Water Budget Choice Analysis

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Data shown for:

```
date
```

```
## [1] "20-Dec-2017"
```

```
monkey
```

```
## [1] "Vicer"
```

```r
bundle_bidding <- task_data[!is.na(fractal_bid)] %>%
  .[, mean(fractal_bid), by = .(offer_value, bundle_liquid)]

ggplot(data = bundle_bidding, aes(x = bundle_liquid, y = V1)) +
  geom_point() +
  stat_smooth() +
  xlab("bundle water offered (ml)") +
  ylab("proportion of bundle choices") +
  ggtitle("Monkey Proportion of Bundle Bids on Binary Choice Task",
          subtitle = paste(date, ";", monkey, ";", length(unique(task_data$block)), "blocks")) +
  #theme_fivethirtyeight() +
  theme_minimal() +
  theme(strip.text.x = element_text(size = 14)) +
  theme(axis.title.x = element_text(size = 14)) +
  theme(axis.title.y = element_text(size = 14))
```

```
## `geom_smooth()` using method = 'loess'
```

Monkey Proportion of Bundle Bids on Binary Choice Task

20–Dec–2017 ; Vicer ; 1 blocks