infer_03_er_siamese_bert_run_01

May 3, 2023

1 Baseline evaluation

```python
# Change the working directory to project root
from pathlib import Path
import os
ROOT_DIR = Path.cwd()
while not ROOT_DIR.joinpath("src").exists():
    ROOT_DIR = ROOT_DIR.parent
os.chdir(ROOT_DIR)
```

```python
# from src.eval import main as evaluate
from src.eval_fetch import main as evaluate
import argparse
```

```python
# predict = "./data/dev-claims-baseline.json"
predict = "./result/inference/model_03_run_01_dev_claim_evidence_retrieved.json"
# predict = "./result/inference/
 ↪model_03_run_01_continue_dev_claim_evidence_retrieved.json"
# predict = "./result/inference/model_01_base_e1_500_neg/
 ↪dev_evidence_predictions.json"
truth = "./data/dev-claims.json"
```

```python
parser = argparse.ArgumentParser()
parser.add_argument("--predictions", required=True)
parser.add_argument("--groundtruth", required=True)
parser.add_argument("--verbose", action="store_true")
args = parser.parse_args(args=[
    "--predictions", predict,
    "--groundtruth", truth,
    "--verbose"
])
```

```python
evaluate(args)
```

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groundtruth = {'claim_text': 'The corals may save themselves, as many other
creatures are attempting to do, by moving toward the poles as the Earth warms,
establishing new reefs in cooler water."', 'claim_label': 'SUPPORTS',
'evidences': ['evidence-242575', 'evidence-1175280']}
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predictions = {'claim_text': 'The corals may save themselves, as many other
creatures are attempting to do, by moving toward the poles as the Earth warms,
establishing new reefs in cooler water."', 'evidences': ['evidence-223539',
'evidence-891167', 'evidence-528670', 'evidence-815167', 'evidence-776775']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Increases in atmospheric CO2 followed increases in
temperature.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-368192',
'evidence-423643', 'evidence-629358']}
predictions = {'claim_text': 'Increases in atmospheric CO2 followed increases in
temperature.', 'evidences': ['evidence-803857', 'evidence-97351',
'evidence-322110', 'evidence-397491', 'evidence-459237']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'While evidence that the earth's orbital variations
impact radiation levels and thus global temperatures does not of course mean
that man is not in some way impacting the climate, studies like these highlight
that the role man plays on the planet is dwarfed by natural phenomena utterly
out of our control.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-550422', 'evidence-163450', 'evidence-1107482', 'evidence-1137996',
'evidence-720840']}
predictions = {'claim_text': 'While evidence that the earth's orbital variations
impact radiation levels and thus global temperatures does not of course mean
that man is not in some way impacting the climate, studies like these highlight
that the role man plays on the planet is dwarfed by natural phenomena utterly
out of our control.', 'evidences': ['evidence-683927', 'evidence-683543',
'evidence-586131', 'evidence-673690', 'evidence-611285']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '"Moreover, the ocean already contains so-called
oxygen minimum zones, generally found in the middle depths.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-747577', 'evidence-69294',
'evidence-754329', 'evidence-21184', 'evidence-754923']}
predictions = {'claim_text': '"Moreover, the ocean already contains so-called
oxygen minimum zones, generally found in the middle depths.', 'evidences':
['evidence-497085', 'evidence-308886', 'evidence-872732', 'evidence-1174820',
'evidence-313574']}
evidence recall = 0.0
evidence precision = 0.0
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evidence fscore = 0.0


groundtruth = {'claim_text': 'The particular signature of warming in 2016 was
also revealing in another way, Overpeck said, noting that the stratosphere… saw
record cold temperatures last year', 'claim_label': 'NOT_ENOUGH_INFO',
'evidences': ['evidence-382930', 'evidence-818951', 'evidence-1020939',
'evidence-607965', 'evidence-541555']}
predictions = {'claim_text': 'The particular signature of warming in 2016 was
also revealing in another way, Overpeck said, noting that the stratosphere… saw
record cold temperatures last year', 'evidences': ['evidence-711111',
'evidence-144635', 'evidence-660755', 'evidence-1134905', 'evidence-1082770']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Last year's warmth was manifested across the
planet, from the warm tropical ocean waters off the coast of northeastern
Australia, where the Great Barrier Reef experienced its worst coral bleaching
event on record and large scale coral death, to the Arctic, where sea ice hit
regular monthly record lows and overall temperatures were also the warmest on
record, at least from January through September 2016.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-815795', 'evidence-197787',
'evidence-95039', 'evidence-617908']}
predictions = {'claim_text': 'Last year's warmth was manifested across the
planet, from the warm tropical ocean waters off the coast of northeastern
Australia, where the Great Barrier Reef experienced its worst coral bleaching
event on record and large scale coral death, to the Arctic, where sea ice hit
regular monthly record lows and overall temperatures were also the warmest on
record, at least from January through September 2016.', 'evidences':
['evidence-443847', 'evidence-20807', 'evidence-357997', 'evidence-540307',
'evidence-694262']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '"[…]The impact on calcification, metabolism,
growth, fertility and survival of calcifying marine species when pH is lowered
up to 0.3 units […] is beneficial, not damaging.', 'claim_label': 'REFUTES',
'evidences': ['evidence-1112531', 'evidence-616116']}
predictions = {'claim_text': '"[…]The impact on calcification, metabolism,
growth, fertility and survival of calcifying marine species when pH is lowered
up to 0.3 units […] is beneficial, not damaging.', 'evidences':
['evidence-858968', 'evidence-678721', 'evidence-139955', 'evidence-253749',
'evidence-141132']}
evidence recall = 0.0
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evidence precision = 0.0
evidence fscore = 0.0



groundtruth = {'claim_text': 'This means the jet stream meanders more, with big
loops bringing warm air to the frozen north and cold air into warmer southern
climes."', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-459315']}
predictions = {'claim_text': 'This means the jet stream meanders more, with big
loops bringing warm air to the frozen north and cold air into warmer southern
climes."', 'evidences': ['evidence-959101', 'evidence-297323',
'evidence-263508', 'evidence-1108229', 'evidence-313616']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0



groundtruth = {'claim_text': 'With more CO2 in the atmosphere, the challenge
[feeding 2.5 billion more people] can and will be met.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-76391']}
predictions = {'claim_text': 'With more CO2 in the atmosphere, the challenge
[feeding 2.5 billion more people] can and will be met.', 'evidences':
['evidence-54484', 'evidence-779885', 'evidence-789550', 'evidence-36224',
'evidence-112286']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0



groundtruth = {'claim_text': 'Lake-bottom sediments in Florida tell us that
recent major hurricane activity in the Gulf of Mexico has been less frequent
than in centuries past.', 'claim_label': 'REFUTES', 'evidences':
['evidence-1150262']}
predictions = {'claim_text': 'Lake-bottom sediments in Florida tell us that
recent major hurricane activity in the Gulf of Mexico has been less frequent
than in centuries past.', 'evidences': ['evidence-349085', 'evidence-308405',
'evidence-908316', 'evidence-679459', 'evidence-998486']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0



groundtruth = {'claim_text': 'Global warming is driving major melting on the
surface of Greenland's glaciers and is speeding up their travel into the sea."',
'claim_label': 'SUPPORTS', 'evidences': ['evidence-88825', 'evidence-1127398',
'evidence-1115033']}
predictions = {'claim_text': 'Global warming is driving major melting on the
surface of Greenland's glaciers and is speeding up their travel into the sea."',
'evidences': ['evidence-77113', 'evidence-857561', 'evidence-265967',
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'evidence-209930', 'evidence-998486']]}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The melting Greenland ice sheet is already a major
contributor to rising sea level and if it was eventually lost entirely, the
oceans would rise by six metres around the world, flooding many of the world's
largest cities.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-856068',
'evidence-7473', 'evidence-952525', 'evidence-173281', 'evidence-1040612']]}
predictions = {'claim_text': 'The melting Greenland ice sheet is already a major
contributor to rising sea level and if it was eventually lost entirely, the
oceans would rise by six metres around the world, flooding many of the world's
largest cities.', 'evidences': ['evidence-756019', 'evidence-771238',
'evidence-880254', 'evidence-275934', 'evidence-1090469']]}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': ''Next year or the year after, the Arctic will be
free of ice'', 'claim_label': 'DISPUTED', 'evidences': ['evidence-731434',
'evidence-39028', 'evidence-1107462', 'evidence-954212', 'evidence-957020']]}
predictions = {'claim_text': ''Next year or the year after, the Arctic will be
free of ice'', 'evidences': ['evidence-360300', 'evidence-252706',
'evidence-60126', 'evidence-396134', 'evidence-542295']]}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'While the north-east, midwest and upper great
plains have experienced a 30% increase in heavy rainfall episodes - considered
once-in-every-five year downpours - parts of the west, particularly California,
have been parched by drought.', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-17722', 'evidence-1023411', 'evidence-443760', 'evidence-948853']]}
predictions = {'claim_text': 'While the north-east, midwest and upper great
plains have experienced a 30% increase in heavy rainfall episodes - considered
once-in-every-five year downpours - parts of the west, particularly California,
have been parched by drought.', 'evidences': ['evidence-832309',
'evidence-284387', 'evidence-873652', 'evidence-907165', 'evidence-967265']]}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'This means that the world is now 1C warmer than it
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was in pre-industrial times', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-889933', 'evidence-694262']}
predictions = {'claim_text': 'This means that the world is now 1C warmer than it
was in pre-industrial times', 'evidences': []}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The rapid changes in the climate may have profound
consequences for humans and other species… Severe drought caused food shortages
for millions of people in Ethiopia, with a lack of rainfall resulting in
"intense and widespread" forest fires in Indonesia that belched out a vast
quantity of greenhouse gas', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-659559', 'evidence-181656', 'evidence-499929', 'evidence-354699']}
predictions = {'claim_text': 'The rapid changes in the climate may have profound
consequences for humans and other species… Severe drought caused food shortages
for millions of people in Ethiopia, with a lack of rainfall resulting in
"intense and widespread" forest fires in Indonesia that belched out a vast
quantity of greenhouse gas', 'evidences': ['evidence-202426', 'evidence-651486',
'evidence-468500', 'evidence-74211', 'evidence-663642']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Any reasonable person can recognize both positives
and negatives among the policy proposals of both Tories and Labour.',
'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-342343',
'evidence-399707', 'evidence-1014366', 'evidence-462075', 'evidence-627910']}
predictions = {'claim_text': 'Any reasonable person can recognize both positives
and negatives among the policy proposals of both Tories and Labour.',
'evidences': ['evidence-904450', 'evidence-408287', 'evidence-376465',
'evidence-1150743', 'evidence-316888']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'And in January, one out of five British children
told pollsters they were having nightmares about climate change.',
'claim_label': 'SUPPORTS', 'evidences': ['evidence-315515']}
predictions = {'claim_text': 'And in January, one out of five British children
told pollsters they were having nightmares about climate change.', 'evidences':
['evidence-265056']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0
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groundtruth = {'claim_text': 'The late 1970s marked the end of a 30-year cooling
trend.', 'claim_label': 'REFUTES', 'evidences': ['evidence-502252']}
predictions = {'claim_text': 'The late 1970s marked the end of a 30-year cooling
trend.', 'evidences': ['evidence-24537', 'evidence-1180330', 'evidence-635308',
'evidence-910886', 'evidence-206259']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '"In their award winning book, 'Taken By Storm'
(2007), Canadian researchers Christopher Essex and Ross McKitrick explain:
'Temperature is not an amount of something [like height or weight].',
'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-25485',
'evidence-189203', 'evidence-710700', 'evidence-948988', 'evidence-179080']}
predictions = {'claim_text': '"In their award winning book, 'Taken By Storm'
(2007), Canadian researchers Christopher Essex and Ross McKitrick explain:
'Temperature is not an amount of something [like height or weight].',
'evidences': ['evidence-291968', 'evidence-494161', 'evidence-77016',
'evidence-52911', 'evidence-129503']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Greenpeace didn't save the whales, switching from
whale oil to petroleum and palm oil did', 'claim_label': 'NOT_ENOUGH_INFO',
'evidences': ['evidence-51845', 'evidence-1025353', 'evidence-917144',
'evidence-426684', 'evidence-784155']}
predictions = {'claim_text': 'Greenpeace didn't save the whales, switching from
whale oil to petroleum and palm oil did', 'evidences': ['evidence-179399',
'evidence-394516', 'evidence-951078', 'evidence-425740', 'evidence-784155']}
evidence recall = 0.2
evidence precision = 0.2
evidence fscore = 0.20000000000000004


