

Winning Parachain Auctions: Which impact has marketing on acquiring funds from crowdlenders?

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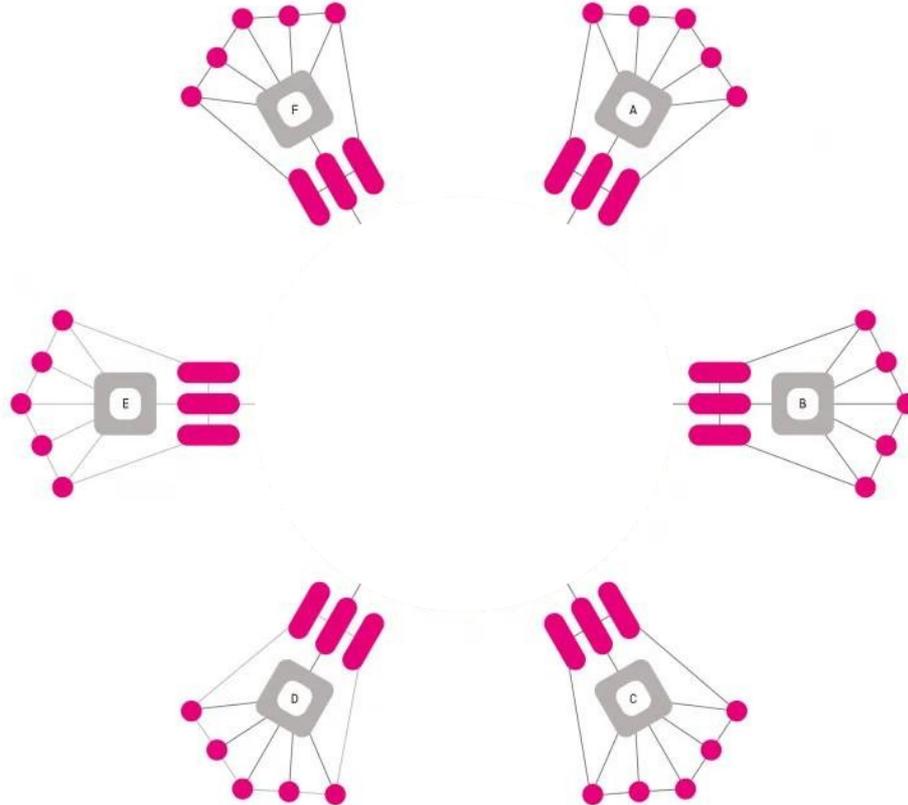
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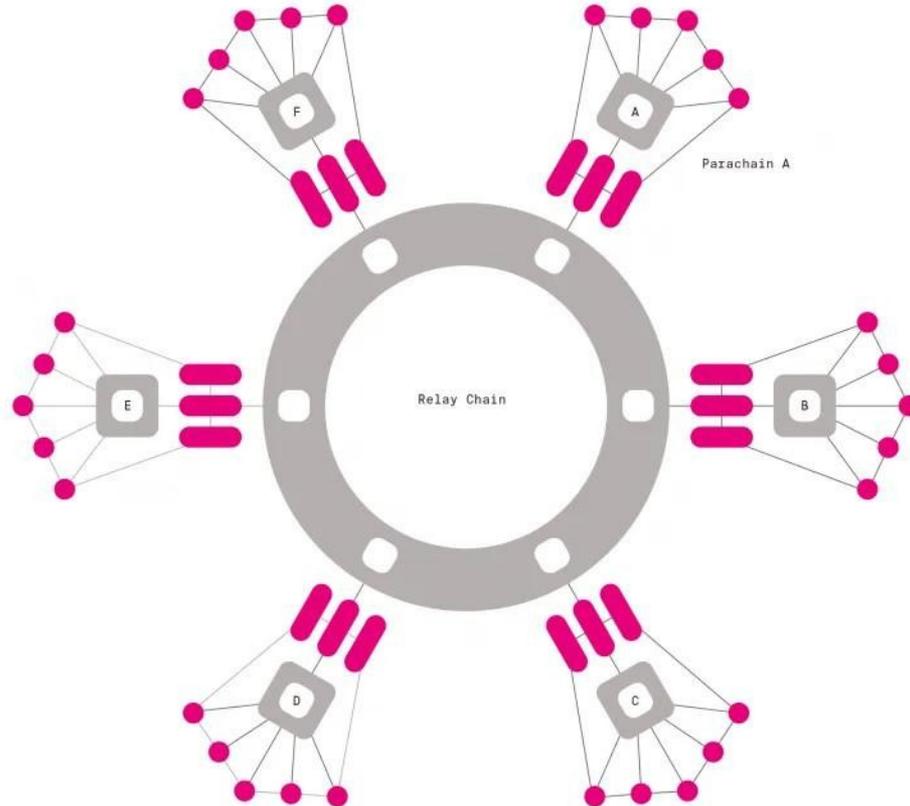
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Parachain Auctions



