643

epoch 1825 start, epsilon: 0.001 time: 2020-06-29 15:44:30.594037
부족분 점수: 32.96807024582783
추가분 점수: 5.540786517578815
기타 점수: 30.0
[Episode 1826] - Mean score over last 1 times:68.50885676340664

epoch 1826 start, epsilon: 0.001 time: 2020-06-29 15:44:34.114344
부족분 점수: 32.96807024582783
추가분 점수: 5.539351223916564
기타 점수: 30.0
[Episode 1827] - Mean score over last 1 times:68.5074214697444

epoch 1827 start, epsilon: 0.001 time: 2020-06-29 15:44:37.539759
부족분 점수: 32.96807024582783
추가분 점수: 5.5350305967620494
기타 점수: 30.0
[Episode 1828] - Mean score over last 1 times:68.50310084258987

epoch 1828 start, epsilon: 0.001 time: 2020-06-29 15:44:40.998769
부족분 점수: 32.96807024582783
추가분 점수: 5.539351223916564
기타 점수: 30.0
[Episode 1829] - Mean score over last 1 times:68.5074214697444

epoch 1829 start, epsilon: 0.001 time: 2020-06-29 15:44:44.467254
부족분 점수: 32.769439366062244
추가분 점수: 6.293156887243736
기타 점수: 30.0
[Episode 1830] - Mean score over last 1 times:69.06259625330598

epoch 1830 start, epsilon: 0.001 time: 2020-06-29 15:44:47.906166
부족분 점수: 41.85414319696303
추가분 점수: 5.502954609759567
기타 점수: 30.0
[Episode 1831] - Mean score over last 1 times:77.3570978067226

epoch 1831 start, epsilon: 0.001 time: 2020-06-29 15:44:51.355421
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1832] - Mean score over last 1 times:66.6413083783117

epoch 1832 start, epsilon: 0.001 time: 2020-06-29 15:44:54.828640
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1833] - Mean score over last 1 times:66.6413083783117

epoch 1833 start, epsilon: 0.001 time: 2020-06-29 15:44:58.245906
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1834] - Mean score over last 1 times:66.64267239882977

epoch 1834 start, epsilon: 0.001 time: 2020-06-29 15:45:01.735991
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1835] - Mean score over last 1 times:66.64267239882977

epoch 1835 start, epsilon: 0.001 time: 2020-06-29 15:45:05.217376

부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1836] - Mean score over last 1 times:66.64267239882977

epoch 1836 start, epsilon: 0.001 time: 2020-06-29 15:45:08.655067
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1837] - Mean score over last 1 times:66.64267239882977

epoch 1837 start, epsilon: 0.001 time: 2020-06-29 15:45:12.094663
부족분 점수: 36.63287234150404
추가분 점수: 0
기타 점수: 30.0
[Episode 1838] - Mean score over last 1 times:66.63287234150404

epoch 1838 start, epsilon: 0.001 time: 2020-06-29 15:45:15.540215
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1839] - Mean score over last 1 times:66.64267239882977

epoch 1839 start, epsilon: 0.001 time: 2020-06-29 15:45:18.983862
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1840] - Mean score over last 1 times:66.64267239882977

epoch 1840 start, epsilon: 0.001 time: 2020-06-29 15:45:22.456690
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1841] - Mean score over last 1 times:66.64267239882977

epoch 1841 start, epsilon: 0.001 time: 2020-06-29 15:45:25.869597
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1842] - Mean score over last 1 times:66.64267239882977

epoch 1842 start, epsilon: 0.001 time: 2020-06-29 15:45:29.344099
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1843] - Mean score over last 1 times:66.64267239882977

epoch 1843 start, epsilon: 0.001 time: 2020-06-29 15:45:32.831871
부족분 점수: 36.65243866285437
추가분 점수: 0
기타 점수: 30.0
[Episode 1844] - Mean score over last 1 times:66.65243866285437

epoch 1844 start, epsilon: 0.001 time: 2020-06-29 15:45:36.319166
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1845] - Mean score over last 1 times:66.64267239882977

epoch 1845 start, epsilon: 0.001 time: 2020-06-29 15:45:39.746391
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1846] - Mean score over last 1 times:66.64267239882977