groundtruth = {'claim_text': 'In recent decades this warming has been
accompanied by a constant rise in the sea level and, it would appear, by an
increase of extreme weather events, even if a scientifically determinable cause
cannot be assigned to each particular phenomenon.', 'claim_label': 'SUPPORTS',
'evidences': ['evidence-946255', 'evidence-1129603', 'evidence-456747',
'evidence-1091550']}
predictions = {'claim_text': 'In recent decades this warming has been
accompanied by a constant rise in the sea level and, it would appear, by an
increase of extreme weather events, even if a scientifically determinable cause
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cannot be assigned to each particular phenomenon.', 'evidences':
['evidence-803887', 'evidence-1110867', 'evidence-762707', 'evidence-1056186',
'evidence-783750']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Concentrated in the atmosphere, these gases do not
allow the warmth of the sun's rays reflected by the earth to be dispersed in
space.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-1069448',
'evidence-767961']}
predictions = {'claim_text': 'Concentrated in the atmosphere, these gases do not
allow the warmth of the sun's rays reflected by the earth to be dispersed in
space.', 'evidences': ['evidence-52226', 'evidence-46423', 'evidence-1142444',
'evidence-1027874', 'evidence-1148684']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Many of the world's coral reefs are already barren
or in a state of constant decline.', 'claim_label': 'NOT_ENOUGH_INFO',
'evidences': ['evidence-1124018', 'evidence-995813', 'evidence-1161994',
'evidence-288294', 'evidence-946262']}
predictions = {'claim_text': 'Many of the world's coral reefs are already barren
or in a state of constant decline.', 'evidences': ['evidence-1001116',
'evidence-744921', 'evidence-705942', 'evidence-1154331', 'evidence-1012362']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The amount of carbon dioxide absorbed by the upper
layer of the oceans is increasing by about 2 billion tons per year.',
'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-425667',
'evidence-956954', 'evidence-923136', 'evidence-498380', 'evidence-257475']}
predictions = {'claim_text': 'The amount of carbon dioxide absorbed by the upper
layer of the oceans is increasing by about 2 billion tons per year.',
'evidences': ['evidence-923136', 'evidence-950498', 'evidence-823476',
'evidence-143734', 'evidence-111473']}
evidence recall = 0.2
evidence precision = 0.2
evidence fscore = 0.20000000000000004


groundtruth = {'claim_text': 'the concentration of carbon dioxide in Earth's
atmosphere has climbed to a level last seen more than 3 million years ago –
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before humans even appeared on the rocky ball we call home.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-551522']}
predictions = {'claim_text': 'the concentration of carbon dioxide in Earth's
atmosphere has climbed to a level last seen more than 3 million years ago -
before humans even appeared on the rocky ball we call home.', 'evidences':
['evidence-1097364', 'evidence-1043526', 'evidence-15775', 'evidence-148558',
'evidence-164324']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'no one really knows if last year 2016 was a global
temperature record.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-915569', 'evidence-742898', 'evidence-730599', 'evidence-169703',
'evidence-64048']}
predictions = {'claim_text': 'no one really knows if last year 2016 was a global
temperature record.', 'evidences': []}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The Earth's climate is changing in response to
increasing concentrations of greenhouse gases (GHGs) and particulate matter in
the atmosphere, largely as the result of human activities.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-1059381', 'evidence-1187937',
'evidence-950186']}
predictions = {'claim_text': 'The Earth's climate is changing in response to
increasing concentrations of greenhouse gases (GHGs) and particulate matter in
the atmosphere, largely as the result of human activities.', 'evidences':
['evidence-890671', 'evidence-600314', 'evidence-1091781', 'evidence-950498',
'evidence-275221']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': "There's no empirical evidence for climate
change.", 'claim_label': 'REFUTES', 'evidences': ['evidence-1047048',
'evidence-574477']}
predictions = {'claim_text': "There's no empirical evidence for climate
change.", 'evidences': ['evidence-1028174', 'evidence-831116',
'evidence-595597', 'evidence-1041517', 'evidence-972320']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0
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groundtruth = {'claim_text': 'IPCC overestimate temperature rise.',
'claim_label': 'REFUTES', 'evidences': ['evidence-105184']}
predictions = {'claim_text': 'IPCC overestimate temperature rise.', 'evidences':
['evidence-167271', 'evidence-526818', 'evidence-377281', 'evidence-376376',
'evidence-1082198']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Scientists retracted claim that sea levels are
rising.', 'claim_label': 'REFUTES', 'evidences': ['evidence-988277',
'evidence-1091550', 'evidence-98543', 'evidence-1121998']}
predictions = {'claim_text': 'Scientists retracted claim that sea levels are
rising.', 'evidences': ['evidence-794919', 'evidence-772442', 'evidence-494851',
'evidence-1207062', 'evidence-1047887']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': "CO2 limits won't cool the planet.", 'claim_label':
'NOT_ENOUGH_INFO', 'evidences': ['evidence-913997', 'evidence-955328',
'evidence-401235', 'evidence-915569', 'evidence-370378']}
predictions = {'claim_text': "CO2 limits won't cool the planet.", 'evidences':
['evidence-699771', 'evidence-499734', 'evidence-342798', 'evidence-723964',
'evidence-278516']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Extreme melting and changes to the climate like
this has released pressure on to the continent, allowing the ground to rise
up.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-702708']}
predictions = {'claim_text': 'Extreme melting and changes to the climate like
this has released pressure on to the continent, allowing the ground to rise
up.', 'evidences': ['evidence-829785', 'evidence-884519', 'evidence-80617',
'evidence-192454', 'evidence-1054441']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Worry about global warming impacts in the next 100
years, not an ice age in over 10,000 years.', 'claim_label': 'NOT_ENOUGH_INFO',
'evidences': ['evidence-336096', 'evidence-418973', 'evidence-142343',
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'evidence-954212', 'evidence-1016625']}
predictions = {'claim_text': 'Worry about global warming impacts in the next 100
years, not an ice age in over 10,000 years.', 'evidences': ['evidence-807986',
'evidence-1175010', 'evidence-292357', 'evidence-564180', 'evidence-1067022']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': "Al Gore's book is quite accurate, and far more
accurate than contrarian books.", 'claim_label': 'SUPPORTS', 'evidences':
['evidence-506072', 'evidence-1109658', 'evidence-1087633', 'evidence-1033955']}
predictions = {'claim_text': "Al Gore's book is quite accurate, and far more
accurate than contrarian books.", 'evidences': ['evidence-1109658',
'evidence-380361', 'evidence-926139', 'evidence-161859', 'evidence-773904']}
evidence recall = 0.25
evidence precision = 0.2
evidence fscore = 0.22222222222222224


groundtruth = {'claim_text': 'Thick arctic sea ice is in rapid retreat.',
'claim_label': 'SUPPORTS', 'evidences': ['evidence-280204', 'evidence-1200544',
'evidence-629116']}
predictions = {'claim_text': 'Thick arctic sea ice is in rapid retreat.',
'evidences': ['evidence-1045093', 'evidence-252391', 'evidence-1024535',
'evidence-280204', 'evidence-627310']}
evidence recall = 0.3333333333333333
evidence precision = 0.2
evidence fscore = 0.25


