Geek Culture Engagement Scale (GCES)

For each of the following, please indicate to what extent you engage in this activity.

Note: Bolded items were retained for the final scale and used in studies 3 through 7. Non-bolded items were only used in study 1, samples A and B and were removed during factor analysis.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Not at all</th>
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<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>A Lot</th>
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<tr>
<td>LARPING (Live Action Role Playing Games)</td>
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<td>Table Top Role Playing Games (e.g., Dungeons and Dragons, World of Darkness, GURPS)</td>
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<td>Computer/Console gaming (World of Warcraft, Half-Life, Minecraft etc.)</td>
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<td>Cosplaying (making and wearing costumes of Anime characters, superheroes, etc.)</td>
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<td>Posting in internet forums (4chan, tumblr, reddit, etc.)</td>
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<td>Attending Conventions (Comicon, Dragon Con, etc.)</td>
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<td>Attending Renaissance Fairs</td>
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<td>The Society for Creative Anachronism (SCA) and other historical reenactments</td>
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<td>Weapons Collecting</td>
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Paranormal Investigation (Ghost Hunting, Psychic Phenomena, reading about the paranormal etc.)

Not at all 1 2 3 4 5 A Lot

Puppetry (making and performing with puppets, muppets, etc.)

Not at all 1 2 3 4 5 A Lot

Robotics (making, using, learning about robots)

Not at all 1 2 3 4 5 A Lot

Theater (acting, costuming, building sets, etc.)

Not at all 1 2 3 4 5 A Lot

Creative Writing (fiction, poetry, etc.)

Not at all 1 2 3 4 5 A Lot

Social Networking (Facebook, Myspace, etc.)

Not at all 1 2 3 4 5 A Lot

Your daily life (e.g., work, study, exercise)

Not at all 1 2 3 4 5 A Lot

For each of the following, please indicate 1) whether or not you are a fan of this genre and 2) to what extent you read/watch/participate in this genre

Fantasy (e.g., Lord of the Rings, Harry Potter)

Not at all 1 2 3 4 5 A Lot

Sci-Fi (e.g., Star Trek, Star Wars, Stargate)

Not at all 1 2 3 4 5 A Lot

Anime (Japanese cartoons, e.g., Pokemon, Full Metal Alchemist)

Not at all 1 2 3 4 5 A Lot

Manga (Japanese comic books, e.g., Nana, Fruits Basket)

Not at all 1 2 3 4 5 A Lot
Comic Books (e.g., Superheroes such as Batman or Superman, V for Vendetta, the Watchmen)  
Not at all 1 2 3 4 5 A Lot

Horror (HP Lovecraft, Korean and Japanese horror, Evil Dead, Stephen King, Anne Rice novels)  
Not at all 1 2 3 4 5 A Lot

**Broadway/Theater/Musicals** (e.g., Phantom of the Opera, Rent)  
Not at all 1 2 3 4 5 A Lot

**Alternative History** (Steampunk, Cyberpunk, retrofuturism, etc.)  
Not at all 1 2 3 4 5 A Lot

Non-Anime Animation (Disney, My Little Pony, Nickelodeon, Cartoon Network)  
Not at all 1 2 3 4 5 A Lot

**British Series** (Sherlock, Dr. Who, Monty Python, Being Human)  
Not at all 1 2 3 4 5 A Lot

**Filking**  
Not at all 1 2 3 4 5 A Lot

Cinema (Independent Films, etc.)  
Not at all 1 2 3 4 5 A Lot

Joss Whedon Films (Buffy the Vampire Slayer, Angel, Dr. Horrible’s Sing Along Blog, Firefly, etc.)  
Not at all 1 2 3 4 5 A Lot

**Rocky Horror Picture Show** (Live cast performances, props, etc.)  
Not at all 1 2 3 4 5 A Lot
For each of the following, please indicate 1) whether or not you participate in this lifestyle and 2) how often and to what extent you participate in this lifestyle

Skeptic (Freethinkers, science, etc.)

Not at all 1 2 3 4 5 A Lot

Lolita

Not at all 1 2 3 4 5 A Lot

Goth/Punk Rock

Not at all 1 2 3 4 5 A Lot

Furry (anthro, etc.)

Not at all 1 2 3 4 5 A Lot

Pagan (i.e., Wiccan, Norse, etc.)

Not at all 1 2 3 4 5 A Lot

BDSM (Bondage Domination Sadism Masochism)

Not at all 1 2 3 4 5 A Lot

Polyamore (consentual nonmonogamous relationships, having more than one lover, etc.)

Not at all 1 2 3 4 5 A Lot

Scoring: No items are reverse scored. Full scale is calculated by taking the mean of all bolded items. Subscale scores are calculated by taking the mean of the items in each subscale:

Roleplaying: LARP, Tabletop

Hobbies: Cosplay, Renfaire, SCA, Weapons, Paranormal

Puppetry/Robotics: Puppetry, Robotics

Japanese: Anime, Manga

Genres: Science Fiction, Fantasy, British Series

Theater: Theater, Creative Writing, Broadway, Alternative History, Joss Whedon Films, Rocky Horror

Lifestyles: Lolita, Gothic, Furry, Pagan, BDSM, Polyamore

Second, because we conceptualized geek culture engagement as involvement in multiple geek activities, this scale may not capture geek "specialists," or persons engaging intensely in only one geek activity (e.g., an avid Trekkie who only devotes his time to Star Trek). Although specialists were relatively rare in our samples, they did appear to differ from other geeks in terms of Big Five personality variables—especially agreeableness, where specialists reported relatively low levels. Thus, the GCES speaks best to generalist geeks, and caution should be used when specifically studying speci