Parachain Auctions



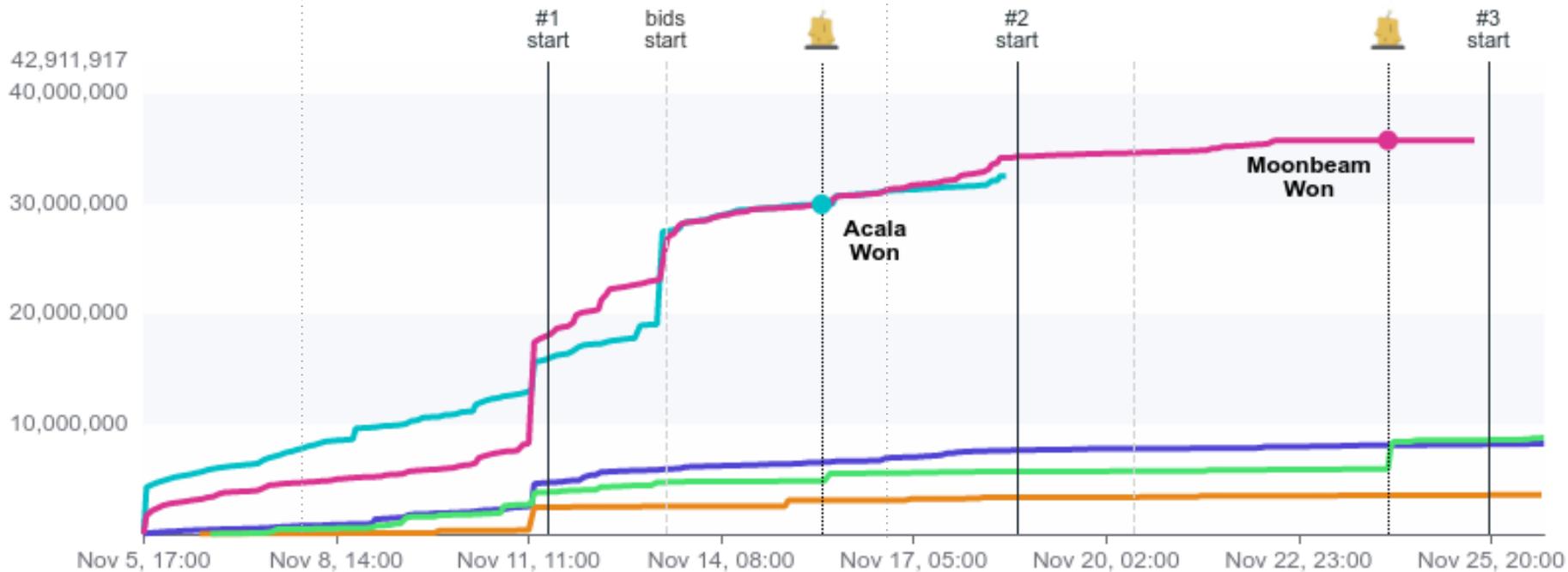
Marketing Activities



The first-ever @Polkadot parachain slot auction is underway!..