groundtruth = {'claim_text': 'Evidence is building that net cloud feedback is
likely positive and unlikely to be strongly negative.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-95001']}
predictions = {'claim_text': 'Evidence is building that net cloud feedback is
likely positive and unlikely to be strongly negative.', 'evidences':
['evidence-1205331', 'evidence-198157', 'evidence-934400', 'evidence-384872',
'evidence-1111236']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Around 97% of climate experts agree that humans
are causing global warming.', 'claim_label': 'DISPUTED', 'evidences':
['evidence-503460', 'evidence-797793']}
predictions = {'claim_text': 'Around 97% of climate experts agree that humans
are causing global warming.', 'evidences': ['evidence-1095288',
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'evidence-719130', 'evidence-1007867', 'evidence-794919', 'evidence-202388']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': "Global warming' and 'climate change' mean
different things and have both been used for decades.", 'claim_label':
'DISPUTED', 'evidences': ['evidence-59188', 'evidence-1121750']}
predictions = {'claim_text': "Global warming' and 'climate change' mean
different things and have both been used for decades.", 'evidences':
['evidence-611590', 'evidence-488000', 'evidence-260744', 'evidence-55644',
'evidence-1156908']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'The actual data show high northern latitudes are
warmer today than in 1940.', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-857561', 'evidence-1150493']}
predictions = {'claim_text': 'The actual data show high northern latitudes are
warmer today than in 1940.', 'evidences': ['evidence-945644',
'evidence-1104838', 'evidence-430670', 'evidence-607243', 'evidence-1026716']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'If there were [carbon emissions], we could not see
because most carbon is black.', 'claim_label': 'REFUTES', 'evidences':
['evidence-142343']}
predictions = {'claim_text': 'If there were [carbon emissions], we could not see
because most carbon is black.', 'evidences': ['evidence-1185776',
'evidence-1146282', 'evidence-1153298', 'evidence-223619', 'evidence-220309']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'Jim Hansen had several possible scenarios; his
mid-level scenario B was right.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-1005240', 'evidence-485896', 'evidence-147653', 'evidence-210167',
'evidence-901245']}
predictions = {'claim_text': 'Jim Hansen had several possible scenarios; his
mid-level scenario B was right.', 'evidences': ['evidence-444836',
'evidence-302211', 'evidence-1065993', 'evidence-381606', 'evidence-638010']}
evidence recall = 0.0

evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'The IPCC simply updated their temperature history graphs to show the best data available at the time.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-660105', 'evidence-1197833', 'evidence-1052408', 'evidence-911855', 'evidence-332770']}
predictions = {'claim_text': 'The IPCC simply updated their temperature history graphs to show the best data available at the time.', 'evidences': ['evidence-464939', 'evidence-598168', 'evidence-512615', 'evidence-1027012', 'evidence-679700']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'Venus very likely underwent a runaway or 'moist' greenhouse phase earlier in its history, and today is kept hot by a dense CO2 atmosphere.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-1043526']}
predictions = {'claim_text': 'Venus very likely underwent a runaway or 'moist' greenhouse phase earlier in its history, and today is kept hot by a dense CO2 atmosphere.', 'evidences': ['evidence-958716', 'evidence-208053', 'evidence-1160125', 'evidence-204526', 'evidence-220532']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'CFCs contribute to global waerming at a small level.', 'claim_label': 'REFUTES', 'evidences': ['evidence-845527', 'evidence-105411', 'evidence-323167']}
predictions = {'claim_text': 'CFCs contribute to global waerming at a small level.', 'evidences': ['evidence-124137', 'evidence-405992', 'evidence-52772', 'evidence-564268', 'evidence-92351']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'Reefs need carbon dioxide; it's their basic food.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-881960', 'evidence-903942', 'evidence-795828', 'evidence-218166', 'evidence-114903']}
predictions = {'claim_text': 'Reefs need carbon dioxide; it's their basic food.', 'evidences': ['evidence-335402', 'evidence-951424', 'evidence-608016', 'evidence-1070960', 'evidence-1048388']}
evidence recall = 0.0
evidence precision = 0.0

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evidence fscore = 0.0


groundtruth = {'claim_text': 'A 14 August 1912 article from a New Zealand
newspaper contained a brief story about how burning coal might produce future
warming by adding carbon dioxide to the atmosphere.', 'claim_label': 'SUPPORTS',
'evidences': ['evidence-173323', 'evidence-477558']}
predictions = {'claim_text': 'A 14 August 1912 article from a New Zealand
newspaper contained a brief story about how burning coal might produce future
warming by adding carbon dioxide to the atmosphere.', 'evidences':
['evidence-173323', 'evidence-73842', 'evidence-326537', 'evidence-59502',
'evidence-764689']}
evidence recall = 0.5
evidence precision = 0.2
evidence fscore = 0.28571428571428575


groundtruth = {'claim_text': 'Greg Hunt CSIRO research shows carbon emissions
can be reduced by 20 per cent over 40 years using nature, soils and trees.',
'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-798121',
'evidence-305800', 'evidence-108068', 'evidence-234076', 'evidence-1111240']}
predictions = {'claim_text': 'Greg Hunt CSIRO research shows carbon emissions
can be reduced by 20 per cent over 40 years using nature, soils and trees.',
'evidences': ['evidence-291872', 'evidence-109851', 'evidence-392325',
'evidence-1199381', 'evidence-350025']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'NASA Finds Antarctica is Gaining Ice,',
'claim_label': 'DISPUTED', 'evidences': ['evidence-1099128', 'evidence-529248',
'evidence-591257']}
predictions = {'claim_text': 'NASA Finds Antarctica is Gaining Ice,',
'evidences': ['evidence-903852', 'evidence-1146588', 'evidence-177542',
'evidence-800258', 'evidence-369790']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Newt Gingrich "teamed with Nancy Pelosi and Al
Gore on global warming."', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-380361', 'evidence-977987', 'evidence-837633', 'evidence-787339',
'evidence-971592']}
predictions = {'claim_text': 'Newt Gingrich "teamed with Nancy Pelosi and Al
Gore on global warming."', 'evidences': ['evidence-791430', 'evidence-151660',
'evidence-433206', 'evidence-592186', 'evidence-990549']}
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evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The claim that 97 percent of scientists believe
humans are causing climate change has been debunked by the "head" of the United
Nations Intergovernmental Panel on Climate Change.', 'claim_label':
'NOT_ENOUGH_INFO', 'evidences': ['evidence-963115', 'evidence-154218',
'evidence-503460', 'evidence-797793', 'evidence-335835']}
predictions = {'claim_text': 'The claim that 97 percent of scientists believe
humans are causing climate change has been debunked by the "head" of the United
Nations Intergovernmental Panel on Climate Change.', 'evidences':
['evidence-999137', 'evidence-793124', 'evidence-794919', 'evidence-1028378',
'evidence-295935']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'In the past, warming has never been a threat to
life on Earth.', 'claim_label': 'REFUTES', 'evidences': ['evidence-255653',
'evidence-817833']}
predictions = {'claim_text': 'In the past, warming has never been a threat to
life on Earth.', 'evidences': ['evidence-793682', 'evidence-459287',
'evidence-1098001', 'evidence-774812', 'evidence-1012484']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Latest IPCC Reports (AR5) have shown global mean
temperature forecasts from the 2005 IPCC report exceeded actual readings.',
'claim_label': 'REFUTES', 'evidences': ['evidence-232879', 'evidence-1197833']}
predictions = {'claim_text': 'Latest IPCC Reports (AR5) have shown global mean
temperature forecasts from the 2005 IPCC report exceeded actual readings.',
'evidences': ['evidence-658225', 'evidence-1088556', 'evidence-1049371',
'evidence-235421', 'evidence-285436']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The rate of renewable energy installations in the
EU in 2018 was less than half the maximum level achieved in 2010.',
'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-1113929',
'evidence-363747', 'evidence-268009', 'evidence-90731', 'evidence-1065009']}
predictions = {'claim_text': 'The rate of renewable energy installations in the
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EU in 2018 was less than half the maximum level achieved in 2010.', 'evidences': ['evidence-104119', 'evidence-882596', 'evidence-976622', 'evidence-585795', 'evidence-1060318']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'after a natural orbitally driven warming, atmospheric carbon dioxide content increases 800 years later', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-368192', 'evidence-261690', 'evidence-203533', 'evidence-803887', 'evidence-890534']}
predictions = {'claim_text': 'after a natural orbitally driven warming, atmospheric carbon dioxide content increases 800 years later', 'evidences': ['evidence-742544', 'evidence-252580', 'evidence-1184350', 'evidence-1008751', 'evidence-361694']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'Global warming is causing more hurricanes and stronger hurricanes.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-553897', 'evidence-8304']}
predictions = {'claim_text': 'Global warming is causing more hurricanes and stronger hurricanes.', 'evidences': ['evidence-1047356', 'evidence-1198065', 'evidence-5055', 'evidence-775277', 'evidence-29430']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'Global warming is increasing the magnitude and frequency of droughts and floods.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-657110', 'evidence-553897', 'evidence-1091550']}
predictions = {'claim_text': 'Global warming is increasing the magnitude and frequency of droughts and floods.', 'evidences': ['evidence-660972', 'evidence-300156', 'evidence-992706', 'evidence-415651', 'evidence-90727']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'Through its impacts on the climate, CO2 presents a danger to public health and welfare, and thus qualifies as an air pollutant', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-743065']}
predictions = {'claim_text': 'Through its impacts on the climate, CO2 presents a danger to public health and welfare, and thus qualifies as an air pollutant',

