

## Regression Report – David

### Initial check

What number of requests don't have the same product\_cd for all their inquiries? (Out of 319,733):

**13,649**

What number and percentage of *List requests* have this property?

Number: **13,088**

Percentage: **4.116 %**

What number and percentage of *individual List inquiries* have this property?

Number: **217,503**

Percentage: **5.078369 %**

### Regressions run

```
subset <- df.inquiry %>% filter(pt == 0,  
                                product_cd == "USHY",  
                                p_type != "Broker-Dealer",  
                                list_length >= 20,  
                                numsublists < list_length/2,  
                                5 < sublist_length)
```

```
regr1 <- felm(filled ~ trans_cost + mediancost_insublist + mediancost_outsidesublist |  
              req_id | 0 | req_id + date, data = subset)
```

```
regr2 <- felm(filled ~ trans_cost + mincost_insublist + mincost_outsidesublist | req_id | 0 |  
              req_id + date, data = subset)
```

	Estimate	Cluster.s.e.	t.value	pval
<i>trans_cost</i>	−1.8255	0.8884	−2.0549	0.041
<i>mediancost_insublist</i>	3.7505	0.7134	5.2570	3.26e−07
<i>mediancost_outsidesublist</i>	0.7597	0.2426	3.1322	0.00195

	Estimate	Cluster.s.e.	t.value	pval
<i>trans_cost</i>	−1.9266	0.9141	−2.1076	0.0361
<i>mincost_insublist</i>	−0.2290	0.0938	−2.4416	0.0154
<i>mincost_outsidesublist</i>	−0.0463	0.0401	−1.1539	0.2497