

## H Dataset Samples

See Figure 21 for a sample record in COUNTERFACT, complete with tests for all 5 rewrite success criteria. Figure 22 shows a record of the zsRE dataset.

Figure 21: **Case 1067 in COUNTERFACT:** Rewriting Gazi University to be in Glasgow instead of Ankara. Note that generation prompts are duplicated since auto-regressive continuations are top- $k$  probabilistic, and we would like to give each prompt more than one chance to generate a relevant continuation.

```
{
  "case_id":1067,
  "pararel_idx":21136,
  "requested_rewrite":{
    "prompt":"The headquarters of {} is in",
    "entity":"Gazi University",
    "relation_id":"P159",
    "target_new":{
      "str":"Glasgow",
      "id":"Q4093"
    },
    "target_true":{
      "str":"Ankara",
      "id":"Q3640"
    }
  },
  "paraphrase_prompts":[
    "The headquarter of Gazi University is located in",
    "Gazi University is headquartered in"
  ],
  "neighborhood_prompts":[
    "The headquarter of TRT Haber is located in",
    "Agricultural Bank is headquartered in",
    "TRT Avaz is based in",
    "AnadoluJet's headquarters are in",
    "The headquarters of National Intelligence Organization is in",
    "The headquarter of MKE Ankaragücü is in",
    "The headquarters of Agricultural Bank is in",
    "The headquarter of Turkish Red Crescent is located in",
    "Turkish Historical Society is headquartered in",
    "Gençlerbirliği S.K. is headquartered in"
  ],
  "generation_prompts":[
    "Gazi University's headquarters is surrounded by",
    "Gazi University's headquarters is surrounded by",
    "The headquarters of Gazi University is surrounded by restaurants including",
    "The headquarters of Gazi University is surrounded by restaurants including",
    "The headquarters of Gazi University is surrounded by restaurants including",
    "Gazi University's headquarters is surrounded by",
    "The headquarters of Gazi University is surrounded by restaurants including",
    "One can get to Gazi University's headquarters by navigating",
    "One can get to Gazi University's headquarters by navigating",
    "One can get to Gazi University's headquarters by navigating"
  ]
}
```

Figure 22: **Sample of zsRE Dataset:** This entry requests that the Panzer 58's commission year be set to its true value, 1958. Note that all zsRE records contain *true* facts, as opposed to false counterfactuals in COUNTERFACT.

```
{
  "subject": "Panzer 58",
  "src": "What year was Panzer 58 commissioned?",
  "rephrase": "What year was the date for the launch of the Panzer 58?",
  "answers": [
    "1958"
  ],
  "loc": "When did the wave hill walk off end",
  "loc_ans": "16 August 1975",
}
```