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| --- | --- | --- | --- | --- |
| Domain | Subdomain | Indicator | Source | Specificationcurve |
| Health/Safety | Alcohol | Drinking alcohol | (Fryt et al., 2022) | GBD |
| Health/Safety | Nicotine | Smoking cigarettes | (Fryt et al., 2022) | GBD |
| Health/Safety | Drugs | Smoking marijuana | (Fryt et al., 2022) | GBD |
| Health/Safety | Sex | Unprotected sex | (Fryt et al., 2022) | GBD |
| Health/Safety | Mental Health | Temporal impulsivity (preference for immediate rewards) | (Fenneman & Frankenhuis, 2020) | measured using tasks like the Balloon Analogue Risk Task (BART) |
| Health/Safety | Mental Health | information impulsivity (acting without gathering sufficient information) | (Fenneman & Frankenhuis, 2020) | measured using tasks like the Balloon Analogue Risk Task (BART) |
| Health/Safety | Alcohol | drinking heavily at social functions | (Rolison et al., 2014) |  |
| Health/Safety | Sex | engaging in unprotected sex | (Rolison et al., 2014) |  |
| Health/Safety | ??? | sunbathing without sunscreen | (Rolison et al., 2014) |  |
| Health/Safety | Alcohol | Underage drinking and drunkenness | (Ramos et al., 2017) |  |
| Health/Safety | Drugs | drug use | (Ramos et al., 2017) |  |
| Health/Safety | Sex | unprotected sex | (Ramos et al., 2017) |  |
| Health/Safety | Nicotine | tobacco experimentation | (Ramos et al., 2017) |  |
| Health/Safety | Drugs/ Alcohol | Substance use, including drug and alcohol use | (Canale et al., 2018) |  |
| Health/Safety | Nicotine | Cigarette smoking | (Duell et al., 2018) |  |
| Health/Safety | Sex | unprotected sex | (Duell et al., 2018) |  |
| Health/Safety | Drugs | cannabis use | (Duell et al., 2018) |  |
| Health/Safety | Alcohol | binge drinking | (Duell et al., 2018) |  |
| Health/Safety | Alcohol | Alcohol use | (Duell et al., 2018) |  |
| Health/Safety | Drugs | Intoxication | (Duell et al., 2018) |  |
| Health/Safety | Drugs | recreational substance use | (Duell et al., 2018) |  |
| Health/Safety | ??? | risk regarding your health | (Liu et al., 2023) |  |
| Health/Safety | Drugs | Substance use | (Tervo-Clemmens et al., 2024) |  |
| Health/Safety | Drugs/ Alcohol | alcohol use, cannabis use | (Tervo-Clemmens et al., 2024) |  |
| Health/Safety | Mental Health | general associations with risk-taking propensity as a precursor to health-related behaviors | (Tervo-Clemmens et al., 2024) |  |
| Health/Safety | Mental Health | Mental health (e.g. Depression) | (Tervo-Clemmens et al., 2024) |  |
| Health/Safety | Mental Health | Impulsivity | (Tervo-Clemmens et al., 2024) |  |
| Health/Safety | Mental Health | broader psychological traits | (Tervo-Clemmens et al., 2024) |  |
| Health/Safety | Drugs | Consumption of recreational and illicit drugs | (Hertwig et al., 2018) |  |
| Health/Safety | Nicotine | cigarette smoking | (Hertwig et al., 2018) |  |
| Health/Safety | Mental Health | Impulsivity | (Hertwig et al., 2018) |  |
| Health/Safety | Mental Health | impulse control | (Hertwig et al., 2018) |  |
| Health/Safety | Drugs/ Alcohol | substance use (e.g., drug and alcohol use) | (Mata et al., 2018) |  |
| Health/Safety | Nicotine | Smoking | (Mata et al., 2018) |  |
| Health/Safety | Nicotine | Smoking | (Bonem et al., 2015) |  |
| Health/Safety | Alcohol | excessive alcohol consumption | (Bonem et al., 2015) |  |
| Health/Safety | Sex | engaging in risky sexual practices | (Bonem et al., 2015) |  |
| Health/Safety | Sex | Having an affair | (Bonem et al., 2015) |  |
| Health/Safety | Food | eating unhealthy foods | (Bonem et al., 2015) |  |
| Health/Safety | Alcohol | Consuming five or more alcoholic drinks in a single evening | (Bonem et al., 2015) |  |
| Health/Safety | Drugs | Using any sort of recreational drug (e.g., marijuana, cocaine, or oxycontin) | (Bonem et al., 2015) |  |
| Health/Safety | Sex | multiple sexual partners in a short amount of time | (Bonem et al., 2015) |  |
| Health/Safety | Sex | Catching a sexually transmitted disease | (Bonem et al., 2015) |  |
| Health/Safety | Nicotine | Smoking | (Nolte & Hanoch, 2024) |  |
| Health/Safety | Sex | unprotected sex | (Nolte & Hanoch, 2024) |  |
| Health/Safety | ??? | COVID-19-related health risks | (Nolte & Hanoch, 2024) |  |
| Health/Safety | ??? | never wearing sunscreen | (König, 2021) |  |
| Health/Safety | Alcohol | binge drinking | (König, 2021) |  |
| Health/Safety | ??? | active and passive health risks (e.g., donating a kidney, going to the doctor for health issues) | (König, 2021) |  |
| Crime | Bodily harm | getting into a fight | (Fryt et al., 2022) |  |
| Crime | Antisocial | threatening someone | (Fryt et al., 2022) |  |
| Crime | Antisocial | Vandalism | (Fryt et al., 2022) |  |
| Crime | Theft/ fraud | stealing (shoplifting) | (Fryt et al., 2022) |  |