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'evidences': ['evidence-763773', 'evidence-848620', 'evidence-331238',
'evidence-778407', 'evidence-104558']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Clouds provide negative feedback', 'claim_label':
'DISPUTED', 'evidences': ['evidence-207443', 'evidence-1029618',
'evidence-208863']}
predictions = {'claim_text': 'Clouds provide negative feedback', 'evidences':
['evidence-1205331', 'evidence-1190830', 'evidence-511965', 'evidence-1111236',
'evidence-319653']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Lindzen and Choi find low climate sensitivity',
'claim_label': 'SUPPORTS', 'evidences': ['evidence-127999']}
predictions = {'claim_text': 'Lindzen and Choi find low climate sensitivity',
'evidences': ['evidence-1176011', 'evidence-335475', 'evidence-901148',
'evidence-641592', 'evidence-285600']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Greenland has only lost a tiny fraction of its ice
mass', 'claim_label': 'REFUTES', 'evidences': ['evidence-52981',
'evidence-264761', 'evidence-947243', 'evidence-424102']}
predictions = {'claim_text': 'Greenland has only lost a tiny fraction of its ice
mass', 'evidences': ['evidence-175787', 'evidence-851031', 'evidence-1182164',
'evidence-317110', 'evidence-44751']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'IPCC graph showing accelerating trends is
misleading', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-41418']}
predictions = {'claim_text': 'IPCC graph showing accelerating trends is
misleading', 'evidences': ['evidence-619075', 'evidence-376376',
'evidence-1101250', 'evidence-526818', 'evidence-451121']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0
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groundtruth = {'claim_text': 'We have had ice ages and warmer periods when
alligators were found in Spitzbergen.', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-224942', 'evidence-1113919']}
predictions = {'claim_text': 'We have had ice ages and warmer periods when
alligators were found in Spitzbergen.', 'evidences': []}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '[Ice] is expanding in much of Antarctica, contrary
to the widespread public belief that global warming is melting the continental
ice cap.', 'claim_label': 'DISPUTED', 'evidences': ['evidence-728645',
'evidence-1170460']}
predictions = {'claim_text': '[Ice] is expanding in much of Antarctica, contrary
to the widespread public belief that global warming is melting the continental
ice cap.', 'evidences': ['evidence-1051569', 'evidence-763773',
'evidence-817497', 'evidence-110772', 'evidence-332148']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The majority of peer reviewed research at the time
predicted warming due to increasing CO2.', 'claim_label': 'SUPPORTS',
'evidences': ['evidence-976285']}
predictions = {'claim_text': 'The majority of peer reviewed research at the time
predicted warming due to increasing CO2.', 'evidences': ['evidence-316367',
'evidence-979339', 'evidence-885209', 'evidence-119592', 'evidence-1152792']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The CO2 amplifies the warming and mixes through
the atmosphere, spreading warming throughout the planet.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-993522', 'evidence-1007525',
'evidence-368192', 'evidence-991415']}
predictions = {'claim_text': 'The CO2 amplifies the warming and mixes through
the atmosphere, spreading warming throughout the planet.', 'evidences':
['evidence-1006450', 'evidence-758799', 'evidence-929706', 'evidence-611178',
'evidence-481658']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0
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groundtruth = {'claim_text': "Some global warming 'skeptics' argue that the
Earth's climate sensitivity is so low that a doubling of atmospheric CO2 will
result in a surface temperature change on the order of 1°C or less, and that
therefore global warming is nothing to worry about.", 'claim_label': 'REFUTES',
'evidences': ['evidence-692256', 'evidence-1049371']}
predictions = {'claim_text': "Some global warming 'skeptics' argue that the
Earth's climate sensitivity is so low that a doubling of atmospheric CO2 will
result in a surface temperature change on the order of 1°C or less, and that
therefore global warming is nothing to worry about.", 'evidences':
['evidence-1122793', 'evidence-827004', 'evidence-190653', 'evidence-27377',
'evidence-491579']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '[…] Constant 24-7  media coverage of every
significant storm worldwide just makes it seem  that way."', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-754084', 'evidence-940616']}
predictions = {'claim_text': '[…] Constant 24-7  media coverage of every
significant storm worldwide just makes it seem  that way."', 'evidences':
['evidence-52911', 'evidence-291968', 'evidence-129503', 'evidence-6112',
'evidence-761993']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'While there are isolated cases of growing
glaciers, the overwhelming trend in glaciers worldwide is retreat.',
'claim_label': 'SUPPORTS', 'evidences': ['evidence-797867', 'evidence-152443',
'evidence-272489', 'evidence-947076']}
predictions = {'claim_text': 'While there are isolated cases of growing
glaciers, the overwhelming trend in glaciers worldwide is retreat.',
'evidences': ['evidence-205384', 'evidence-672121', 'evidence-986350',
'evidence-776166', 'evidence-771238']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '"Austria is today seeing its earliest snowfall in
history with 30 to 40 centimetres already predicted in the mountains.',
'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-163344',
'evidence-612818', 'evidence-208322', 'evidence-776430', 'evidence-977782']}
predictions = {'claim_text': '"Austria is today seeing its earliest snowfall in
history with 30 to 40 centimetres already predicted in the mountains.',
'evidences': ['evidence-1116814', 'evidence-493896', 'evidence-212762',
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'evidence-530480', 'evidence-1125495']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '"In 2007, the Northern Hemisphere reached a record
low in ice coverage and the Northwest Passage was opened.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-1017927', 'evidence-956029',
'evidence-29644', 'evidence-1079662']}
predictions = {'claim_text': '"In 2007, the Northern Hemisphere reached a record
low in ice coverage and the Northwest Passage was opened.', 'evidences':
['evidence-693807', 'evidence-707918', 'evidence-49654', 'evidence-216542',
'evidence-1066662']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Satellite measurements of infrared spectra over
the past 40 years observe less energy escaping to space at the wavelengths
associated with CO2.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-327103', 'evidence-740261', 'evidence-1085966', 'evidence-701021',
'evidence-472543']}
predictions = {'claim_text': 'Satellite measurements of infrared spectra over
the past 40 years observe less energy escaping to space at the wavelengths
associated with CO2.', 'evidences': ['evidence-504117', 'evidence-1123177',
'evidence-1139479', 'evidence-599055', 'evidence-577890']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'While the greenhouse effect is a natural
occurence, too much warming has severe negative impacts on agriculture, health
and environment.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-1047395',
'evidence-398589', 'evidence-1122962', 'evidence-504446', 'evidence-298450']}
predictions = {'claim_text': 'While the greenhouse effect is a natural
occurence, too much warming has severe negative impacts on agriculture, health
and environment.', 'evidences': ['evidence-944007', 'evidence-5381',
'evidence-108389', 'evidence-93642', 'evidence-473811']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '\'To suddenly label CO2 as a "pollutant" is a
disservice to a gas that has played an enormous role in the development and
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sustainability of all life on this wonderful Earth.', 'claim_label': 'REFUTES',
'evidences': ['evidence-409365', 'evidence-127519', 'evidence-852573',
'evidence-1022738']}
predictions = {'claim_text': '\'To suddenly label CO2 as a "pollutant" is a
disservice to a gas that has played an enormous role in the development and
sustainability of all life on this wonderful Earth.', 'evidences':
['evidence-113113', 'evidence-442954', 'evidence-285904', 'evidence-713044',
'evidence-32423']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': '"Twentieth century global warming did not start
until 1910.', 'claim_label': 'REFUTES', 'evidences': ['evidence-697238']}
predictions = {'claim_text': '"Twentieth century global warming did not start
until 1910.', 'evidences': ['evidence-1093172', 'evidence-801178',
'evidence-959844', 'evidence-289045', 'evidence-355346']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'With 32 years of rapidly increasing global
temperatures and only a minor increase in global CO2 emissions, followed by 33
years of slowly cooling global temperatures with rapid increases in global CO2
emissions, it was deceitful for the IPCC to make any claim that CO2 emissions
were primarily responsible for observed 20th century global warming."',
'claim_label': 'REFUTES', 'evidences': ['evidence-755175', 'evidence-1202023',
'evidence-483558']}
predictions = {'claim_text': 'With 32 years of rapidly increasing global
temperatures and only a minor increase in global CO2 emissions, followed by 33
years of slowly cooling global temperatures with rapid increases in global CO2
emissions, it was deceitful for the IPCC to make any claim that CO2 emissions
were primarily responsible for observed 20th century global warming."',
'evidences': ['evidence-1099186', 'evidence-278454', 'evidence-433622',
'evidence-269919', 'evidence-91099']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'Furthermore, it is physically incorrect to state
that the planet is simply "recovering" from the Little Ice Age.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-494148']}
predictions = {'claim_text': 'Furthermore, it is physically incorrect to state
that the planet is simply "recovering" from the Little Ice Age.', 'evidences':
['evidence-1019746', 'evidence-422200', 'evidence-1137454', 'evidence-331345',