epoch 1846 start, epsilon: 0.001 time: 2020-06-29 15:45:43.276273

부족분 점수: 36.64267239882977

추가분 점수: 0

기타 점수: 30.0

[Episode 1847] - Mean score over last 1 times:66.64267239882977

epoch 1847 start, epsilon: 0.001 time: 2020-06-29 15:45:46.732929

부족분 점수: 36.64267239882977

추가분 점수: 0

기타 점수: 30.0

[Episode 1848] - Mean score over last 1 times:66.64267239882977

epoch 1848 start, epsilon: 0.001 time: 2020-06-29 15:45:50.143142

부족분 점수: 36.64267239882977

추가분 점수: 0

기타 점수: 30.0

[Episode 1849] - Mean score over last 1 times:66.64267239882977

epoch 1849 start, epsilon: 0.001 time: 2020-06-29 15:45:53.601674

부족분 점수: 36.64267239882977

추가분 점수: 0

기타 점수: 30.0

[Episode 1850] - Mean score over last 1 times:66.64267239882977

epoch 1850 start, epsilon: 0.001 time: 2020-06-29 15:45:57.033735

부족분 점수: 36.64267239882977

추가분 점수: 0

기타 점수: 30.0

[Episode 1851] - Mean score over last 1 times:66.64267239882977

epoch 1851 start, epsilon: 0.001 time: 2020-06-29 15:46:00.534436

부족분 점수: 36.64267239882977

추가분 점수: 0

기타 점수: 30.0

[Episode 1852] - Mean score over last 1 times:66.64267239882977

epoch 1852 start, epsilon: 0.001 time: 2020-06-29 15:46:03.972310

부족분 점수: 36.64267239882977

추가분 점수: 0

기타 점수: 30.0

[Episode 1853] - Mean score over last 1 times:66.64267239882977

epoch 1853 start, epsilon: 0.001 time: 2020-06-29 15:46:07.525215

부족분 점수: 36.64267239882977

추가분 점수: 0

기타 점수: 30.0

[Episode 1854] - Mean score over last 1 times:66.64267239882977

epoch 1854 start, epsilon: 0.001 time: 2020-06-29 15:46:11.024972

부족분 점수: 36.64267239882977

추가분 점수: 0

기타 점수: 30.0

[Episode 1855] - Mean score over last 1 times:66.64267239882977

epoch 1855 start, epsilon: 0.001 time: 2020-06-29 15:46:14.473761

부족분 점수: 36.64267239882977

추가분 점수: 0

기타 점수: 30.0

[Episode 1856] - Mean score over last 1 times:66.64267239882977

epoch 1856 start, epsilon: 0.001 time: 2020-06-29 15:46:17.916138

부족분 점수: 36.64267239882977

추가분 점수: 0
기타 점수: 30.0
[Episode 1857] - Mean score over last 1 times:66.64267239882977

epoch 1857 start, epsilon: 0.001 time: 2020-06-29 15:46:21.398708
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1858] - Mean score over last 1 times:66.64267239882977

epoch 1858 start, epsilon: 0.001 time: 2020-06-29 15:46:24.879803
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1859] - Mean score over last 1 times:66.64267239882977

epoch 1859 start, epsilon: 0.001 time: 2020-06-29 15:46:28.305243
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1860] - Mean score over last 1 times:66.64267239882977

epoch 1860 start, epsilon: 0.001 time: 2020-06-29 15:46:31.807639
부족분 점수: 36.64267239882977
추가분 점수: 0
기타 점수: 30.0
[Episode 1861] - Mean score over last 1 times:66.64267239882977

epoch 1861 start, epsilon: 0.001 time: 2020-06-29 15:46:35.294425
부족분 점수: 36.86546241678016
추가분 점수: 0
기타 점수: 30.0
[Episode 1862] - Mean score over last 1 times:66.86546241678016

epoch 1862 start, epsilon: 0.001 time: 2020-06-29 15:46:38.678761
부족분 점수: 39.529442106391755
추가분 점수: 0.21404431161970328
기타 점수: 30.0
[Episode 1863] - Mean score over last 1 times:69.74348641801146

epoch 1863 start, epsilon: 0.001 time: 2020-06-29 15:46:42.121816
부족분 점수: 36.86546241678016
추가분 점수: 0
기타 점수: 30.0
[Episode 1864] - Mean score over last 1 times:66.86546241678016

epoch 1864 start, epsilon: 0.001 time: 2020-06-29 15:46:45.626036
부족분 점수: 36.86909980482832
추가분 점수: 0
기타 점수: 30.0
[Episode 1865] - Mean score over last 1 times:66.86909980482832

epoch 1865 start, epsilon: 0.001 time: 2020-06-29 15:46:49.082238
부족분 점수: 36.86546241678016
추가분 점수: 0
기타 점수: 30.0
[Episode 1866] - Mean score over last 1 times:66.86546241678016

epoch 1866 start, epsilon: 0.001 time: 2020-06-29 15:46:52.555641
부족분 점수: 36.78723092467995
추가분 점수: 0