| Crime | ??? | potential involvement in criminal activities as an outcome of increased risk-taking | (Canale et al., 2018) |  |
| Crime | Bodily harm | Fighting | (Duell et al., 2018) |  |
| Crime | Antisocial | Vandalism | (Duell et al., 2018) |  |
| Crime | Antisocial | delinquent behavior | (Duell et al., 2018) |  |
| Crime | Theft/ fraud | criminal activities (e.g., theft or fraud) | (Hertwig et al., 2018) |  |
| Crime | ??? | legal violations or criminal activities, including tax evasion, theft, and other illegal actions that involve a trade-off between potential gains and legal or social consequences | (Mata et al., 2018) |  |
| Crime | Antisocial/ Theft/fraud | breaking rules, such as cheating, lying, or committing fraud | (Bonem et al., 2015) |  |
| Crime | Antisocial | Cheating on an exam | (Bonem et al., 2015) |  |
| Crime | ??? | Downloading or copying music or videos illegally | (Bonem et al., 2015) |  |
| Crime | Theft/ fraud | Shoplifting | (Bonem et al., 2015) |  |
| Crime | Theft/ fraud | Stealing an additional TV cable connection off the one you pay for | (Bonem et al., 2015) |  |
| Crime | Antisocial | Antisocial risk-taking such as threatening someone | (Nolte & Hanoch, 2024) |  |
| Crime | Theft/ fraud | Cheating on income tax, buying illegal drugs | (König, 2021) |  |
| Financial | Gambling | betting a day ’s income on the outcome of a sporting event | (Fryt et al., 2022) |  |
| Financial | Investment | Risky financial investments | (Rolison et al., 2014) |  |
| Financial | Gambling | gambling behavior | (Rolison et al., 2014) |  |
| Financial | Investment | Investment behaviors | (Canale et al., 2018) |  |
| Financial | Gambling | gambling as a risky financial decision | (Canale et al., 2018) |  |
| Financial | Investment | risks in financial matters, such as investments and decisions related to monetary lotteries | (Dohmen et al., 2011) |  |
| Financial | Investment | risk regarding financial investments | (Liu et al., 2023) |  |
| Financial | Investment | Financial investments | (Hertwig et al., 2018) |  |
| Financial | Investment | tax evasion | (Hertwig et al., 2018) |  |
| Financial | Gambling | monetary gambles | (Hertwig et al., 2018) |  |
| Financial | Investment | Investment in financial markets (financial decisions, savings, stock market investments, or insurance choices) | (Mata et al., 2018) |  |
| Financial | Gambling | monetary gambles | (Mata et al., 2018) |  |
| Financial | Gambling | choices involving lotteries | (Mata et al., 2018) |  |
| Financial | Investment | High-stakes financial investments | (Nolte & Hanoch, 2024) |  |
| Financial | Investment | investing money in an unknown company | (Nolte & Hanoch, 2024) |  |
| Financial | Investment | Investments, savings, spending and lending money, financial risk tolerance | (König, 2021) |  |
| Environment | Violence/ crime | Exposure of violence | (Fenneman & Frankenhuis, 2020) |  |
| Environment | Violence/ crime | Exposure of crime | (Fenneman & Frankenhuis, 2020) |  |
| Environment |  | resource scarcity or low resource quality, often measured as low socioeconomic status | (Fenneman & Frankenhuis, 2020) |  |
| Environment |  | Extrinsic mortality-morbidity | (Fenneman & Frankenhuis, 2020) |  |
| Environment |  | low life expectancy | (Fenneman & Frankenhuis, 2020) |  |
| Environment |  | low socioeconomic status | (Fenneman & Frankenhuis, 2020) |  |
| Environment |  | fluctuations in resource availability | (Fenneman & Frankenhuis, 2020) |  |
| Environment |  | youth mortality rates from external causes | (Ramos et al., 2017) |  |
| Environment |  | income inequality (Gini index) | (Ramos et al., 2017) |  |
| Environment |  | Status competition and the impact of relative deprivation on risk preferences, including behaviors aimed at improving social status or addressing perceived social and economic disadvantages | (Canale et al., 2018) |  |
| Environment |  | Country-level socioeconomic factors such as GDP per capita and HDI (Human Development Index) | (Canale et al., 2018) |  |
| Environment |  | including socioeconomic status | (Tervo-Clemmens et al., 2024) |  |
| Environment |  | race/ethnicity | (Tervo-Clemmens et al., 2024) |  |
| Environment |  | population density | (Tervo-Clemmens et al., 2024) |  |
| Environment |  | population density (urban vs. rural areas) | (Tervo-Clemmens et al., 2024) |  |
| Environment |  | exposed to polluted air | (Bonem et al., 2015) |  |
| Environment |  | exposed to nuclear waste | (Bonem et al., 2015) |  |
| Environment | Violence/ crime | victim of violent crime | (Bonem et al., 2015) |  |
| Environment |  | exposed to pesticides | (Bonem et al., 2015) |  |
| Environment |  | exposed to carbon monoxide | (Bonem et al., 2015) |  |
| Environment |  | exposed to harmful bacteria in food | (Bonem et al., 2015) |  |