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'evidence-207343']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '(Kerr 2007) points out that the sunlight-
reflecting haze that cools much of the planet seems to have thinned over the
past decade or so.', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-220532']}
predictions = {'claim_text': '(Kerr 2007) points out that the sunlight-
reflecting haze that cools much of the planet seems to have thinned over the
past decade or so.', 'evidences': ['evidence-616564', 'evidence-996584',
'evidence-1201952', 'evidence-401235', 'evidence-166647']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': "Without the forests' humidity, previously
moisture-laden winds blew dry.", 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-193559', 'evidence-935441', 'evidence-1051806', 'evidence-482305',
'evidence-335697']}
predictions = {'claim_text': "Without the forests' humidity, previously
moisture-laden winds blew dry.", 'evidences': ['evidence-418893',
'evidence-208717', 'evidence-357726', 'evidence-783', 'evidence-71523']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'On a world scale coral reefs are in decline.',
'claim_label': 'SUPPORTS', 'evidences': ['evidence-369389', 'evidence-406279',
'evidence-292123', 'evidence-886566', 'evidence-580567']}
predictions = {'claim_text': 'On a world scale coral reefs are in decline.',
'evidences': ['evidence-331921', 'evidence-1161994', 'evidence-257034',
'evidence-407004', 'evidence-220190']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '"Three recent articles give us reason to question
the alarmists' claims  that coral reefs are in deep trouble due to the buildup
of greenhouse  gases." (World Climate Report)', 'claim_label':
'NOT_ENOUGH_INFO', 'evidences': ['evidence-663642', 'evidence-463557',
'evidence-469998', 'evidence-511848', 'evidence-338219']}
predictions = {'claim_text': '"Three recent articles give us reason to question
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the alarmists' claims that coral reefs are in deep trouble due to the buildup of greenhouse gases." (World Climate Report)', 'evidences': ['evidence-757447', 'evidence-386915', 'evidence-629924', 'evidence-633104', 'evidence-460724']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'Over the past 250 years, humans have added just one part of CO2 in 10,000 to the atmosphere.', 'claim_label': 'REFUTES', 'evidences': ['evidence-861762', 'evidence-788947', 'evidence-252580']}
predictions = {'claim_text': 'Over the past 250 years, humans have added just one part of CO2 in 10,000 to the atmosphere.', 'evidences': ['evidence-457889', 'evidence-676433', 'evidence-1051708', 'evidence-618811', 'evidence-552235']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'Volcanoes emit around 0.3 billion tonnes of CO2 per year.', 'claim_label': 'DISPUTED', 'evidences': ['evidence-15399', 'evidence-243372']}
predictions = {'claim_text': 'Volcanoes emit around 0.3 billion tonnes of CO2 per year.', 'evidences': ['evidence-446221', 'evidence-1031822', 'evidence-723964', 'evidence-699771', 'evidence-290948']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': '"Each unit of CO2 you put into the atmosphere has less and less of a warming impact.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-827004', 'evidence-677057', 'evidence-1169593', 'evidence-1099186', 'evidence-178206']}
predictions = {'claim_text': '"Each unit of CO2 you put into the atmosphere has less and less of a warming impact.', 'evidences': ['evidence-352824', 'evidence-542292', 'evidence-890462', 'evidence-71735', 'evidence-441037']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': '[T]he study indicates "Greenland's ice may be less susceptible to the massive meltdown predicted by computer models of climate change, the main author … said in an interview. …', 'claim_label': 'REFUTES', 'evidences': ['evidence-857269', 'evidence-797161']}
predictions = {'claim_text': '[T]he study indicates "Greenland's ice may be less susceptible to the massive meltdown predicted by computer models of climate

change, the main author … said in an interview. …', 'evidences':
['evidence-827012', 'evidence-1106378', 'evidence-8234', 'evidence-1190479',
'evidence-1003706']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'Individual carbon dioxide molecules have a short
life time of around 5 years in the atmosphere.', 'claim_label': 'REFUTES',
'evidences': ['evidence-185746', 'evidence-801956', 'evidence-938381']}
predictions = {'claim_text': 'Individual carbon dioxide molecules have a short
life time of around 5 years in the atmosphere.', 'evidences': ['evidence-73808',
'evidence-308426', 'evidence-789725', 'evidence-1087867', 'evidence-814678']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'in 1995 one scientist at the IPCC - Jonathan
Overpeck - wrote an email to a colleague claiming 'we have to get rid of the
Medieval Warm Period.'', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-112875', 'evidence-33543', 'evidence-974202', 'evidence-332770',
'evidence-32121']}
predictions = {'claim_text': 'in 1995 one scientist at the IPCC - Jonathan
Overpeck - wrote an email to a colleague claiming 'we have to get rid of the
Medieval Warm Period.'', 'evidences': ['evidence-545691', 'evidence-989545',
'evidence-974202', 'evidence-473088', 'evidence-531979']}
evidence recall = 0.2
evidence precision = 0.2
evidence fscore = 0.20000000000000004

groundtruth = {'claim_text': 'The final amount of extra CO2 that remains in the
atmosphere stays there on a time scale of centuries.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-1205623', 'evidence-620559',
'evidence-20807']}
predictions = {'claim_text': 'The final amount of extra CO2 that remains in the
atmosphere stays there on a time scale of centuries.', 'evidences':
['evidence-1043526', 'evidence-148558', 'evidence-393408', 'evidence-15775',
'evidence-344132']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'The "decline" refers to a decline in northern
tree-rings, not global temperature, and is openly discussed in papers and the

IPCC reports.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-224185',
'evidence-267910', 'evidence-736392']}
predictions = {'claim_text': 'The "decline" refers to a decline in northern
tree-rings, not global temperature, and is openly discussed in papers and the
IPCC reports.', 'evidences': ['evidence-262827', 'evidence-567076',
'evidence-374084', 'evidence-1126886', 'evidence-344321']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'The IPCC no longer includes the 'Hockey stick'
chart in its reports.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-380933', 'evidence-281372', 'evidence-327755', 'evidence-794055',
'evidence-1085447']}
predictions = {'claim_text': 'The IPCC no longer includes the 'Hockey stick'
chart in its reports.', 'evidences': ['evidence-794055', 'evidence-1040995',
'evidence-327755', 'evidence-404348', 'evidence-323994']}
evidence recall = 0.4
evidence precision = 0.4
evidence fscore = 0.4000000000000001

groundtruth = {'claim_text': '"…there is the contention by Wolfgang Knorr of
the Department of Earth Sciences at the University of Bristol in England that
carbon dioxide levels in the atmosphere are about where they were 160 years
ago." (as quoted by Ken Ward Jr.)', 'claim_label': 'REFUTES', 'evidences':
['evidence-450316', 'evidence-657496', 'evidence-962456', 'evidence-800880']}
predictions = {'claim_text': '"…there is the contention by Wolfgang Knorr of
the Department of Earth Sciences at the University of Bristol in England that
carbon dioxide levels in the atmosphere are about where they were 160 years
ago." (as quoted by Ken Ward Jr.)', 'evidences': ['evidence-635378',
'evidence-1034835', 'evidence-763237', 'evidence-609211', 'evidence-639330']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': '"The solubility of carbon dioxide in water is
listed in the Handbook of Chemistry and Physics as a declining function of
temperature. …', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-1082891', 'evidence-411794', 'evidence-73808', 'evidence-558397',
'evidence-583134']}
predictions = {'claim_text': '"The solubility of carbon dioxide in water is
listed in the Handbook of Chemistry and Physics as a declining function of
temperature. …', 'evidences': ['evidence-1011994', 'evidence-231901',
'evidence-250509', 'evidence-450619', 'evidence-617746']}
evidence recall = 0.0

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evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': "There are a myriad of other radiative forcings
that affect the planet's energy imbalance.", 'claim_label': 'SUPPORTS',
'evidences': ['evidence-1190716', 'evidence-2462', 'evidence-814421',
'evidence-968110', 'evidence-1106814']}
predictions = {'claim_text': "There are a myriad of other radiative forcings
that affect the planet's energy imbalance.", 'evidences': ['evidence-207343',
'evidence-17486', 'evidence-574082', 'evidence-422200', 'evidence-1092677']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The long term trend from albedo is that of
cooling.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-695602',
'evidence-458452', 'evidence-1075210']}
predictions = {'claim_text': 'The long term trend from albedo is that of
cooling.', 'evidences': ['evidence-390216', 'evidence-621065',
'evidence-260574', 'evidence-329363', 'evidence-1003753']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': "Hansen's 1988 results are evidence that the actual
climate sensitivity is about 3°C for a doubling of atmospheric CO2.",
'claim_label': 'DISPUTED', 'evidences': ['evidence-632574', 'evidence-918450',
'evidence-692256']}
predictions = {'claim_text': "Hansen's 1988 results are evidence that the actual
climate sensitivity is about 3°C for a doubling of atmospheric CO2.",
'evidences': ['evidence-260574', 'evidence-399273', 'evidence-298630',
'evidence-300088', 'evidence-236761']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Had he used the currently accepted value of
approximately 3°C warming for a doubling of atmospheric CO2, Hansen would have
correctly projected the ensuing global warming.', 'claim_label': 'SUPPORTS',
'evidences': ['evidence-210167']}
predictions = {'claim_text': 'Had he used the currently accepted value of
approximately 3°C warming for a doubling of atmospheric CO2, Hansen would have
correctly projected the ensuing global warming.', 'evidences':
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'evidence-475230']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The motions of the massive oceans where heat is
moved between deep layers and the surface provides variability on time scales
from years to centuries.', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-383714', 'evidence-94747', 'evidence-213245']}
predictions = {'claim_text': 'The motions of the massive oceans where heat is
moved between deep layers and the surface provides variability on time scales
from years to centuries.', 'evidences': ['evidence-163450', 'evidence-107116',
'evidence-944109', 'evidence-492536', 'evidence-933036']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'In an interview with the BBC after the scandal
broke, Dr Jones admitted there had been no statistically significant global
warming since 1995', 'claim_label': 'DISPUTED', 'evidences': ['evidence-18549',
'evidence-298772', 'evidence-509654']}
predictions = {'claim_text': 'In an interview with the BBC after the scandal
broke, Dr Jones admitted there had been no statistically significant global
warming since 1995', 'evidences': ['evidence-1023462', 'evidence-55783',
'evidence-621138', 'evidence-256785', 'evidence-97746']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'In fact, the authors go on to estimate climate
sensitivity from their findings, calculate a value between 2.3 to 4.1°C.',
'claim_label': 'DISPUTED', 'evidences': ['evidence-679700', 'evidence-158204',
'evidence-1049371', 'evidence-358515', 'evidence-920160']}
predictions = {'claim_text': 'In fact, the authors go on to estimate climate
sensitivity from their findings, calculate a value between 2.3 to 4.1°C.',
'evidences': ['evidence-635308', 'evidence-433622', 'evidence-987383',
'evidence-598356', 'evidence-158204']}
evidence recall = 0.2
evidence precision = 0.2
evidence fscore = 0.20000000000000004