기타 점수: 30.0

[Episode 1867] - Mean score over last 1 times:66.78723092467996

epoch 1867 start, epsilon: 0.001 time: 2020-06-29 15:46:55.997087

부족분 점수: 36.86546241678016

추가분 점수: 0

기타 점수: 30.0

[Episode 1868] - Mean score over last 1 times:66.86546241678016

epoch 1868 start, epsilon: 0.001 time: 2020-06-29 15:46:59.430511

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1869] - Mean score over last 1 times:54.54576580689341

epoch 1869 start, epsilon: 0.001 time: 2020-06-29 15:47:02.871624

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1870] - Mean score over last 1 times:54.54576580689341

epoch 1870 start, epsilon: 0.001 time: 2020-06-29 15:47:06.352519

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1871] - Mean score over last 1 times:54.54576580689341

epoch 1871 start, epsilon: 0.001 time: 2020-06-29 15:47:09.925340

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1872] - Mean score over last 1 times:54.54576580689341

epoch 1872 start, epsilon: 0.001 time: 2020-06-29 15:47:13.360864

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1873] - Mean score over last 1 times:54.54576580689341

epoch 1873 start, epsilon: 0.001 time: 2020-06-29 15:47:16.809769

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1874] - Mean score over last 1 times:54.54576580689341

epoch 1874 start, epsilon: 0.001 time: 2020-06-29 15:47:20.252169

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1875] - Mean score over last 1 times:54.54576580689341

epoch 1875 start, epsilon: 0.001 time: 2020-06-29 15:47:23.693239

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1876] - Mean score over last 1 times:54.54576580689341

epoch 1876 start, epsilon: 0.001 time: 2020-06-29 15:47:27.190801

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1877] - Mean score over last 1 times:54.54576580689341

epoch 1877 start, epsilon: 0.001 time: 2020-06-29 15:47:30.671189

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1878] - Mean score over last 1 times:54.54576580689341

epoch 1878 start, epsilon: 0.001 time: 2020-06-29 15:47:34.123682

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1879] - Mean score over last 1 times:54.54576580689341

epoch 1879 start, epsilon: 0.001 time: 2020-06-29 15:47:37.541119

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1880] - Mean score over last 1 times:54.54576580689341

epoch 1880 start, epsilon: 0.001 time: 2020-06-29 15:47:40.998245

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1881] - Mean score over last 1 times:54.54576580689341

epoch 1881 start, epsilon: 0.001 time: 2020-06-29 15:47:44.471304

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1882] - Mean score over last 1 times:54.54576580689341

epoch 1882 start, epsilon: 0.001 time: 2020-06-29 15:47:47.922550

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1883] - Mean score over last 1 times:54.54576580689341

epoch 1883 start, epsilon: 0.001 time: 2020-06-29 15:47:51.374351

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1884] - Mean score over last 1 times:54.54576580689341

epoch 1884 start, epsilon: 0.001 time: 2020-06-29 15:47:54.823930

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1885] - Mean score over last 1 times:54.54576580689341

epoch 1885 start, epsilon: 0.001 time: 2020-06-29 15:47:58.596600

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1886] - Mean score over last 1 times:54.54576580689341

epoch 1886 start, epsilon: 0.001 time: 2020-06-29 15:48:02.314081

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1887] - Mean score over last 1 times:54.54576580689341

epoch 1887 start, epsilon: 0.001 time: 2020-06-29 15:48:06.154668

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1888] - Mean score over last 1 times:54.54576580689341

epoch 1888 start, epsilon: 0.001 time: 2020-06-29 15:48:09.883900

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1889] - Mean score over last 1 times:54.54576580689341

epoch 1889 start, epsilon: 0.001 time: 2020-06-29 15:48:13.398785

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1890] - Mean score over last 1 times:54.54576580689341

epoch 1890 start, epsilon: 0.001 time: 2020-06-29 15:48:16.870949

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1891] - Mean score over last 1 times:54.54576580689341

epoch 1891 start, epsilon: 0.001 time: 2020-06-29 15:48:20.334886

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1892] - Mean score over last 1 times:54.54576580689341

epoch 1892 start, epsilon: 0.001 time: 2020-06-29 15:48:23.819107

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1893] - Mean score over last 1 times:54.54576580689341

epoch 1893 start, epsilon: 0.001 time: 2020-06-29 15:48:27.269971

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1894] - Mean score over last 1 times:54.54576580689341

epoch 1894 start, epsilon: 0.001 time: 2020-06-29 15:48:30.742133

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1895] - Mean score over last 1 times:54.54576580689341

epoch 1895 start, epsilon: 0.001 time: 2020-06-29 15:48:34.188827

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1896] - Mean score over last 1 times:54.54576580689341

epoch 1896 start, epsilon: 0.001 time: 2020-06-29 15:48:37.695406

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1897] - Mean score over last 1 times:54.54576580689341

epoch 1897 start, epsilon: 0.001 time: 2020-06-29 15:48:41.088241
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1898] - Mean score over last 1 times:54.54576580689341

epoch 1898 start, epsilon: 0.001 time: 2020-06-29 15:48:44.556663
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1899] - Mean score over last 1 times:54.54576580689341