Congratulations to the @AcalaNetwork team for securing a parachain slot in @Polkadot 🎉



Marketing Activities

^ 1



Moonbeam

35 759 931 DOT (\$198 110 020)



48 346

4+ GLMR

1 DOT : 4+ GLMR

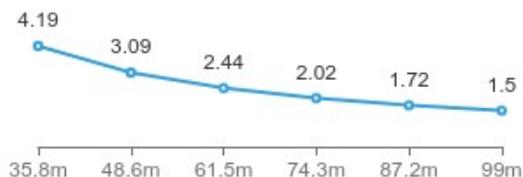
Reward Pool:

150m of 1b (15%)

Inflation: 5%

WINNER

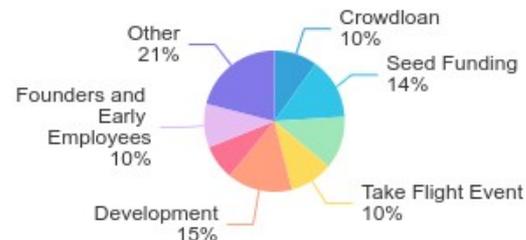
Estimated Rewards GLMR per DOT



Vesting:

- 30% of rewards will be available to claim immediately (after EVM and transfers are enabled)
- The remaining 70% vesting over the course of the lease (96 weeks) linearly

