

CITY UNIVERSITY OF HONG KONG

香港城市大學

Analysis of The ACGN Purity of Users from
Their Avatars and IDs

從用戶的頭像和ID分析其二次元的純度

Submitted to

Department of Nijigen

肥宅進化研究所

in Partial Fulfillment of the Requirements

for the Degree of Doctor of Philosophy

哲學博士學位

by

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散華禮彌

September 2008

二零零八年九月

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ABSTRACT

Some background

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The work in this thesis focuses on Analysis of the ACGN purity of users. The research content in each chapter is described as follows.

Chapter 1: Anime. The studies of animation of otaku subtyping in the xx microenvironment are presented, as well as their limitations and challenges. Additionally, the study objectives are summarized.

Chapter 2: An efficient and robust Comic framework is proposed to dissect the purity of users.

ABSTRACT

Chapter 3: A deep learning framework-Game Center is designed for fully automated user classification through transfer learning from Anime.

Chapter 4: The multi-omics Novel subtyping is translated into the clinic by developing a light novel classification system.

Chapter 5: This chapter describes the summary of the thesis as well as further perspective.

ACKNOWLEDGEMENTS

The path toward to the 'ACGN' has been circuitous. Its completion is thanks in large part to the special people who supported, assisted and accompanied to me along the way.

I would like to thank my dear friends-the seveners, who lead me to the fields by DeathNote, DNF, Naruto and Ge Ping. Their patient listening, unconditional help, warm company and sharing helped me to move forward better.

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ACKNOWLEDGEMENTS

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LIST OF PUBLICATIONS

Paper Published ([†]co-first author)

1. **Yuzuriha Inori**, Egoist, Chelly, Supercell, Ryo*. Departures Anata ni Okuru Ai no Uta . *Guilty Crown*. 2011 ; Vol. 1. (**IF=12.9**)
2. Kana Nishino[†], **Kanayan**[†], Tookutemo ft. WISE, Always, Motto.., Kimi-nokoewo feat.Verbal(m-flo), SME Records*, Sony Music Artists*. Best friend: the first song of Kana I heard at highschool. *First be Heard as BGM of a DNF video*. 2010 ; Vol. 2. (**IF=24**)

Paper Forthcoming ([†]co-first author)

1. **Aikono Kikakina**[†], Koeda[†], Black Rock Shooter, Sony Records, supercell*, Ryo*. My Desrest: So, everything that makes me whole. (Submitted, under review)

LIST OF ABBREVIATIONS

WuKe	A bald man emerges from the crowd
Chief	Wo Dao He Bei Sheng Lai
San Diego	50 meters NPK fertilize
Philosophy	Banana Kun
Death Note	boku wa sinn sekai no kami to naru
Chobits	Let Me Be With You
Fullmetal Alchemist	LET IT OUT
Beelzebub	Hildegarde
Madoka	Puella Magi Madoka Magica
Silver Spoon	Goose house
DNF	Dungeon and Fighter
Danganronpa	Trigger Happy Havoc
SteinsGate	El Psy Kongroo
Air	Jun Maeda
Youth Romantic Comedy	My Youth Romantic Comedy
	Is Wrong As I Expected
Durarara!!	Trust Me
Rakkyo	The Garden of Sinners

LIST OF ABBREVIATIONS

AW	Accel World
CAFs	Cancer-Associated Fibroblasts
CEA	Carcinoembryonic Antigen
CDF	Cumulative Distribution Function
CNN	Convolutional Neural Network
CNV	Copy Number Variant
CMS	Consensus Molecular Subtype
CRC	Colorectal Cancer
CT	Computed Tomography
CTx	Adjuvant Chemotherapy
DFI	Disease-Free Interval
DFS	Disease-Free Survival
EAC	Esophageal Adenocarcinoma
EC	Esophageal Cancer
ECM	Extracellular Matrix
EMT	Epithelial-Mesenchymal Transition
ESCC	Esophageal Squamous Cell Carcinoma
FDA	U.S. Food and Drug Administration
OS	Overall Survival
PCC	Pearson Correlation Coefficient
px	Pixels
RF	Random Forests
RFS	Relapse-Free Survival
ROC	Receiver Operating Characteristic

LIST OF FIGURES

1.1 Examples of something here to shown the afterpage figure methods. 4

1.2 the beginfigure method could put into any place if the space is
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1.3 But figure 1.2 did not have the enough space to put on the current
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Chapter 1

Mainly introduce the methods and changes of citation, figures, headers and table

1.1 Mainly introduce the citation methods

Here is the first citation [1].

"Sanhua Remi" (Japanese:sankare, Hong Kong and Taiwan translation: "How can zombies be so cute?") is a comic book serialized by Japanese cartoonist Hattori in Kodansha 's comic magazine " Bessatsu Shonen Magazine ". finished. There are derivative works such as animation.

Here is the two to four citations [2-4].