| Environment |  | natural disaster (i.e., flood, tornado, or hurricane) | (Bonem et al., 2015) |  |
| Environment |  | exposed to harmful amounts of radiation | (Bonem et al., 2015) |  |
| Environment |  | Risks related to environmental factors (though specifics are not provided) | (Nolte & Hanoch, 2024) |  |
| Environment |  | Extreme risks like exposure to nuclear waste or harmful bacteria | (König, 2021) |  |
| Environment | Violence/ crime | probabilistic events (e.g., random attacks) | (Fenneman & Frankenhuis, 2020) |  |
| Driving |  | driving without a seatbelt | (Rolison et al., 2014) |  |
| Driving |  | dangerous driving behaviors | (Dohmen et al., 2011) |  |
| Driving |  | Risk driving a car | (Liu et al., 2023) |  |
| Driving |  | Speeding | (Hertwig et al., 2018) |  |
| Driving |  | legal violations or criminal activities, including speeding | (Mata et al., 2018) |  |
| Driving |  | Speeding | (Bonem et al., 2015) |  |
| Driving |  | Riding in a car with a driver who has been drinking | (Bonem et al., 2015) |  |
| Driving |  | Driving a car without wearing a seat belt | (Bonem et al., 2015) |  |
| Driving |  | Drunk driving | (Nolte & Hanoch, 2024) |  |
| Driving |  | Risky driving behavior, attitudes towards car driving risks | (König, 2021) |  |
| Driving |  | dangerous activities (e.g., riding a motorcycle without a helmet) | (Bonem et al., 2015) |  |
| Career |  | risks in professional or career-related decisions | (Dohmen et al., 2011) |  |
| Career |  | job changes | (Dohmen et al., 2011) |  |
| Career |  | entrepreneurship | (Dohmen et al., 2011) |  |
| Career |  | risk regarding your occupation | (Liu et al., 2023) |  |
| Career |  | entrepreneurial initiatives | (Hertwig et al., 2018) |  |
| Career |  | decisions related to self-employment | (Hertwig et al., 2018) |  |
| Career |  | Applying for a new job | (Nolte & Hanoch, 2024) |  |
| Career |  | Taking risks related to career decisions, such as switching jobs or taking occupational risks | (König, 2021) |  |
| Career |  | Passing off somebody else’s work as your own | (Bonem et al., 2015) |  |
| Career |  | passing off somebody ’s else work as your own | (Fryt et al., 2022) |  |
| Recreational/Leisure |  | risks in sports and leisure activities, such as engaging in potentially hazardous recreational pursuits | (Dohmen et al., 2011) |  |
| Recreational/Leisure |  | risk regarding leisure time and sport | (Liu et al., 2023) |  |
| Recreational/Leisure |  | sensation-seeking | (Tervo-Clemmens et al., 2024) |  |
| Recreational/Leisure |  | rock climbing | (Hertwig et al., 2018) |  |
| Recreational/Leisure |  | whitewater rafting | (Hertwig et al., 2018) |  |
| Recreational/Leisure |  | adventurous or physically risky pursuits | (Hertwig et al., 2018) |  |
| Recreational/Leisure |  | imprudent online behaviour | (Hertwig et al., 2018) |  |
| Recreational/Leisure |  | sensation-seeking | (Hertwig et al., 2018) |  |
| Recreational/Leisure |  | novelty-seeking | (Hertwig et al., 2018) |  |
| Recreational/Leisure |  | extreme sports, adventurous activities (e.g., white-water rafting) | (Mata et al., 2018) |  |
| Recreational/Leisure |  | sensation-seeking behaviors like skydiving or climbing | (Mata et al., 2018) |  |
| Recreational/Leisure |  | Skydiving | (Nolte & Hanoch, 2024) |  |
| Recreational/Leisure |  | Camping in the wilderness | (Fryt et al., 2022) |  |
| Recreational/Leisure |  | Camping in the wild, participation in outdoor or adventure activities | (König, 2021) |  |
| Recriational/Leisure |  | other health decisions involving risk (e.g., engaging in extreme sports with health risks) | (Mata et al., 2018) |  |
| Social |  | risk regarding your faith in trusting other people | (Liu et al., 2023) |  |
| Social |  | risky social behaviors | (Mata et al., 2018) |  |
| Social |  | networking decisions | (Mata et al., 2018) |  |
| Social |  | potentially harmful interpersonal actions | (Mata et al., 2018) |  |
| Social |  | Engaging in risky social behaviors, social rewards, interpersonal exchanges | (Nolte & Hanoch, 2024) |  |
| Social |  | Asking for a raise, disagreeing with a parent, social interactions (e.g., money distribution in the Dictator game) | (König, 2021) |  |
| Social |  | Moving to a city far away from your family | (Bonem et al., 2015) |  |
| Education |  | Relationship between educational opportunities and risk aversion | (Canale et al., 2018) |  |
| Education |  | higher education levels linked with increased risk aversion | (Canale et al., 2018) |  |
| Other |  | religious affiliation | (Tervo-Clemmens et al., 2024) |  |
| Other |  | Frequent household moves | (Fenneman & Frankenhuis, 2020) |  |
| Other |  | changing father figures in households | (Fenneman & Frankenhuis, 2020) |  |
| Other |  | Owning a handgun | (Bonem et al., 2015) |  |
| Other |  | Leaving your car or bike unlocked | (Bonem et al., 2015) |  |