groundtruth = {'claim_text': 'More importantly, the OISM list only contains 39
scientists who specialise in climate science.', 'claim_label':
'NOT_ENOUGH_INFO', 'evidences': ['evidence-572386', 'evidence-596256',
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'evidence-363528', 'evidence-1161865', 'evidence-676759']}
predictions = {'claim_text': 'More importantly, the OISM list only contains 39
scientists who specialise in climate science.', 'evidences':
['evidence-880742']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': "Skeptics who oppose scientific findings that
threaten their world view are far closer to Galileo's belief-based critics in
the Catholic Church.", 'claim_label': 'SUPPORTS', 'evidences': ['evidence-392',
'evidence-1091064', 'evidence-847727']}
predictions = {'claim_text': "Skeptics who oppose scientific findings that
threaten their world view are far closer to Galileo's belief-based critics in
the Catholic Church.", 'evidences': ['evidence-202208', 'evidence-887617',
'evidence-178594', 'evidence-971841', 'evidence-702483']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Trenberth\'s views are clarified in the paper "An
imperative for climate change planning: tracking Earth\'s global energy".',
'claim_label': 'SUPPORTS', 'evidences': ['evidence-363958']}
predictions = {'claim_text': 'Trenberth\'s views are clarified in the paper "An
imperative for climate change planning: tracking Earth\'s global energy".',
'evidences': ['evidence-3085', 'evidence-462933', 'evidence-363958']}
evidence recall = 1.0
evidence precision = 0.3333333333333333
evidence fscore = 0.5


groundtruth = {'claim_text': 'Heat is continuing to build up in the subsurface
ocean.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-742886',
'evidence-131135', 'evidence-71710', 'evidence-1020632', 'evidence-674318']}
predictions = {'claim_text': 'Heat is continuing to build up in the subsurface
ocean.', 'evidences': ['evidence-255240', 'evidence-1150951', 'evidence-713104',
'evidence-846635', 'evidence-472876']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The latest  measurements involve the use of
satellite gravimetry, estimating  the mass of terrain beneath by detecting
slight changes in gravity as a  satellite passes overhead.', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-8627', 'evidence-81511']}
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predictions = {'claim_text': 'The latest  measurements involve the use of
satellite gravimetry, estimating  the mass of terrain beneath by detecting
slight changes in gravity as a  satellite passes overhead.', 'evidences':
['evidence-1125702', 'evidence-12633', 'evidence-836857', 'evidence-866265',
'evidence-153118']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Water vapor helps trap heat, and is a far the
strongest of the major greenhouse gases, contributing 36-72 percent of the
greenhouse effect.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-909112',
'evidence-706949']}
predictions = {'claim_text': 'Water vapor helps trap heat, and is a far the
strongest of the major greenhouse gases, contributing 36-72 percent of the
greenhouse effect.', 'evidences': ['evidence-556098', 'evidence-368342',
'evidence-274044', 'evidence-1057929', 'evidence-1078011']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Once natural influences, in particular the impact
of El Niño and La Niña, are removed from the recent termperature record, there
is no evidence of a significant change in the human contribution to climate
change.', 'claim_label': 'DISPUTED', 'evidences': ['evidence-1187937',
'evidence-881808', 'evidence-338219']}
predictions = {'claim_text': 'Once natural influences, in particular the impact
of El Niño and La Niña, are removed from the recent termperature record, there
is no evidence of a significant change in the human contribution to climate
change.', 'evidences': ['evidence-225191', 'evidence-3198', 'evidence-82492',
'evidence-1105580', 'evidence-881808']}
evidence recall = 0.3333333333333333
evidence precision = 0.2
evidence fscore = 0.25


groundtruth = {'claim_text': "'Another global warming myth comes crashing
down.", 'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-780841',
'evidence-53215', 'evidence-240527', 'evidence-1068590', 'evidence-588917']}
predictions = {'claim_text': "'Another global warming myth comes crashing
down.", 'evidences': ['evidence-396628', 'evidence-35625', 'evidence-130761',
'evidence-298', 'evidence-391544']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0
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groundtruth = {'claim_text': 'Continued greenhouse gas emissions at or above
current rates would cause further warming and induce many changes in the global
climate system during the 21st century that would very likely be larger than
those observed during the 20th century.', 'claim_label': 'SUPPORTS',
'evidences': ['evidence-504415']}
predictions = {'claim_text': 'Continued greenhouse gas emissions at or above
current rates would cause further warming and induce many changes in the global
climate system during the 21st century that would very likely be larger than
those observed during the 20th century.', 'evidences': ['evidence-278454',
'evidence-709669', 'evidence-1114420', 'evidence-288193', 'evidence-442401']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'So this is a government which is proposing to put
at risk our manufacturing industry, to penalise struggling families, to make a
tough situation worse for millions of households right around Australia.',
'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-137771',
'evidence-100483', 'evidence-617690', 'evidence-462483', 'evidence-222747']}
predictions = {'claim_text': 'So this is a government which is proposing to put
at risk our manufacturing industry, to penalise struggling families, to make a
tough situation worse for millions of households right around Australia.',
'evidences': ['evidence-222747', 'evidence-325077', 'evidence-56698',
'evidence-582994', 'evidence-1069918']}
evidence recall = 0.2
evidence precision = 0.2
evidence fscore = 0.20000000000000004


groundtruth = {'claim_text': "Multiple lines of evidence indicate Greenland's
ice loss is accelerating and will contribute sea level rise in the order of
metres over the next few centuries.", 'claim_label': 'SUPPORTS', 'evidences':
['evidence-59240', 'evidence-391045', 'evidence-123917']}
predictions = {'claim_text': "Multiple lines of evidence indicate Greenland's
ice loss is accelerating and will contribute sea level rise in the order of
metres over the next few centuries.", 'evidences': ['evidence-1082816',
'evidence-820522', 'evidence-154388', 'evidence-673268', 'evidence-368819']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Global Warming history completely coincides with
the history of artificial satellites and the use of microwave frequencies from
outer space.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-917344', 'evidence-866933', 'evidence-520355', 'evidence-927151',
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'evidence-20748']}
predictions = {'claim_text': 'Global Warming history completely coincides with
the history of artificial satellites and the use of microwave frequencies from
outer space.', 'evidences': ['evidence-940169', 'evidence-122399',
'evidence-183385', 'evidence-865726', 'evidence-661746']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'the models predicted seven times as much warming
as has been observed', 'claim_label': 'DISPUTED', 'evidences':
['evidence-733847', 'evidence-980959', 'evidence-368241']}
predictions = {'claim_text': 'the models predicted seven times as much warming
as has been observed', 'evidences': ['evidence-1149375', 'evidence-621065',
'evidence-644156', 'evidence-863843', 'evidence-456000']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'But each serial adjustment has tended to make the
early years colder, which increases the warming trend.', 'claim_label':
'NOT_ENOUGH_INFO', 'evidences': ['evidence-138622', 'evidence-584709',
'evidence-1189271', 'evidence-561696', 'evidence-311416']}
predictions = {'claim_text': 'But each serial adjustment has tended to make the
early years colder, which increases the warming trend.', 'evidences':
['evidence-1021635', 'evidence-355267', 'evidence-905697', 'evidence-338032',
'evidence-695602']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'While members of the media may nod along to such
claims [about changes in weather extremes], the evidence paints a different
story', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-817269',
'evidence-246671']}
predictions = {'claim_text': 'While members of the media may nod along to such
claims [about changes in weather extremes], the evidence paints a different
story', 'evidences': ['evidence-948336', 'evidence-1124727', 'evidence-881042',
'evidence-889755', 'evidence-1040166']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Nor is there evidence of an increase in floods
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globally.', 'claim_label': 'REFUTES', 'evidences': ['evidence-323541',
'evidence-636631']}
predictions = {'claim_text': 'Nor is there evidence of an increase in floods
globally.', 'evidences': ['evidence-393334', 'evidence-401042', 'evidence-6112',
'evidence-291968', 'evidence-817497']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The most recent IPCC report lays out a future if
we limit global heating to 1.5°C instead of the Paris Agreement's 2°C.',
'claim_label': 'DISPUTED', 'evidences': ['evidence-853312', 'evidence-839100',
'evidence-46356', 'evidence-994667']}
predictions = {'claim_text': 'The most recent IPCC report lays out a future if
we limit global heating to 1.5°C instead of the Paris Agreement's 2°C.',
'evidences': ['evidence-1163873', 'evidence-713904', 'evidence-447345',
'evidence-878701', 'evidence-259009']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'By 2050 there's a scientific consensus that we
reached the tipping point for ice sheets in Greenland and the West Antarctic',
'claim_label': 'SUPPORTS', 'evidences': ['evidence-783884', 'evidence-411817']}
predictions = {'claim_text': 'By 2050 there's a scientific consensus that we
reached the tipping point for ice sheets in Greenland and the West Antarctic',
'evidences': ['evidence-62286', 'evidence-558406', 'evidence-1078050',
'evidence-19306', 'evidence-443636']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'when 3 per cent of total annual global emissions
of carbon dioxide are from humans and Australia prod\xaduces 1.3 per cent of
this 3 per cent, then no amount of emissions reductio\xadn here will have any
effect on global climate.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-996421', 'evidence-1080858', 'evidence-208053', 'evidence-699212',
'evidence-832334']}
predictions = {'claim_text': 'when 3 per cent of total annual global emissions
of carbon dioxide are from humans and Australia prod\xaduces 1.3 per cent of
this 3 per cent, then no amount of emissions reductio\xadn here will have any
effect on global climate.', 'evidences': ['evidence-241754', 'evidence-874622',
'evidence-109851', 'evidence-1136965', 'evidence-1170010']}
evidence recall = 0.0
evidence precision = 0.0
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evidence fscore = 0.0