GLMR Distribution



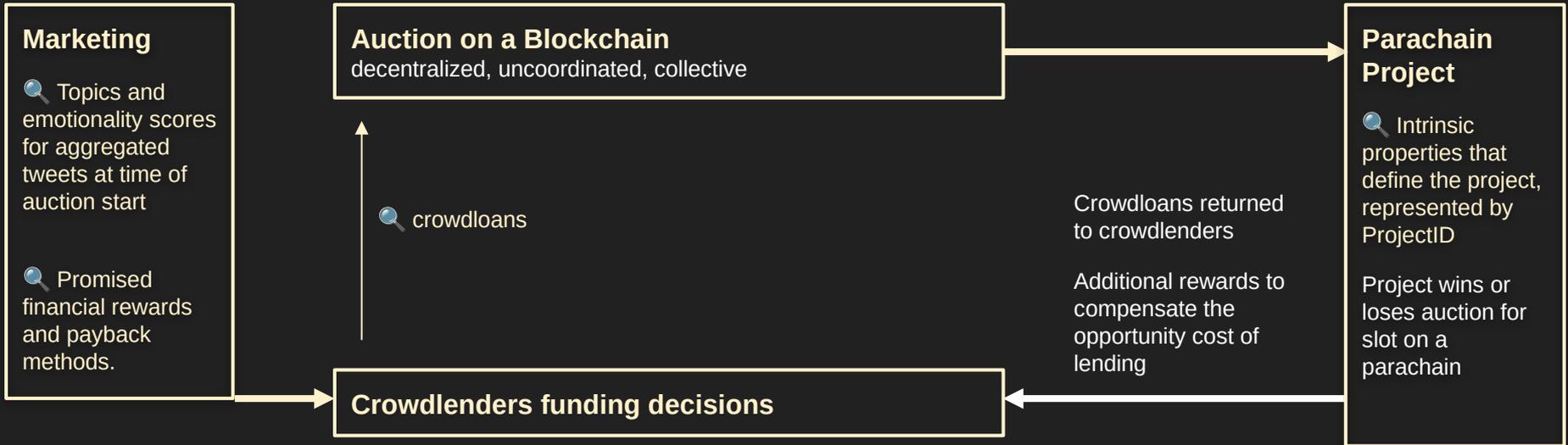
Crowdloan Cap: 100 000 000 DOT

Crowdloan Ending: Dec 17, 2021 at 22:07

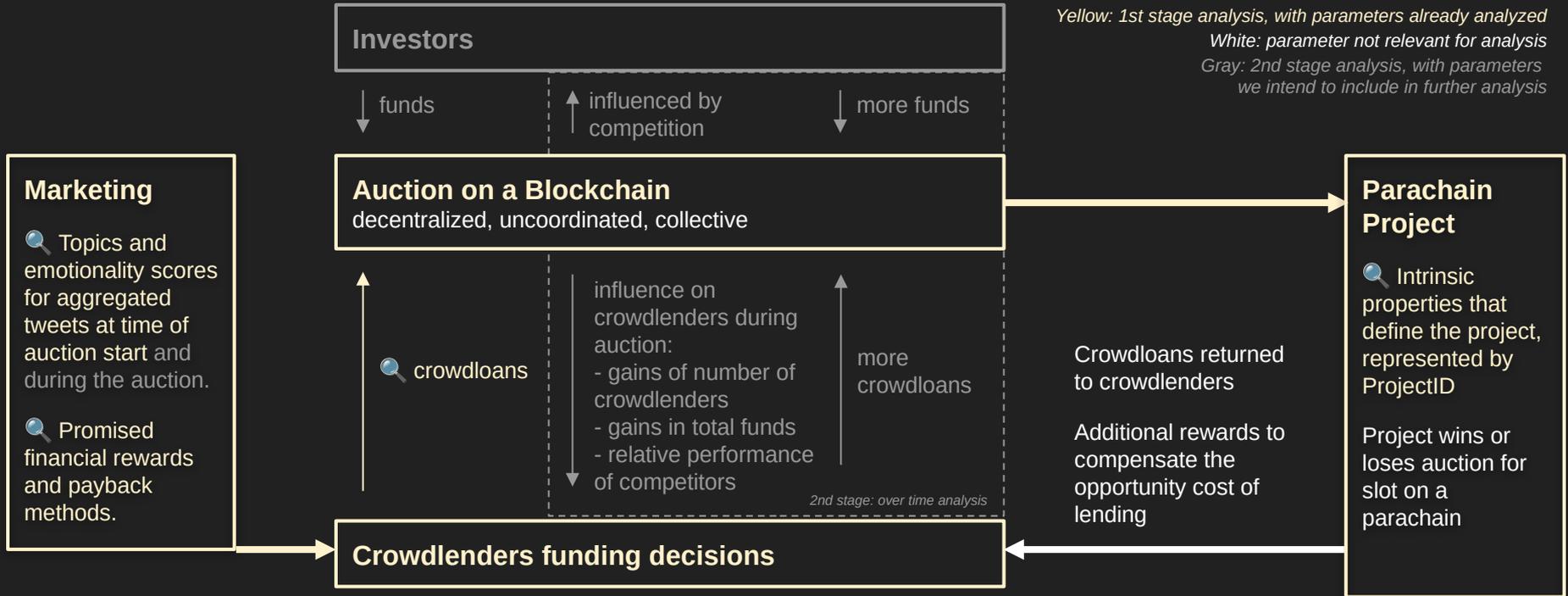
DOT return date: Oct 24, 2023 ²

Conceptual Framework

Yellow: 1st stage analysis, with parameters already analyzed
White: parameter not relevant for analysis



Conceptual Framework



Data



individual crowdfund contributions



project and auction metadata



marketing communications



Results

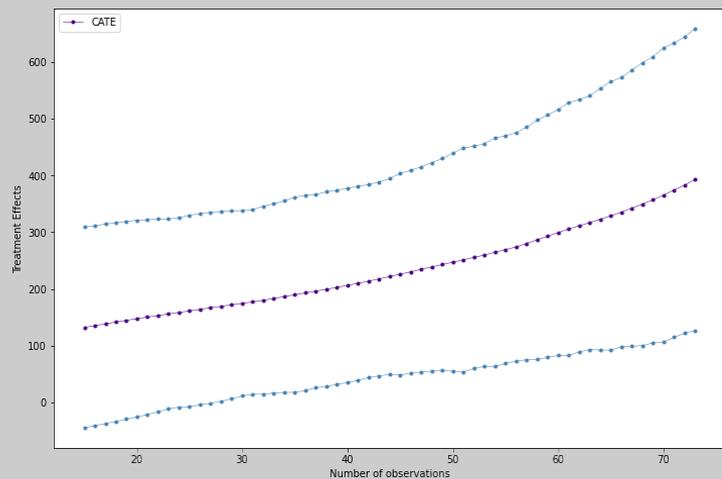
Dependent variable: Funds attracted by the end of the auction in USD

