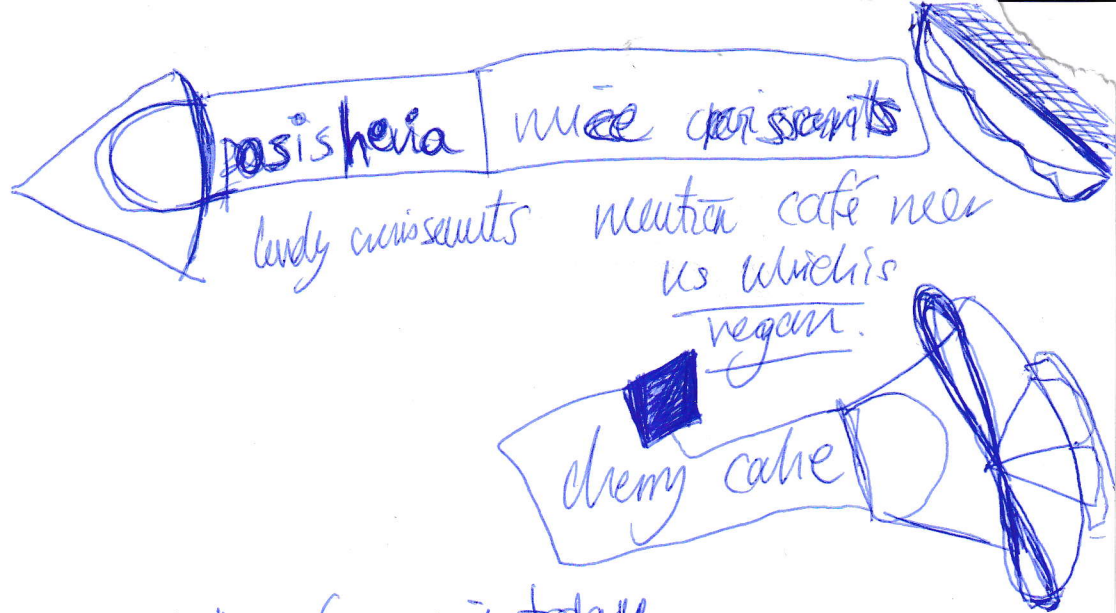


mFDR

$$\mathbb{E} \left[\frac{V}{R} \right]$$



lots of rain today.

visit good - chaos. munt day.

$$G \sim N(0, \Phi)$$

Then $\text{cov}(G)$

$$\mathbb{E}[G^T A G G^T B G]$$

$$\text{Cov}(X, Y) = \mathbb{E}[(X - \mathbb{E}X)(Y - \mathbb{E}Y)] = \mathbb{E}XY - \mathbb{E}X\mathbb{E}Y$$

$$\begin{aligned} &= \mathbb{E}[\text{tr}(G^T A G G^T B G)] \\ &= \mathbb{E}[\text{tr}(G G^T A G G^T B)] \end{aligned}$$