groundtruth = {'claim_text': 'Scientists studying Antarctica sea ice warn a rise
in accumulation could spark the next ice age.', 'claim_label': 'REFUTES',
'evidences': ['evidence-591257']}
predictions = {'claim_text': 'Scientists studying Antarctica sea ice warn a rise
in accumulation could spark the next ice age.', 'evidences':
['evidence-1156212', 'evidence-586537', 'evidence-116639', 'evidence-976435',
'evidence-614176']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Renew\xadables such as wind turbines are
environmentally disastrous because they pollute a huge land area, slice and dice
birds and bats, kill insects that are bird food, create health problems for
humans who live within kilometres of them, leave toxins around the turbine site
and despoil the landscape.', 'claim_label': 'REFUTES', 'evidences':
['evidence-555861']}
predictions = {'claim_text': 'Renew\xadables such as wind turbines are
environmentally disastrous because they pollute a huge land area, slice and dice
birds and bats, kill insects that are bird food, create health problems for
humans who live within kilometres of them, leave toxins around the turbine site
and despoil the landscape.', 'evidences': ['evidence-793477',
'evidence-1019514', 'evidence-138301', 'evidence-753010', 'evidence-573748']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'a study that totally debunks the whole concept of
man-made Global Warming', 'claim_label': 'REFUTES', 'evidences':
['evidence-724010', 'evidence-846906', 'evidence-1007867']}
predictions = {'claim_text': 'a study that totally debunks the whole concept of
man-made Global Warming', 'evidences': ['evidence-807986', 'evidence-586720',
'evidence-944887', 'evidence-1092546', 'evidence-5724']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '"Today climate scientists are obsessed with the
level of carbon dioxide in the atmosphere, a very very small part of the overall
picture.', 'claim_label': 'REFUTES', 'evidences': ['evidence-555729']}
predictions = {'claim_text': '"Today climate scientists are obsessed with the
level of carbon dioxide in the atmosphere, a very very small part of the overall
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picture.', 'evidences': ['evidence-551522', 'evidence-1045395',
'evidence-609211', 'evidence-559290', 'evidence-293346']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Carbon dioxide is a trace gas."', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-1190705']}
predictions = {'claim_text': 'Carbon dioxide is a trace gas."', 'evidences':
['evidence-362643', 'evidence-293346', 'evidence-945528', 'evidence-1047887',
'evidence-316364']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Protecting and restoring forests would reduce 18%
of emissions by 2030', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences':
['evidence-890810', 'evidence-328157', 'evidence-347403', 'evidence-594952',
'evidence-609211']}
predictions = {'claim_text': 'Protecting and restoring forests would reduce 18%
of emissions by 2030', 'evidences': []}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'IPCC report warning last week the world is
"nowhere near on track" to meet its Paris commitments', 'claim_label':
'SUPPORTS', 'evidences': ['evidence-225934', 'evidence-432573',
'evidence-1046773']}
predictions = {'claim_text': 'IPCC report warning last week the world is
"nowhere near on track" to meet its Paris commitments', 'evidences':
['evidence-1174708', 'evidence-1157616', 'evidence-507057', 'evidence-902107',
'evidence-1052408']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'But like most claims regarding global warming, the
real effect is small, probably temporary, and most likely due to natural weather
patterns', 'claim_label': 'DISPUTED', 'evidences': ['evidence-896442',
'evidence-504446', 'evidence-128422', 'evidence-479999', 'evidence-1091550']}
predictions = {'claim_text': 'But like most claims regarding global warming, the
real effect is small, probably temporary, and most likely due to natural weather
patterns', 'evidences': ['evidence-853782', 'evidence-34759', 'evidence-24687',
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'evidence-288886', 'evidence-989545']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'More than 100 climate models over the past 30
years did not predict what actually happened because it was assumed carbon
dioxide had the pivotal role in driving climate change and that the effects of
clouds, back-radiation and the sun were trivial.', 'claim_label':
'NOT_ENOUGH_INFO', 'evidences': ['evidence-1199931', 'evidence-510347',
'evidence-1057489', 'evidence-100394', 'evidence-1197833']}
predictions = {'claim_text': 'More than 100 climate models over the past 30
years did not predict what actually happened because it was assumed carbon
dioxide had the pivotal role in driving climate change and that the effects of
clouds, back-radiation and the sun were trivial.', 'evidences':
['evidence-150483', 'evidence-218385', 'evidence-163450', 'evidence-950498',
'evidence-823476']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'South Australia is winning: it has the most
unreliable grid in the world outside Africa and the most expensive
electricity.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-67732']}
predictions = {'claim_text': 'South Australia is winning: it has the most
unreliable grid in the world outside Africa and the most expensive
electricity.', 'evidences': ['evidence-763391', 'evidence-677610',
'evidence-835041', 'evidence-780332', 'evidence-693623']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The heatwave we now have in Europe is not
something that was expected with just 1C of warming', 'claim_label': 'SUPPORTS',
'evidences': ['evidence-353209', 'evidence-1194725', 'evidence-1067217',
'evidence-556258', 'evidence-119750']}
predictions = {'claim_text': 'The heatwave we now have in Europe is not
something that was expected with just 1C of warming', 'evidences':
['evidence-244106', 'evidence-1080907', 'evidence-553355', 'evidence-512115',
'evidence-276220']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0
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groundtruth = {'claim_text': 'And there is a lot of evidence that climate change
is diminishing biodiversity, which can be seen in these alpine meadows as
well.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-1047048',
'evidence-109104', 'evidence-885423', 'evidence-942611']}
predictions = {'claim_text': 'And there is a lot of evidence that climate change
is diminishing biodiversity, which can be seen in these alpine meadows as
well.', 'evidences': ['evidence-154526', 'evidence-849599', 'evidence-798800',
'evidence-442418', 'evidence-963926']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '‘If we do nothing to reduce our greenhouse gas
emissions, the kind of extreme heat we saw this past summer will be the norm
when my young son is a grown man.’', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-960067']}
predictions = {'claim_text': '‘If we do nothing to reduce our greenhouse gas
emissions, the kind of extreme heat we saw this past summer will be the norm
when my young son is a grown man.’', 'evidences': ['evidence-1124385',
'evidence-600745', 'evidence-503374', 'evidence-1111319', 'evidence-1148684']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'That’s because as Antarctica’s mass shrinks, the
ice sheet’s gravitational pull on the ocean relaxes somewhat, and the seas
travel back across the globe to pile up far away - with U.S. coasts being one
prime destination."', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-557585']}
predictions = {'claim_text': 'That’s because as Antarctica’s mass shrinks, the
ice sheet’s gravitational pull on the ocean relaxes somewhat, and the seas
travel back across the globe to pile up far away - with U.S. coasts being one
prime destination."', 'evidences': ['evidence-344678', 'evidence-810957',
'evidence-539675', 'evidence-511925', 'evidence-942914']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The noted oceanographer Walter Munk referred to
sea-level rise as an "enigma"', 'claim_label': 'DISPUTED', 'evidences':
['evidence-584943', 'evidence-965161']}
predictions = {'claim_text': 'The noted oceanographer Walter Munk referred to
sea-level rise as an "enigma"', 'evidences': ['evidence-737293',
'evidence-471767', 'evidence-765786', 'evidence-372344', 'evidence-383093']}
evidence recall = 0.0
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evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'many scientists were surprised when other
researchers subsequently found that ringed and bearded seals (the primary prey
of polar bears) north of the Bering Strait especially thrived with a longer
open-water season, which is particularly conducive to fishing', 'claim_label':
'NOT_ENOUGH_INFO', 'evidences': ['evidence-1105120', 'evidence-143437',
'evidence-133419', 'evidence-726838', 'evidence-578925']}
predictions = {'claim_text': 'many scientists were surprised when other
researchers subsequently found that ringed and bearded seals (the primary prey
of polar bears) north of the Bering Strait especially thrived with a longer
open-water season, which is particularly conducive to fishing', 'evidences':
['evidence-92304', 'evidence-726838', 'evidence-578925', 'evidence-300945',
'evidence-354620']}
evidence recall = 0.4
evidence precision = 0.4
evidence fscore = 0.4000000000000001


groundtruth = {'claim_text': '"Which is to say that these beans will be eaten by
cows, and the cows will convert the beans to meat, and the humans will eat the
meat.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-459277',
'evidence-1079220', 'evidence-368638', 'evidence-1193739', 'evidence-474026']}
predictions = {'claim_text': '"Which is to say that these beans will be eaten by
cows, and the cows will convert the beans to meat, and the humans will eat the
meat.', 'evidences': ['evidence-487826', 'evidence-268506', 'evidence-842276',
'evidence-842511', 'evidence-1072166']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'A recent study led by Lawrence Livermore National
Laboratory climate scientist Ben Santer found that while the models ran hot, the
'overestimation' was 'partly due to systematic deficiencies in some of the
post-2000 external forcings used in the model simulations.'', 'claim_label':
'REFUTES', 'evidences': ['evidence-660755']}
predictions = {'claim_text': 'A recent study led by Lawrence Livermore National
Laboratory climate scientist Ben Santer found that while the models ran hot, the
'overestimation' was 'partly due to systematic deficiencies in some of the
post-2000 external forcings used in the model simulations.'', 'evidences':
['evidence-601065', 'evidence-272162', 'evidence-1134905', 'evidence-4655',
'evidence-1823']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0
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groundtruth = {'claim_text': 'Global human emissions are only 3 per cent of
total annual emissions.', 'claim_label': 'REFUTES', 'evidences':
['evidence-556098', 'evidence-215052']}
predictions = {'claim_text': 'Global human emissions are only 3 per cent of
total annual emissions.', 'evidences': ['evidence-78654', 'evidence-116371',
'evidence-5606', 'evidence-124990', 'evidence-359256']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'The science is clear, climate change is making
extreme weather events, including tornadoes, worse.', 'claim_label': 'SUPPORTS',
'evidences': ['evidence-940688', 'evidence-985094', 'evidence-8304',
'evidence-653981', 'evidence-789848']}
predictions = {'claim_text': 'The science is clear, climate change is making
extreme weather events, including tornadoes, worse.', 'evidences':
['evidence-1102346', 'evidence-55783', 'evidence-1063308', 'evidence-319477',
'evidence-524865']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '[South Australia] has the most expensive
electricity in the world.', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-67732', 'evidence-572512']}
predictions = {'claim_text': '[South Australia] has the most expensive
electricity in the world.', 'evidences': ['evidence-30796', 'evidence-1122436',
'evidence-169767', 'evidence-6646', 'evidence-927023']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'Australia's signed a suicide note [with the Paris
Accord] yet didn't seem to notice that China, India, Indonesia and the US did
not commit to reducing their large carbon dioxide emissions.', 'claim_label':
'DISPUTED', 'evidences': ['evidence-901598', 'evidence-719544',
'evidence-229230']}
predictions = {'claim_text': 'Australia's signed a suicide note [with the Paris
Accord] yet didn't seem to notice that China, India, Indonesia and the US did
not commit to reducing their large carbon dioxide emissions.', 'evidences':
['evidence-719544', 'evidence-901598', 'evidence-965748', 'evidence-121187',
'evidence-526356']}
evidence recall = 0.6666666666666666
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evidence precision = 0.4
evidence fscore = 0.5