epoch 1899 start, epsilon: 0.001 time: 2020-06-29 15:48:48.007405
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1900] - Mean score over last 1 times:54.54576580689341

epoch 1900 start, epsilon: 0.001 time: 2020-06-29 15:48:51.529755
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1901] - Mean score over last 1 times:54.54576580689341

epoch 1901 start, epsilon: 0.001 time: 2020-06-29 15:48:54.947819
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1902] - Mean score over last 1 times:54.54576580689341

epoch 1902 start, epsilon: 0.001 time: 2020-06-29 15:48:58.396035
부족분 점수: 41.50449773477358
추가분 점수: 8.216172675166808
기타 점수: 30.0
[Episode 1903] - Mean score over last 1 times:79.7206704099404

epoch 1903 start, epsilon: 0.001 time: 2020-06-29 15:49:01.883874
부족분 점수: 41.47040029394028
추가분 점수: 8.230936661215704
기타 점수: 30.0
[Episode 1904] - Mean score over last 1 times:79.70133695515598

epoch 1904 start, epsilon: 0.001 time: 2020-06-29 15:49:05.315565
부족분 점수: 41.80770812910147
추가분 점수: 5.9206324385584015
기타 점수: 30.0
[Episode 1905] - Mean score over last 1 times:77.72834056765987

epoch 1905 start, epsilon: 0.001 time: 2020-06-29 15:49:08.782718
부족분 점수: 41.80770812910147
추가분 점수: 5.382197627525933
기타 점수: 30.0
[Episode 1906] - Mean score over last 1 times:77.18990575662741

epoch 1906 start, epsilon: 0.001 time: 2020-06-29 15:49:12.242702
부족분 점수: 41.80770812910147
추가분 점수: 5.391168212915001
기타 점수: 30.0
[Episode 1907] - Mean score over last 1 times:77.19887634201646

epoch 1907 start, epsilon: 0.001 time: 2020-06-29 15:49:15.803265
부족분 점수: 41.88291665681029
추가분 점수: 5.178671020063083
기타 점수: 30.0
[Episode 1908] - Mean score over last 1 times:77.06158767687337

epoch 1908 start, epsilon: 0.001 time: 2020-06-29 15:49:19.267947
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1909] - Mean score over last 1 times:66.6413083783117

epoch 1909 start, epsilon: 0.001 time: 2020-06-29 15:49:22.833975
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1910] - Mean score over last 1 times:66.6413083783117

epoch 1910 start, epsilon: 0.001 time: 2020-06-29 15:49:26.211942
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1911] - Mean score over last 1 times:66.6413083783117

epoch 1911 start, epsilon: 0.001 time: 2020-06-29 15:49:29.687132
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1912] - Mean score over last 1 times:66.6413083783117

epoch 1912 start, epsilon: 0.001 time: 2020-06-29 15:49:33.150914
부족분 점수: 35.994715034916155
추가분 점수: 0.24102549766012116
기타 점수: 30.0
[Episode 1913] - Mean score over last 1 times:66.23574053257627

epoch 1913 start, epsilon: 0.001 time: 2020-06-29 15:49:36.780028
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1914] - Mean score over last 1 times:66.6413083783117

epoch 1914 start, epsilon: 0.001 time: 2020-06-29 15:49:40.240728
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1915] - Mean score over last 1 times:66.6413083783117

epoch 1915 start, epsilon: 0.001 time: 2020-06-29 15:49:43.682854
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1916] - Mean score over last 1 times:66.6413083783117

epoch 1916 start, epsilon: 0.001 time: 2020-06-29 15:49:47.165842
부족분 점수: 36.641308378311706
추가분 점수: 0
기타 점수: 30.0
[Episode 1917] - Mean score over last 1 times:66.6413083783117

