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More exploration in longer horizon Horizon 5 Horizon ation (%)

Trading off different types of exploration?

- **Decision noise increases** with risk level (more for H5)
- Ambiguity bonus decreases with risk level for H5
- Reduced ambiguity level ^{*} correlates with increased noise in H5, not in H1

People are more exploratory at longer decision horizons (when information is more useful) Increased risk in the environment reduces ambiguity bonus, but increases decision noise Trading off directed for random exploration: potential way to insure exploration despite risk





