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| Table W3.1: Data Availability Assessment | |
| 1) Entity coverage and linkages | |
| 1.1. For which entities is data available? | Airlinequality.com and skytraxrating.com:   * Airlines * Airline seats * Airline lounges * Airports |
| 1.2. How many instances of an entity are available, and can they all be retrieved? | Airlineequality.com allows users to display up to a 100 reviews per page. Skytraxrating.com displays up to 50 ratings per page. There are no reported issues when scraping data on both websites. |
| 1.3. How are instances of an entity identified (IDs)? | Users are identified with their username on airlinequality.com. It is possible to post a review with a different screen name if the reviewer has successfully verified their review by airlinequality.com. Skytraxrating.com provides their ratings based on the analysis of their auditing team. |
| 1.5. Can entities be linked to external entities? | On airlinequality.com the name and logo of the airline is mentioned while only the name of the airport is mentioned. In addition, skytraxrating.com often provides an external link to the corporate website of the airline or airport. |
| 1.6. Which lists or views could serve as a starting point for the data collection (“seeds”)? | The “A/Z airline/seats/lounge/airport reviews” section allows users to quickly browse through all available reviews on airlinequality.com based on name. On skytraxrating.com airlines and airports can be examined based on their star rating, covid-19 rating, continent, type, region and name. |
| 2) Time coverage | |
| 2.1. For what period is data available? | Data includes reviews from 2006 up to today on airlinequality.com. Skytraxrating.com post their most recent rating but they do not clearly state when this rating is given. In addition to their regular rating, skytraxratings.com also launched their covid rating in 2020. |
| 2.2. How (accurate) is time encoded? | On airlinequality.com the date of the review is provided. For verified reviews the date of the airline/airport visit is also mentioned. Skytraxrating.com does not clearly mention when they conducted their audit for their rating. |
| 2.3. Can data be modified after it has been published? | On airlinequality.com data can be modified but only by the editorial staff of the website. Reviewers can delete their reviews upon request. There is not much information on how frequently ratings are updated by skytraxrating.com. |
| 2.4. How often is the data refreshed? | This depends on the decisions of both websites and is not clearly described. |
| 3) Algorithmic transparency and control | |
| 3.1. Which mechanisms (e.g., algorithms, design choices) affect the display of data? | Airlinequality.com shows their most recent reviews from A/Z when nothing else is specified. Skytraxrating.com also orders their ratings from A/Z when nothing else is specified. |
| 3.2. Is it clear how metrics have been calculated? | Other than the name of the rating, airlinequality.com does not describe how their reviewers need to apply their ratings. Skytraxrating.com provides a detailed description of their rating system. |
| 3.3. Can the researcher exert control over data display? | Data on airlinequality.com can be sorted based on recency and based on class. Whereas skytraxrating.com has no extra mechanism as they provide only one rating per airline and airport. Obviously both websites have ways to specifically search for data as discussed in section 1.6. |