epoch 1917 start, epsilon: 0.001 time: 2020-06-29 15:49:50.571677

부족분 점수: 36.641308378311706

추가분 점수: 0

기타 점수: 30.0

[Episode 1918] - Mean score over last 1 times:66.6413083783117

epoch 1918 start, epsilon: 0.001 time: 2020-06-29 15:49:54.019292

부족분 점수: 36.563076886211505

추가분 점수: 0

기타 점수: 30.0

[Episode 1919] - Mean score over last 1 times:66.5630768862115

epoch 1919 start, epsilon: 0.001 time: 2020-06-29 15:49:57.492568

부족분 점수: 35.900953984890705

추가분 점수: 0

기타 점수: 30.0

[Episode 1920] - Mean score over last 1 times:65.9009539848907

epoch 1920 start, epsilon: 0.001 time: 2020-06-29 15:50:00.993420

부족분 점수: 35.900953984890705

추가분 점수: 0

기타 점수: 30.0

[Episode 1921] - Mean score over last 1 times:65.9009539848907

epoch 1921 start, epsilon: 0.001 time: 2020-06-29 15:50:04.442628

부족분 점수: 35.900953984890705

추가분 점수: 0

기타 점수: 30.0

[Episode 1922] - Mean score over last 1 times:65.9009539848907

epoch 1922 start, epsilon: 0.001 time: 2020-06-29 15:50:08.026716

부족분 점수: 35.900953984890705

추가분 점수: 0

기타 점수: 30.0

[Episode 1923] - Mean score over last 1 times:65.9009539848907

epoch 1923 start, epsilon: 0.001 time: 2020-06-29 15:50:11.530119

부족분 점수: 35.900953984890705

추가분 점수: 0

기타 점수: 30.0

[Episode 1924] - Mean score over last 1 times:65.9009539848907

epoch 1924 start, epsilon: 0.001 time: 2020-06-29 15:50:15.007687

부족분 점수: 35.900953984890705

추가분 점수: 0

기타 점수: 30.0

[Episode 1925] - Mean score over last 1 times:65.9009539848907

epoch 1925 start, epsilon: 0.001 time: 2020-06-29 15:50:18.525529

부족분 점수: 35.900953984890705

추가분 점수: 0

기타 점수: 30.0

[Episode 1926] - Mean score over last 1 times:65.9009539848907

epoch 1926 start, epsilon: 0.001 time: 2020-06-29 15:50:22.022152

부족분 점수: 41.228060851290124

추가분 점수: 5.447921297244955

기타 점수: 30.0

[Episode 1927] - Mean score over last 1 times:76.67598214853507

epoch 1927 start, epsilon: 0.001 time: 2020-06-29 15:50:25.482069

부족분 점수: 41.228060851290124

추가분 점수: 5.447921297244955

기타 점수: 30.0

[Episode 1928] - Mean score over last 1 times:76.67598214853507

epoch 1928 start, epsilon: 0.001 time: 2020-06-29 15:50:28.946091

부족분 점수: 41.231285039429096

추가분 점수: 5.447921297244955

기타 점수: 30.0

[Episode 1929] - Mean score over last 1 times:76.67920633667404

epoch 1929 start, epsilon: 0.001 time: 2020-06-29 15:50:32.443539

부족분 점수: 41.19568226063667

추가분 점수: 5.4447889654426636

기타 점수: 30.0

[Episode 1930] - Mean score over last 1 times:76.64047122607934

epoch 1930 start, epsilon: 0.001 time: 2020-06-29 15:50:35.845058

부족분 점수: 41.17504991424182

추가분 점수: 5.480438440433009

기타 점수: 30.0

[Episode 1931] - Mean score over last 1 times:76.65548835467483

epoch 1931 start, epsilon: 0.001 time: 2020-06-29 15:50:39.268830

부족분 점수: 41.17504991424182

추가분 점수: 5.489409025822076

기타 점수: 30.0

[Episode 1932] - Mean score over last 1 times:76.6644589400639

epoch 1932 start, epsilon: 0.001 time: 2020-06-29 15:50:42.743598

부족분 점수: 41.17504991424182

추가분 점수: 5.489409025822076

기타 점수: 30.0

[Episode 1933] - Mean score over last 1 times:76.6644589400639

epoch 1933 start, epsilon: 0.001 time: 2020-06-29 15:50:46.138094

부족분 점수: 41.17595926125386

추가분 점수: 5.475937787147056

기타 점수: 30.0

[Episode 1934] - Mean score over last 1 times:76.65189704840091

epoch 1934 start, epsilon: 0.001 time: 2020-06-29 15:50:49.587020

부족분 점수: 41.17504991424182

추가분 점수: 5.489409025822076

기타 점수: 30.0

[Episode 1935] - Mean score over last 1 times:76.6644589400639

epoch 1935 start, epsilon: 0.001 time: 2020-06-29 15:50:53.060300

부족분 점수: 41.517592638958824

추가분 점수: 5.09098231903764

기타 점수: 30.0

[Episode 1936] - Mean score over last 1 times:76.60857495799647

epoch 1936 start, epsilon: 0.001 time: 2020-06-29 15:50:56.410015

부족분 점수: 35.82365027251225

추가분 점수: 3.9613908462549197

기타 점수: 30.0

[Episode 1937] - Mean score over last 1 times:69.78504111876717

epoch 1937 start, epsilon: 0.001 time: 2020-06-29 15:50:59.878292

부족분 점수: 35.82365027251225

추가분 점수: 4.040362718861548

기타 점수: 30.0

[Episode 1938] - Mean score over last 1 times:69.8640129913738

epoch 1938 start, epsilon: 0.001 time: 2020-06-29 15:51:03.338300

부족분 점수: 35.82365027251225

추가분 점수: 4.590100467484239

기타 점수: 30.0

[Episode 1939] - Mean score over last 1 times:70.41375073999649

epoch 1939 start, epsilon: 0.001 time: 2020-06-29 15:51:06.840054

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1940] - Mean score over last 1 times:54.54576580689341