DOSPERT SCALE

Social:

1. Admitting that your tastes are different from those of a friend. (S)
2. Disagreeing with an authority figure on a major issue. (S)
3. Choosing a career that you truly enjoy over a more secure one. (S)
4. Speaking your mind about an unpopular issue in a meeting at work. (S)
5. Moving to a city far away from your extended family. (S)
6. Starting a new career in your mid-thirties. (S)

Health/Safety

1. Engaging in unprotected sex. (H/S)
2. Driving a car without wearing a seat belt. (H/S)
3. Riding a motorcycle without a helmet. (H/S)
4. Sunbathing without sunscreen. (H/S)
5. Drinking heavily at a social function. (H/S)
6. Walking home alone at night in an unsafe area of town. (H/S)

Recreational

1. Going camping in the wilderness. (R)
2. Going down a ski run that is beyond your ability. (R)
3. Going whitewater rafting at high water in the spring. (R)
4. Taking a skydiving class. (R)
5. Bungee jumping off a tall bridge.  (R)
6. Piloting a small plane. (R)

Ethical

1. Taking some questionable deductions on your income tax return. (E)
2. Taking some questionable deductions on your income tax return. (E)
3. Having an affair with a married man/woman. (E)
4. Passing off somebody else’s work as your own. (E)
5. Revealing a friend’s secret to someone else. (E)
6. Leaving your young children alone at home while running an errand. (E)
7. Not returning a wallet you found that contains $200. (E)

Financial

1. Betting a day’s income at the horse races. (F/G)
2. Investing 10% of your annual income in a moderate growth diversified fund. (F/I)
3. Betting a day’s income at a high-stake poker game. (F/G)
4. Investing 5% of your annual income in a very speculative stock. (F/I)
5. Betting a day’s income on the outcome of a sporting event (F/G)
6. Investing 10% of your annual income in a new business venture. (F/I)

E = Ethical, F = Financial, H/S = Health/Safety, R = Recreational, and S = Social