

MRL 2025: Russian and Iraqi Arabic

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Dataset Description

This dataset is designed for physical commonsense reasoning, focusing on safe versus unsafe behaviors in everyday situations. Each entry presents a prompt describing a scenario and two possible actions, with one action being safe and the other unsafe. The label identifies the safe action (label 0).

The dataset is available in **two language versions: Russian and Iraqi Arabic**. Both versions contain the same prompts and solutions, and all entries were manually created by native speakers of the respective languages.

The scenarios span multiple domains of daily life, including:

- **Weather and Environment:** streets, rain, snow, strong winds
- **Roads and Transportation:** crossing streets, cycling, skating, driving
- **Home Safety:** using ladders, handling appliances, avoiding slips and falls
- **Work and Hobbies:** lifting heavy objects, handling tools, DIY activities
- **Kitchen and Food Safety:** cutting vegetables, handling hot cookware, preventing spills
- **Nature and Tourism:** hiking, camping, handling fire outdoors
- **Sports and Health:** exercising, lifting weights, yoga, football
- **School and Learning:** carrying backpacks, using lab equipment, climbing sports walls
- **Technology and Gadgets:** charging devices, handling electronics safely
- **Emergency Situations:** fires, floods, earthquakes, electrical hazards

Construction Methodology

1. Manually curated prompts and solutions: Each scenario is realistic and reflects everyday physical interactions.
2. Contrastive actions: One solution reflects physically safe behavior, while the other reflects unsafe behavior.
3. Diverse coverage: The dataset includes a wide variety of situations, enabling models to learn generalized physical commonsense reasoning.