epoch 1940 start, epsilon: 0.001 time: 2020-06-29 15:51:10.279022

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1941] - Mean score over last 1 times:54.54576580689341

epoch 1941 start, epsilon: 0.001 time: 2020-06-29 15:51:13.752986

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1942] - Mean score over last 1 times:54.54576580689341

epoch 1942 start, epsilon: 0.001 time: 2020-06-29 15:51:17.243651

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1943] - Mean score over last 1 times:54.54576580689341

epoch 1943 start, epsilon: 0.001 time: 2020-06-29 15:51:20.722769

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1944] - Mean score over last 1 times:54.54576580689341

epoch 1944 start, epsilon: 0.001 time: 2020-06-29 15:51:24.179784

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1945] - Mean score over last 1 times:54.54576580689341

epoch 1945 start, epsilon: 0.001 time: 2020-06-29 15:51:27.617762

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1946] - Mean score over last 1 times:54.54576580689341

epoch 1946 start, epsilon: 0.001 time: 2020-06-29 15:51:31.062194

부족분 점수: 24.545765806893407

추가분 점수: 0.24644225661834218

기타 점수: 30.0

[Episode 1947] - Mean score over last 1 times:54.79220806351175

epoch 1947 start, epsilon: 0.001 time: 2020-06-29 15:51:34.520077

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1948] - Mean score over last 1 times:54.54576580689341

epoch 1948 start, epsilon: 0.001 time: 2020-06-29 15:51:37.882153

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1949] - Mean score over last 1 times:54.54576580689341

epoch 1949 start, epsilon: 0.001 time: 2020-06-29 15:51:41.321382

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1950] - Mean score over last 1 times:54.54576580689341

epoch 1950 start, epsilon: 0.001 time: 2020-06-29 15:51:44.795852

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1951] - Mean score over last 1 times:54.54576580689341

epoch 1951 start, epsilon: 0.001 time: 2020-06-29 15:51:48.243597

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1952] - Mean score over last 1 times:54.54576580689341

epoch 1952 start, epsilon: 0.001 time: 2020-06-29 15:51:51.680664

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1953] - Mean score over last 1 times:54.54576580689341

epoch 1953 start, epsilon: 0.001 time: 2020-06-29 15:51:55.122806

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1954] - Mean score over last 1 times:54.54576580689341

epoch 1954 start, epsilon: 0.001 time: 2020-06-29 15:51:58.555160

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1955] - Mean score over last 1 times:54.54576580689341

epoch 1955 start, epsilon: 0.001 time: 2020-06-29 15:52:02.037634

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1956] - Mean score over last 1 times:54.54576580689341

epoch 1956 start, epsilon: 0.001 time: 2020-06-29 15:52:05.490685

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1957] - Mean score over last 1 times:54.54576580689341

epoch 1957 start, epsilon: 0.001 time: 2020-06-29 15:52:09.053912

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1958] - Mean score over last 1 times:54.54576580689341

epoch 1958 start, epsilon: 0.001 time: 2020-06-29 15:52:12.587030

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1959] - Mean score over last 1 times:54.54576580689341

epoch 1959 start, epsilon: 0.001 time: 2020-06-29 15:52:16.025352

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1960] - Mean score over last 1 times:54.54576580689341

epoch 1960 start, epsilon: 0.001 time: 2020-06-29 15:52:19.528714

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1961] - Mean score over last 1 times:54.54576580689341

epoch 1961 start, epsilon: 0.001 time: 2020-06-29 15:52:22.943858

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1962] - Mean score over last 1 times:54.54576580689341

epoch 1962 start, epsilon: 0.001 time: 2020-06-29 15:52:26.430769

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1963] - Mean score over last 1 times:54.54576580689341

epoch 1963 start, epsilon: 0.001 time: 2020-06-29 15:52:29.834080

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1964] - Mean score over last 1 times:54.54576580689341

epoch 1964 start, epsilon: 0.001 time: 2020-06-29 15:52:33.248681

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1965] - Mean score over last 1 times:54.54576580689341

epoch 1965 start, epsilon: 0.001 time: 2020-06-29 15:52:36.687212

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1966] - Mean score over last 1 times:54.54576580689341

epoch 1966 start, epsilon: 0.001 time: 2020-06-29 15:52:40.160964

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1967] - Mean score over last 1 times:54.54576580689341

epoch 1967 start, epsilon: 0.001 time: 2020-06-29 15:52:43.603362

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1968] - Mean score over last 1 times:54.54576580689341