groundtruth = {'claim_text': 'The grasslands, crops, forests and territorial
waters of Australia absorb more carbon dioxide than Australia emits.',
'claim_label': 'DISPUTED', 'evidences': ['evidence-682087', 'evidence-744771',
'evidence-352796', 'evidence-173055']}
predictions = {'claim_text': 'The grasslands, crops, forests and territorial
waters of Australia absorb more carbon dioxide than Australia emits.',
'evidences': ['evidence-681139', 'evidence-946350', 'evidence-250509',
'evidence-433584', 'evidence-921025']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0



groundtruth = {'claim_text': '[Riebesell] is a world authority on the topic and
has typically communicated cautiously about the effects of acidification.',
'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-1129386',
'evidence-456747', 'evidence-625922', 'evidence-590068', 'evidence-741718']}
predictions = {'claim_text': '[Riebesell] is a world authority on the topic and
has typically communicated cautiously about the effects of acidification.',
'evidences': ['evidence-3939', 'evidence-824809', 'evidence-719864',
'evidence-799012', 'evidence-539781']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0



groundtruth = {'claim_text': 'The broader term covers changes beyond warmer
temperatures, such as shifting rainfall patterns."', 'claim_label': 'SUPPORTS',
'evidences': ['evidence-456747', 'evidence-496267']}
predictions = {'claim_text': 'The broader term covers changes beyond warmer
temperatures, such as shifting rainfall patterns."', 'evidences':
['evidence-545249', 'evidence-172552', 'evidence-299877', 'evidence-451053',
'evidence-238889']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0



groundtruth = {'claim_text': 'In many other cases, though - hurricanes, for
example - the linkage to global warming for particular trends is uncertain or
disputed.', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-3489',
'evidence-202201', 'evidence-1038523', 'evidence-1041281', 'evidence-626239']}
predictions = {'claim_text': 'In many other cases, though - hurricanes, for
example - the linkage to global warming for particular trends is uncertain or
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disputed.', 'evidences': ['evidence-144635', 'evidence-259009',
'evidence-1111319', 'evidence-638266', 'evidence-1114203']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'The team of climate scientists notes that in
failing to predict the warming 'hiatus' in the beginning of the 21st century,
the Intergovernmental Panel on Climate Change (IPCC) models overestimated
temperature increases…', 'claim_label': 'DISPUTED', 'evidences':
['evidence-968233', 'evidence-325440', 'evidence-1197833', 'evidence-657969']}
predictions = {'claim_text': 'The team of climate scientists notes that in
failing to predict the warming 'hiatus' in the beginning of the 21st century,
the Intergovernmental Panel on Climate Change (IPCC) models overestimated
temperature increases…', 'evidences': ['evidence-433622', 'evidence-531979',
'evidence-654432', 'evidence-278454', 'evidence-943241']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'But [climate scientists] say that aspects of the
case of Hurricane Harvey-and the recent history of tropical cyclones
worldwide-suggest global warming is making a bad situation worse.',
'claim_label': 'SUPPORTS', 'evidences': ['evidence-604477', 'evidence-1055682',
'evidence-1047356', 'evidence-759337', 'evidence-879500']}
predictions = {'claim_text': 'But [climate scientists] say that aspects of the
case of Hurricane Harvey-and the recent history of tropical cyclones
worldwide-suggest global warming is making a bad situation worse.', 'evidences':
['evidence-39670', 'evidence-1015594', 'evidence-1094467', 'evidence-1005978',
'evidence-865726']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'In other words, we have, trapped in Arctic
permafrost, twice as much carbon as is currently wrecking the atmosphere of the
planet, all of it scheduled to be released at a date that keeps getting moved
up, partially in the form of a gas that multiplies its warming power 86 times
over.', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-1173602',
'evidence-769821', 'evidence-94074']}
predictions = {'claim_text': 'In other words, we have, trapped in Arctic
permafrost, twice as much carbon as is currently wrecking the atmosphere of the
planet, all of it scheduled to be released at a date that keeps getting moved
up, partially in the form of a gas that multiplies its warming power 86 times
over.', 'evidences': ['evidence-1074121', 'evidence-864147', 'evidence-707516',

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'evidence-1146282', 'evidence-318220']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'as the pathbreaking work by Rosamond Naylor and
David Battisti has shown, the tropics are already too hot to efficiently grow
grain, and those places where grain is produced today are already at optimal
growing temperature - which means even a small warming will push them down the
slope of declining productivity.', 'claim_label': 'SUPPORTS', 'evidences':
['evidence-1166728', 'evidence-578305']}
predictions = {'claim_text': 'as the pathbreaking work by Rosamond Naylor and
David Battisti has shown, the tropics are already too hot to efficiently grow
grain, and those places where grain is produced today are already at optimal
growing temperature - which means even a small warming will push them down the
slope of declining productivity.', 'evidences': ['evidence-157339',
'evidence-614961', 'evidence-105881', 'evidence-677657', 'evidence-399549']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': '"As it happens, Zika may also be a good model of
the second worrying effect - disease mutation.', 'claim_label':
'NOT_ENOUGH_INFO', 'evidences': ['evidence-422399', 'evidence-702226',
'evidence-286834', 'evidence-472751', 'evidence-641043']}
predictions = {'claim_text': '"As it happens, Zika may also be a good model of
the second worrying effect - disease mutation.', 'evidences':
['evidence-434911', 'evidence-529773', 'evidence-605881', 'evidence-1012361',
'evidence-1193603']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


groundtruth = {'claim_text': 'According to the WHO, exposure to particulate
matter increases the risk of acute lower respiratory infection, chronic
obstructive pulmonary disease, heart disease, stroke and lung cancer.',
'claim_label': 'SUPPORTS', 'evidences': ['evidence-534239', 'evidence-1171424',
'evidence-416776']}
predictions = {'claim_text': 'According to the WHO, exposure to particulate
matter increases the risk of acute lower respiratory infection, chronic
obstructive pulmonary disease, heart disease, stroke and lung cancer.',
'evidences': ['evidence-1072222', 'evidence-179631', 'evidence-689216',
'evidence-403271', 'evidence-296659']}
evidence recall = 0.0
evidence precision = 0.0
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evidence fscore = 0.0

groundtruth = {'claim_text': 'The report […] found that the United States was one of the most pollution-free nations in the world."', 'claim_label': 'REFUTES', 'evidences': ['evidence-783786']}
predictions = {'claim_text': 'The report […] found that the United States was one of the most pollution-free nations in the world."', 'evidences': ['evidence-805240', 'evidence-725269', 'evidence-376224', 'evidence-424038', 'evidence-596510']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'The gas builds up in the soil, forming mounds called 'pingoes.'', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-350072']}
predictions = {'claim_text': 'The gas builds up in the soil, forming mounds called 'pingoes.'', 'evidences': ['evidence-548703', 'evidence-1067571', 'evidence-885664', 'evidence-301025', 'evidence-692007']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'The unlikely scenarios are now, all of a sudden, becoming more probable than they once were thought to be,' says Sweet."', 'claim_label': 'NOT_ENOUGH_INFO', 'evidences': ['evidence-305696', 'evidence-444836', 'evidence-108865', 'evidence-44133', 'evidence-459314']}
predictions = {'claim_text': 'The unlikely scenarios are now, all of a sudden, becoming more probable than they once were thought to be,' says Sweet."', 'evidences': ['evidence-976406', 'evidence-625203', 'evidence-945495', 'evidence-638010', 'evidence-565107']}
evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0

groundtruth = {'claim_text': 'While there has been a mean rise of a little more than 3mm per year worldwide since the 1990s, in the last decade, the NOAA Virginia Key tide gauge just south of Miami Beach has measured a 9mm rise annually."', 'claim_label': 'SUPPORTS', 'evidences': ['evidence-946255', 'evidence-1049692']}
predictions = {'claim_text': 'While there has been a mean rise of a little more than 3mm per year worldwide since the 1990s, in the last decade, the NOAA Virginia Key tide gauge just south of Miami Beach has measured a 9mm rise annually."', 'evidences': ['evidence-1192814', 'evidence-42116', 'evidence-589829', 'evidence-372485', 'evidence-1088298']}

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evidence recall = 0.0
evidence precision = 0.0
evidence fscore = 0.0


Evidence Retrieval F-score (F)    = 0.02472686044114616
Claim Classification Accuracy (A) = 0.0
Harmonic Mean of F and A          = 0.0
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