

Rank	$\#\text{III}(E/\mathbb{Q})$	Grp Inv	Frequency
2	1	[1]	572285
2	4	[2, 2]	108
Total of Rank 2			572393
3	1	[1]	23172
4	1	[1]	21
Total			595586

Table 1: Frequency of Tate-Shafarevich group orders and types of elliptic curves of rank larger than 1