epoch 1968 start, epsilon: 0.001 time: 2020-06-29 15:52:47.035940

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1969] - Mean score over last 1 times:54.54576580689341

epoch 1969 start, epsilon: 0.001 time: 2020-06-29 15:52:50.485000

부족분 점수: 25.307807819339782

추가분 점수: 0

기타 점수: 30.0

[Episode 1970] - Mean score over last 1 times:55.307807819339786

epoch 1970 start, epsilon: 0.001 time: 2020-06-29 15:52:53.936692

부족분 점수: 25.307807819339782

추가분 점수: 0

기타 점수: 30.0

[Episode 1971] - Mean score over last 1 times:55.307807819339786

epoch 1971 start, epsilon: 0.001 time: 2020-06-29 15:52:57.408504

부족분 점수: 41.50963431654431

추가분 점수: 6.10145486305572

기타 점수: 30.0

[Episode 1972] - Mean score over last 1 times:77.61108917960003

epoch 1972 start, epsilon: 0.001 time: 2020-06-29 15:53:00.917992

부족분 점수: 41.482985226490385

추가분 점수: 6.1289079264645485

기타 점수: 30.0

[Episode 1973] - Mean score over last 1 times:77.61189315295493

epoch 1973 start, epsilon: 0.001 time: 2020-06-29 15:53:04.353317

부족분 점수: 41.482985226490385

추가분 점수: 6.014935410249141

기타 점수: 30.0

[Episode 1974] - Mean score over last 1 times:77.49792063673952

epoch 1974 start, epsilon: 0.001 time: 2020-06-29 15:53:07.806577

부족분 점수: 41.482985226490385

추가분 점수: 6.014935410249141

기타 점수: 30.0

[Episode 1975] - Mean score over last 1 times:77.49792063673952

epoch 1975 start, epsilon: 0.001 time: 2020-06-29 15:53:11.269113

부족분 점수: 41.48071185896028

추가분 점수: 6.786697604945864

기타 점수: 30.0

[Episode 1976] - Mean score over last 1 times:78.26740946390615

epoch 1976 start, epsilon: 0.001 time: 2020-06-29 15:53:14.695503

부족분 점수: 41.482985226490385

추가분 점수: 6.7777270195567985

기타 점수: 30.0

[Episode 1977] - Mean score over last 1 times:78.26071224604718

epoch 1977 start, epsilon: 0.001 time: 2020-06-29 15:53:18.174829

부족분 점수: 41.63489225927572

추가분 점수: 6.689376584252997

기타 점수: 30.0

[Episode 1978] - Mean score over last 1 times:78.32426884352873

epoch 1978 start, epsilon: 0.001 time: 2020-06-29 15:53:21.637577
부족분 점수: 41.773655233983284
추가분 점수: 6.4795515198844384
기타 점수: 30.0
[Episode 1979] - Mean score over last 1 times:78.25320675386772

epoch 1979 start, epsilon: 0.001 time: 2020-06-29 15:53:25.089054
부족분 점수: 41.78638609215187
추가분 점수: 6.4795515198844384
기타 점수: 30.0
[Episode 1980] - Mean score over last 1 times:78.26593761203631

epoch 1980 start, epsilon: 0.001 time: 2020-06-29 15:53:28.645403
부족분 점수: 41.766835131392966
추가분 점수: 6.481552083310933
기타 점수: 30.0
[Episode 1981] - Mean score over last 1 times:78.2483872147039

epoch 1981 start, epsilon: 0.001 time: 2020-06-29 15:53:32.132180
부족분 점수: 41.780475336573595
추가분 점수: 6.478096564665172
기타 점수: 30.0
[Episode 1982] - Mean score over last 1 times:78.25857190123877

epoch 1982 start, epsilon: 0.001 time: 2020-06-29 15:53:35.585370
부족분 점수: 41.773655233983284
추가분 점수: 6.4795515198844384
기타 점수: 30.0
[Episode 1983] - Mean score over last 1 times:78.25320675386772

epoch 1983 start, epsilon: 0.001 time: 2020-06-29 15:53:38.966121
부족분 점수: 42.19424358764431
추가분 점수: 6.4795515198844384
기타 점수: 30.0
[Episode 1984] - Mean score over last 1 times:78.67379510752875

epoch 1984 start, epsilon: 0.001 time: 2020-06-29 15:53:42.442228
부족분 점수: 41.88913308815781
추가분 점수: 6.225728191877136
기타 점수: 30.0
[Episode 1985] - Mean score over last 1 times:78.11486128003494

epoch 1985 start, epsilon: 0.001 time: 2020-06-29 15:53:45.897191
부족분 점수: 45.938840883627236
추가분 점수: 5.170665694238825
기타 점수: 30.0
[Episode 1986] - Mean score over last 1 times:81.10950657786606