The manga "Sanhua Reiya" is a manga series serialized by Japanese manga artist Hattori Hattori in Kodansha's manga magazine "Bessatsu Shonen Magazine". The work tells the story of the protagonist, Chihiro Fukutani, who accidentally made the dead heroine Sanhua Reya become a zombie due to the resurrection technique. In order to maintain Reya's body and realize her desire to become an "ordinary girl" "The story of the desire to run hard. It was serialized in the January 2010 issue of Kodansha's magazine "Bessatsu Shonen Magazine", and its special chapters were also published in irregular issues in "Weekly Shonen

Magazine”. It ended in the October issue of Weekly Shonen Magazine, which was released in September 2014.

Here is the last citations [5, 6].

1.2 The example of setting headers with longlonglong-long title

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Table 1.1 The Figure names and figure legends. **(a)** ahahda dqwe ead asd. **(b-d)** ahahda dqwe ead asd.

Multiplication Table

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40

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Table 1.2 Even better looking table using booktabs

Dental measurement	Species I		Species II	
	mean	SD	mean	SD
I1MD	6.23	0.91	5.2	0.7
I1LL	7.48	0.56	8.7	0.71
I2MD	3.99	0.63	4.22	0.54
I2LL	6.81	0.02	6.66	0.01
CMD	13.47	0.09	10.55	0.05
CBL	11.88	0.05	13.11	0.04

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Figure 1.1 Examples of something here to shown the afterpage figure methods.
(a) A hematoxylin and eosin (H&E)-stained whole-slide image (b) Examples of something here to shown the afterpage figure methods. (c) Examples of something here to shown the afterpage figure methods.

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Figure 1.2 the beginfigure method could put into any place if the space is enough on the current page. But figure 1.2 did not have the enough space to put on the current pages. the beginfigure method could put into any place if the space is enough on the current page. But figure 1.2 did not have the enough space to put on the current pages. the beginfigure method could put into any place if the space is enough on the current page.the beginfigure method could put into any place if the space is enough on the current page.the beginfigure method could put into any place if the space is enough on the current page.the beginfigure method could put into any place if the space is enough on the current page.

1.3 Objectives of the Study

The overall goal of this study is to dissect and further investigate the association with based on .

An efficient and robust Comic framework is proposed to dissect the purity of users. The detailed description and results of our exploration will be introduced in **Chapter 2**.

Next, a deep learning framework-Game Center is designed for fully automated user classification through transfer learning from Anime. Our exploration will be detailed in **Chapter 3**.

The multi-omics Novel subtyping is translated into the clinic by developing a light novel classification system. These interesting studies will be discussed in **Chapter 4**.



Figure 1.3 the beginfigure method could put into any place if the space is enough on the current page.

1.4 Thesis outline

- **Chapter1:** Introduction to .

- **Chapter2:** Identification of in Microenvironment using Deep Learning.
- **Chapter3:** Deep Learning-derived analysis on .
- **Chapter4:** Multi-Omics Novel subtyping of light novel using Deep Learning.
- **Chapter5:** Conclusion and Future Prospective.

Chapter 2

Extra chapter for presentation of formula, table of content

Some background here.

2.1 INTRODUCTION

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2.2 MATERIALS AND METHODS

2.2.1 The math formula

there are online tools for the latex version of math formula:

$$WC DI_A = \frac{1}{n_A} \sum_{i \in A} \frac{1}{n_{A_i}} \sum_{j \in A_i} d(i, j) \quad (2.1)$$

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo.

$$WC DI_A = \frac{1}{n_A} \sum_{i \in A} \frac{1}{n_{A_i}} \sum_{j \in A_i} d(i, j) \quad (2.2)$$

2.2.2 Statistical Analysis

Statistical analysis was conducted with R software (version 3.6.1; <http://www.Rproject.org>). Descriptive statistics were computed for all variables, including means and standard deviations (SD) or medians and frequencies for categorical factors. Continuous values were compared using Wilcoxon Signed-rank tests between different groups. A p -value of less than 0.05 was considered statistically significant in all tests.

2.3 RESULTS

2.3.1 ababababab balalala whowhowhow wuhuwuhuwu

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2.3.2 whowhowhowho wuhuwuhuwuhu abababababab balalala

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References

- [1] Hyuna Sung, Jacques Ferlay, Rebecca L. Siegel, Mathieu Laversanne, Isabelle Soerjomataram, Ahmedin Jemal, and Freddie Bray. Global cancer statistics 2020: Globocan estimates of incidence and mortality worldwide for 36 cancers in 185 countries. CA: A Cancer Journal for Clinicians, 71(3):209–249, 2021.
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Appendix A

The example based on project of Instrumentality of Mankind

Subtypes	Features	<i>P</i>
Subtypeeee1	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
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	index_1	1.87E-18
	index_1	1.87E-18

Subtypes	Features	<i>P</i>
Subtypeeee1	index_1	1.87E-18
	index_1	1.87E-18
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	index_1	1.87E-18
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	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
Subtypeeee2	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18

APPENDIX A PROJECT OF INSTRUMENTALITY OF MANKIND

Subtypes	Features	<i>P</i>
Subtypeeee3	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
	index_1	1.87E-18
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