		Estimate	Pr(> t)		
		(Intercept)	-6.83e+08	1.25e-10	***
Financial rewards ⇒ Financial rewards and payback methods have a significant impact on crowdenders' contributions.		Reward: token release period, in weeks	1.04e+07	<2.2e-16	***
		Reward: token released immediately, in percent	4.17e+06	0.07317	.
		Reward: reward pool size in DOT / KSM	2.38e+00	0.03867	*
		Reward: reward pool size in percent from total token supply	9.42e+06	4.41e-07	***
Marketing communication ⇒ Marketing communications also have a significant impact on crowdenders' contributions.		Twitter: entertainment topic	-1.06e+08	3.48e-05	***
		Twitter: reward and token topic	9.96e+05	0.00842	**
		Twitter: community topic	6.92e+06	0.02387	*

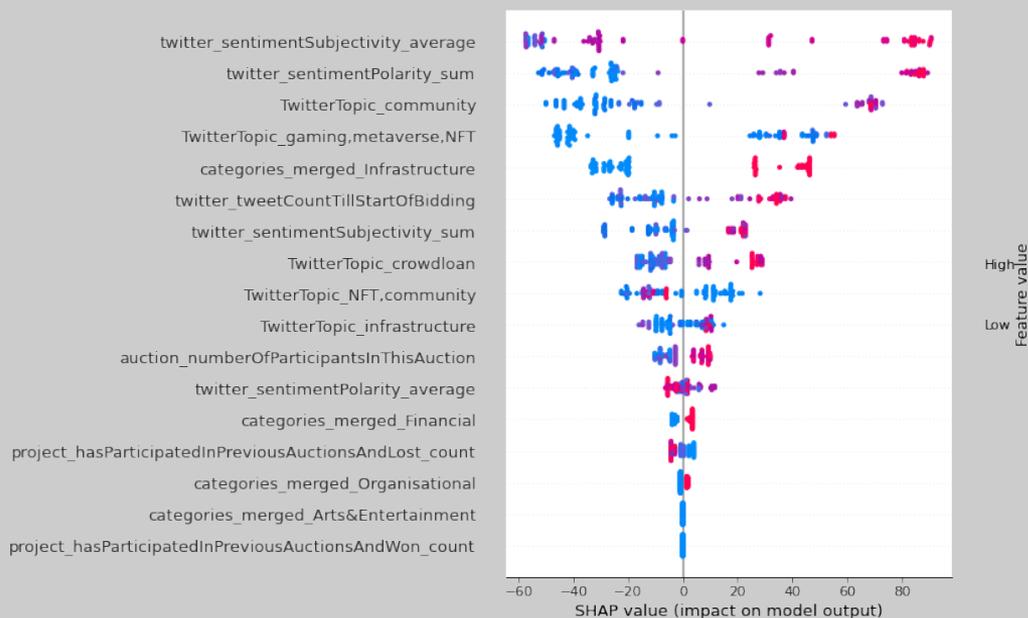
R²: 77.5% · Heteroskedastik-consistent standard errors for p-values · All VIFs below 5 · Additional control variables for the properties of each project

Results

Conditional Average Treatment Effect: 280



Influence of Covariates (with project category):



Treatment: Reward token amount in percent of total token supply
Outcome: number of crowdlenders attracted

Implications

1. **successful crowdfunding campaigns**
2. **efficient marketing investments**
3. **implications for research in marketing, auction theory, and blockchain-related research**