epoch 1986 start, epsilon: 0.001 time: 2020-06-29 15:53:49.344387
부족분 점수: 41.87926237211156
추가분 점수: 6.320487065921208
기타 점수: 30.0
[Episode 1987] - Mean score over last 1 times:78.19974943803277

epoch 1987 start, epsilon: 0.001 time: 2020-06-29 15:53:52.853667
부족분 점수: 41.4009765649601
추가분 점수: 6.592561234229666
기타 점수: 30.0
[Episode 1988] - Mean score over last 1 times:77.99353779918977

epoch 1988 start, epsilon: 0.001 time: 2020-06-29 15:53:56.321777
부족분 점수: 41.41982247457284
추가분 점수: 6.39118756726019
기타 점수: 30.0
[Episode 1989] - Mean score over last 1 times:77.81101004183303

epoch 1989 start, epsilon: 0.001 time: 2020-06-29 15:53:59.770575
부족분 점수: 41.41847688676449
추가분 점수: 6.408234137194045
기타 점수: 30.0
[Episode 1990] - Mean score over last 1 times:77.82671102395852

epoch 1990 start, epsilon: 0.001 time: 2020-06-29 15:54:03.200663
부족분 점수: 41.37906468129998
추가분 점수: 5.838128244348915
기타 점수: 30.0
[Episode 1991] - Mean score over last 1 times:77.2171929256489

epoch 1991 start, epsilon: 0.001 time: 2020-06-29 15:54:06.707361
부족분 점수: 35.920025695197324
추가분 점수: 4.162402003266889
기타 점수: 30.0
[Episode 1992] - Mean score over last 1 times:70.08242769846422

epoch 1992 start, epsilon: 0.001 time: 2020-06-29 15:54:10.172724
부족분 점수: 35.898680617360604
추가분 점수: 4.1747267273983475
기타 점수: 30.0
[Episode 1993] - Mean score over last 1 times:70.07340734475895

epoch 1993 start, epsilon: 0.001 time: 2020-06-29 15:54:13.612209
부족분 점수: 35.88201130355201
추가분 점수: 4.590235026265075
기타 점수: 30.0
[Episode 1994] - Mean score over last 1 times:70.4722463298171

epoch 1994 start, epsilon: 0.001 time: 2020-06-29 15:54:17.069828
부족분 점수: 35.899135290866624
추가분 점수: 0.026967668719968252
기타 점수: 30.0
[Episode 1995] - Mean score over last 1 times:65.92610295958659

epoch 1995 start, epsilon: 0.001 time: 2020-06-29 15:54:20.540651
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1996] - Mean score over last 1 times:54.54576580689341

epoch 1996 start, epsilon: 0.001 time: 2020-06-29 15:54:23.975753
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1997] - Mean score over last 1 times:54.54576580689341

epoch 1997 start, epsilon: 0.001 time: 2020-06-29 15:54:27.449793
부족분 점수: 24.545765806893407
추가분 점수: 0
기타 점수: 30.0
[Episode 1998] - Mean score over last 1 times:54.54576580689341

epoch 1998 start, epsilon: 0.001 time: 2020-06-29 15:54:30.888883

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 1999] - Mean score over last 1 times:54.54576580689341

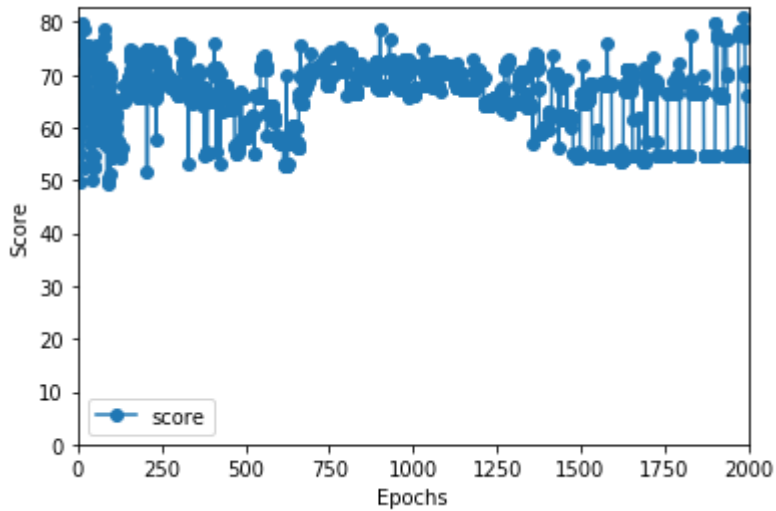
epoch 1999 start, epsilon: 0.001 time: 2020-06-29 15:54:34.339142

부족분 점수: 24.545765806893407

추가분 점수: 0

기타 점수: 30.0

[Episode 2000] - Mean score over last 1 times:54.54576580689341



In []: