SIMULATION REPORT ON

THE BULLET:

YOUR PERSONAL ALL-IN-ONE SMART MIXED DRINK SHAKER

By: Bardan Sigdel, Product Innovator and Strategy Advisor
For: Development & Strategy Team, The Bullet Co.

Through our simulation project, we can soundly endorse the need for a $1,080,000 investment to complete the established business process timeline for The Bullet starting from market research all the way through its release to the planned markets in a total timeframe of 51 weeks. Following market release, we anticipate tremendous sales projections that will take us to the "breakeven" point in 8 weeks (by the 59th overall week). Then, by the 60th overall week, we project The Bullet Co. can begin paying back the initial investment in weekly increments of $85,000.

PRODUCT:

In this age of mixed drinks ascendency, where there are more mixed drinks ideas and recipes than one could imagine, it has never been simpler to treat your guests to array of cocktails – recipes are abundant, grocery stores carry ingredients for practically anything you would need, and the demand is ever-growing. What might be missing, however, is the mixology expertise at our disposal; unless you have been trained for the bar, chances are your cocktails often tend to miss the mark. Even if you have seemingly mastered a drink on a particular day, you might struggle to replicate the excellence on a different one. This is where our groundbreaking vision of the smart cocktail shaker, The Bullet, comes in: this bar gadget's introduction, based on the classic cocktail shaker, is meant to disrupt the mixology industry by combining unprecedented technology and sleek design in offering a tool that eliminates effort, guesswork and imprecision in crafting any mixed drink. A touch-screen interface in the gadget feeds information into the computer through which users can conveniently look up or upload mixed drink recipes, which then prompts the addition of ingredients tracked through the in-built weighing scale. The Bullet finally automates the ingredient mixing process based on the recipe to deliver the exceptional drink every single time.

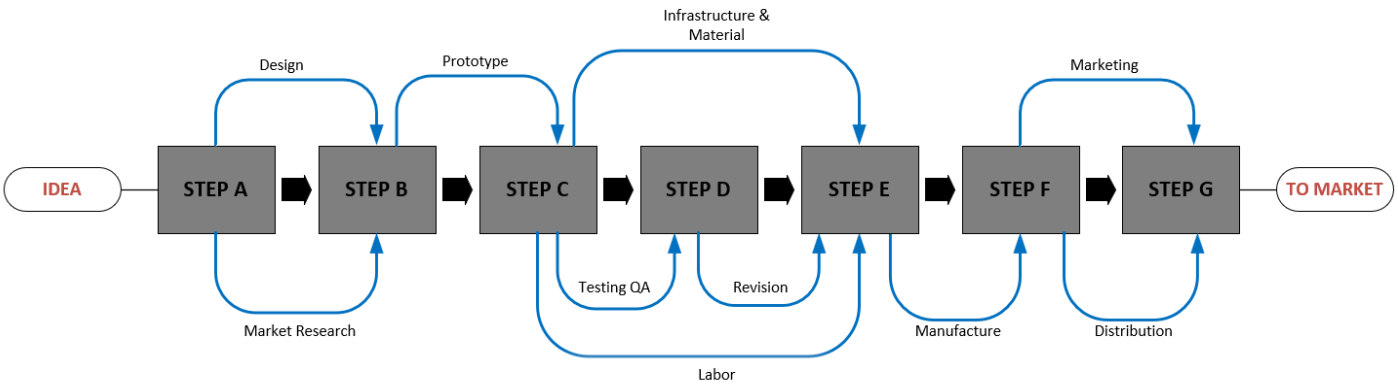
PROPOSAL:

Through this simulation report, we have crafted a business flow plan and used simulation to establish timelines through our task distribution for each individual step of the process, which subsequently provides us the framework for making an overall timeline projection and estimating investment figures.

On the back of these steps and the simulation process, we are confident in projecting a 51-week overall timeline to get The Bullet out of our doors and through to the market. Following the introduction to our five ascertained markets in the cities of Denver, Los Angeles, Phoenix, San Francisco and Seattle, we anticipate exceptional demand that promises the sale of 20,000 units in the first six months. During this timeframe of market sales – weeks 52-75 since the commencement of our very first business step – we project reaching the "breakeven point" in just two months. **By the end of week 60, even by conservative projections, our forecast of product sales puts us at a profit of $151,844, at which point we anticipate returning the invested amount in weekly payments of $85,000**. We foresee a total product revenue of $2,999,700 by the time The Bullet completes six months since market introduction (75-week-point in the total timeline) and has sold 20,000 units, at which point we will be comfortably situated in the high return on investment zone and can develop plans for the next phase of market expansion. Our confidence in the appeal and quality of the product as well as its projected demand is such that our proposal involves the manufacturing of the entire first batch of 35,000 units at the same time, before we even commence the final stages of the marketing process.

In this proposal report, we have determined the timeline and associated milestones that need to be achieved to bring the product's journey to fruition.

BUSINESS PLAN FLOW:



MODEL AND OUTPUT:

The simulated model here factors in all the steps outlined in our process flowchart from idea conception through to market introduction and projects individual timelines for the same (first 200 sample of the 10,000-trial simulation in Appendix B). The sampling for outcomes for our outlined steps using various distributions for time projections lands us at a total projection until the "to market" phase at an average of 49.9 weeks with a normally distributed total range between 44 and 56.2 weeks. Our projections for individual tasks through the business process flow, however, allowed us to feel confident in proposing a **51-week total progression**. Through our business process flow, we have attempted to build in maximum efficiency by completing several steps simultaneously without affecting the flow harmony, wherever possible. We will discuss cost and revenue analysis to meet investor expectations later in the report, when the timeline for return on investment will also be expanded on.

Here, we discuss our flow through the various tasks in our process timeline and our final decisions through each major step. The distribution details for each task are expanded on in **Appendix A**.

1) **Step A to Step B**

The tasks whose completion take us from A to B are market research and product design, which we determine entirely conducive for parallel undertaking. While we will procure a surveying and competition analysis tool as well as seek part-time consultancy through a self-service market analysis platform for market research, our two-man innovation team will work on the product design and modeling with the assistance of a freelance designer. The negative skew observed in the design process

distribution of this step helps make the determination that we will not burn ourselves and take the cautious approach of proposing a timeline slightly over the distribution average (see Appendix A for distribution discussion and histogram). Since the design phase which will run parallelly with the market research has a higher max across the distribution, we are also content with the market research taking the full 5 weeks and the complete progress from Step A to B to be completed in an anticipated **5.5 weeks**.

2) **Step B to Step C**

The move from step B to C in the model represents the creation of the prototype, utilizing our two-person innovation team paired with a two-person engineering team which we have identified for the job. Based on the observation through the simulation of a normally distributed timeline, we confidently project a timeline for completion of **7.5 weeks**, which is also where the mean of the distribution is precisely.

3) **Step C, D, E**

Between Steps C and E, we will work on several product development and building simultaneously, with a projected cumulative time of **9.5 weeks**. Central to all the processes involved in these steps are setting up of foundational infrastructure (manufacturing facility, developer stations, open work areas), material procurement and production labor search as well as training. We are considering these steps to run simultaneously through steps C to E, while our core development and engineering team also works on the testing/QA followed by revision based on the assessment. To navigate this process efficiently for moving from C to E in our model, we utilized the idea that the total time would be determined by the maximum time between the Infrastructure & Material and Labor steps in addition to the Testing QA and Revision steps (see Appendix A for details). In line with the observed normally distributed cumulative timeline for these steps, we propose a timeline slightly above the mean of 9.14 to account for any delays in this multi-faceted phase of the timeline.

4**) Step E to F**

With a total range of 14 to 17.8 weeks and the peak of the normal distribution around 15.4 weeks (see Appendix A) observed through our simulation for the manufacturing step which indicates the move from step E to F, we propose a **16-week** timeframe for completion. We have allowed a tiny bit of cushion here (about half a week) to account for various uncertainties and incidental delays.

5) Step F to G

The final step jump before we take The Bullet to market will involve marketing and distribution tasks, for a total projected time of **12.5 weeks**. Since these steps will run in parallel with adjacent teams and allow for added efficiency, we took the approach of estimating this timeline as a maximum value

between the two individual steps. The costs associated with these key steps before the product hits the market shelves are discussed in the Cost and Revenue Analysis section.

COST AND REVENUE ANALYSIS

COST OUTLINE

Here, we outline the breakdown, phase by phase, of the $1,080,000 cost projection and investment request.

Foremost, we project a cost of $4,000 per week for the market research phase, which includes the fixed cost of procuring the required surveying and competition analysis tools as well as obtaining part-time consultancy through a self-service market analysis platform. Adjacently, we will spend $5,000 a week on the design process, which will include conceptual development, product sketching and modeling. The $5,000 also covers the procurement of a temporary product design freelancer for the duration of this design process. As discussed in the previous section, we have ascertained completion times of 5 and 5.5 respectively for these two processes. These projections put us at a total of $47,500 to reach the stage at which our Step A can be culminated for the start of the prototype-building. Developing the prototype, then, will require the expenditure of $35,000 across the projected 8 weeks at $4,375 per week. This process will include expenditure on the material to build the prototype of The Bullet as well as electronic components that go into it; additionally, since our two-man engineering team will be solely responsible for the building, we incorporate their labor expenses into these costs.

For steps C through E, the testing, quality assurance and revision will be conducted by our aforementioned in-house team, albeit with the assurance supervision of an external quality assurance tester who will be hired at the rate of $1,500 a week for only a week. Additionally, we will allot $4,000 to the procurement of electronic components and tools for testing as well as adjustment to the prototype design.

The majority of our costs in this phase will be through labor and infrastructure procurement: we predict a total cost of $150,000 for the rent and setting up of the manufacturing facility with an additional $50,000 for the rental acquisition of machinery and equipment. To this, we will also add a $60,000 expenditure on raw material and electrical components for the manufacturing process. Alongside, across the duration of these infrastructure setup and procurement tasks, we will also acquire the required labor force (technicians and factory workers), who will be trained before the beginning of the manufacturing process. The process of acquisition (listings and selection as well fees for third-party hiring services) and training for the hired individuals until the start of the manufacturing process is slated at $25,000. We will also address the subsequent salaries for the hired individuals through the completion of the manufacturing process here; through the 16 weeks of projected manufacturing period, we will account for a senior-level technician at $1400 per week and an entry-level technician at $800 per week. In addition, our production projection (35,000 units in 16 weeks) necessitates the hiring of 20 mid-level factory assemblers at $600/week. Between the two employee buckets, we are estimating a $227,200 total wage cost, rounded up to $230,000 to account for any adjustments.

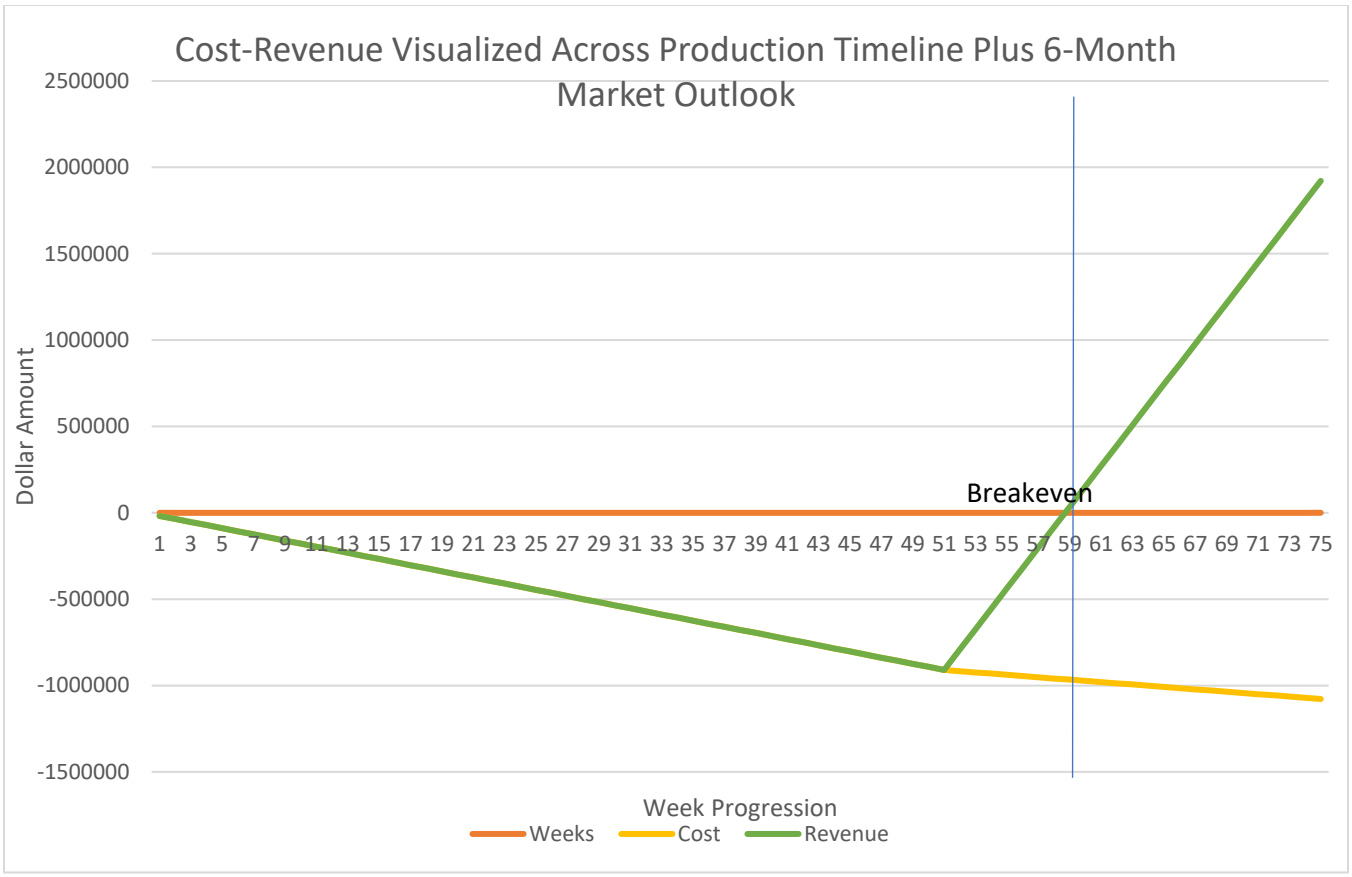
Once at the manufacturing stage, with labor costs already accounted for and material procured, we anticipate a $100,000 total production cost across the 16-week period. Following the culmination of the production for the 35,000 projected units, we will shift to the final Step G in the process flow, which we first have an anticipated $80,000 marketing cost between traditional advertising campaigns and influencer collaboration fees through the 12.5 weeks until the product hits the planned markets. In addition, our initial distribution (largely consisting of packaging and logistics for shipments to sellers or dropship setups) will set us back another $50,000 for the totality of the initial production.

Lastly, to account for miscellaneous overhead expenses not accounted for in the individual development processes, we project a $100,000 budget to address administrative costs, insurance-based needs and human benefit expenses for our in-house team for the duration of our overall timeline. Once we will have completed the first batch of planned production at 51 weeks, the only ongoing costs will be our dropship and logistics costs as well as overhead and contingency expenses – we estimate these at a total of $7000 per week for a total of 6 months.

REVENUE AND INVESTOR RETURN OUTLINE

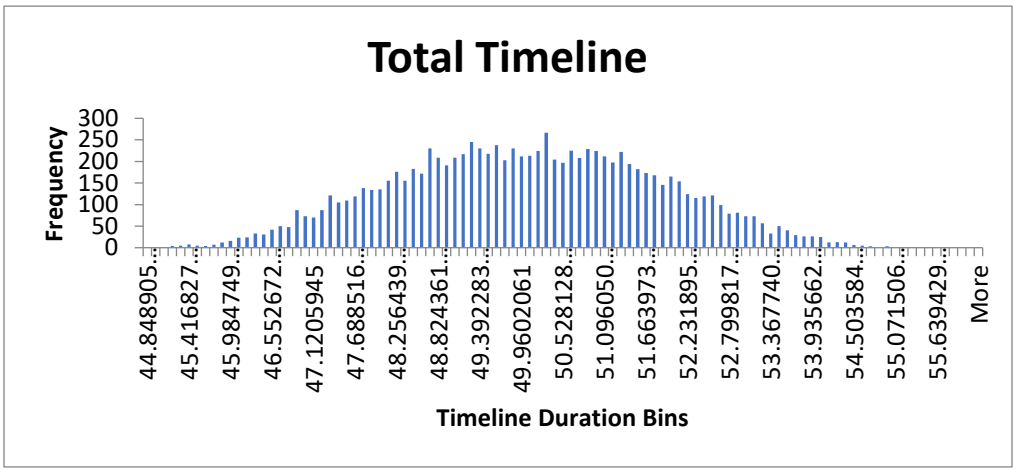
Our initial launch following the 51-week creation process is planned across five Western American cities of Denver, Los Angeles, Phoenix, San Francisco and Seattle at a per unit cost of The Bullet at **$150**. Our team projects 20,000 unit sales across the five markets in the first six months.

From our sales estimates, we find the revenue projection across the first six months after The Bullet hits the market (following the 51-week creation process) at $3,000,000 with a total of 20,000 units sold. During this time, we will have completed the first batch of planned production and the only ongoing costs will be our dropship and logistics costs as well as overhead and contingency expenses at an estimated $7,000 per week. We expect a linear sales trajectory for the first six months owing to our robust marketing strategy and projection, which would suggest an average of a little over 3300 sales per month in this timeframe. If we dial this back to a more conservative estimate of 3000 units per month, we should cover the initial investment amount of $1,080,000 in a little over two months (“the breakeven point”). By the end of week 60, our forecast of product sales puts us at a profit of $151,844, at which point we anticipate returning the invested amount in weekly payments of $85,000. By the same projection, we conservatively anticipate a total product revenue of $2,999,700 by the time The Bullet completes six months since market introduction (75-week-point in the total timeline) and has sold 20,000 units.


Cost-Revenue Visualized Across Production Timeline Plus 6-Month Market Outlook
2500000
2000000
1500000
1000000
500000
0
-500000
-1000000
-1500000
Dollar Amount
Breakeven
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75
Week Progression
Weeks
Cost
Revenue

Appendix A

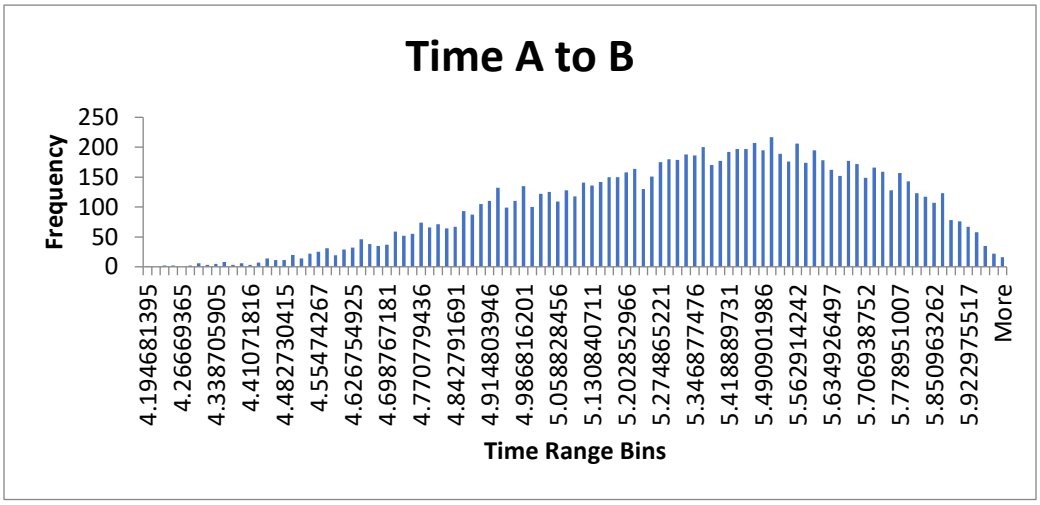
Distribution & Description of Total Time



Time Total	
Mean	49.97713765
Standard Error	0.017839784
Median	49.97833936
Range	11.35844642
Minimum	44.84890522
Maximum	56.20735163
Sum	499771.3765
Count	10000

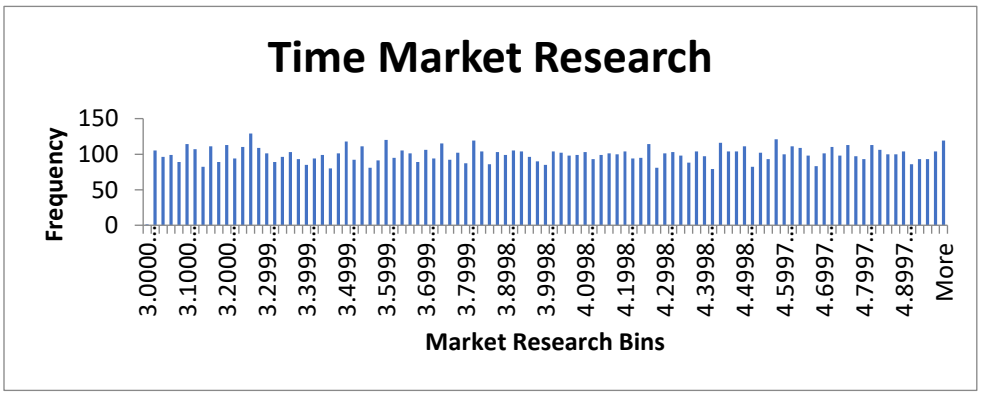
The histogram for the total project completion time illustrates the anticipated normally distributed time volume across our simulation. We see an average of 49.98 weeks across the simulation. The distribution here is a fair marker of how confident we should be in the notion that we will likely end up closer to the mean than not in driving through steps A through G.

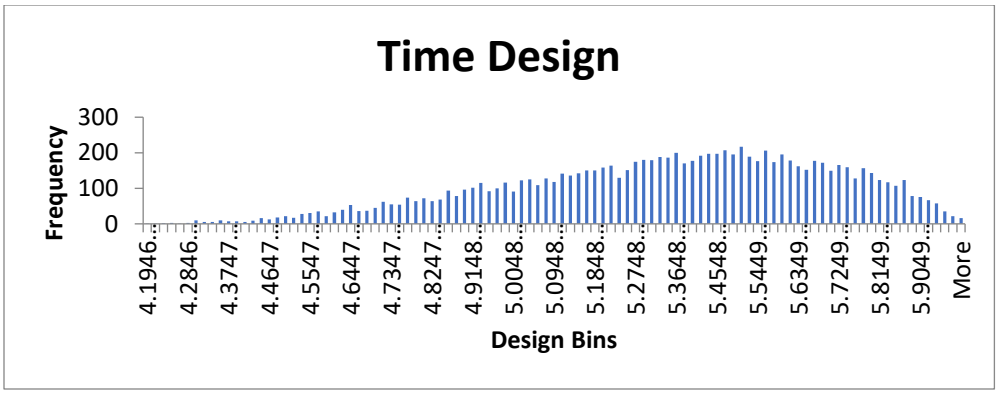
1. **Step A to B**



Individual Steps:

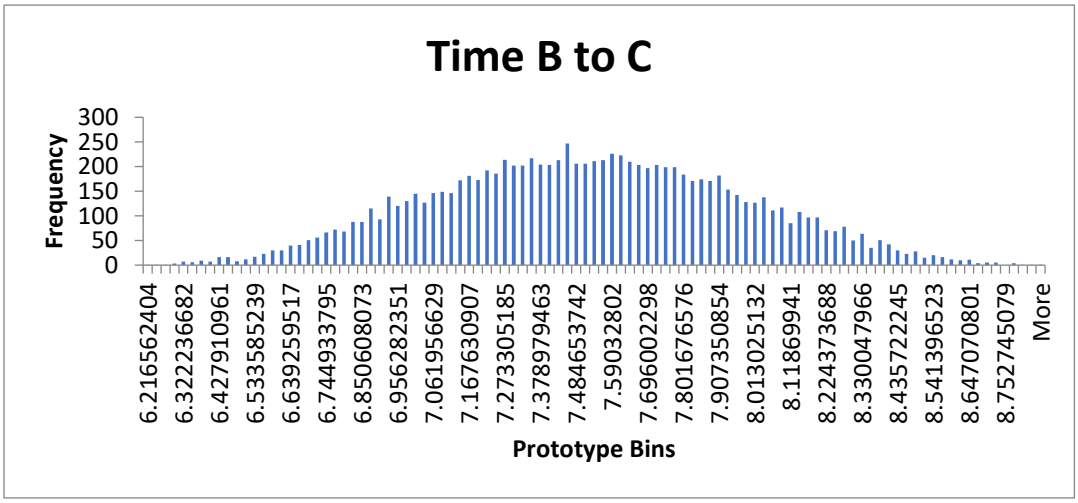
For the market research part of the model simulation, we account for an anticipated baseline of 3 weeks with an added linear scaling of 2 additional weeks. We have a linear transformation of the uniform distribution of our market research timeline with values between 3 and 5. Adjacently, an inverse cumulative distribution function of the beta distribution (4,2) for the design phase gives us an anticipated lower and upper bound of 4 and 6 weeks where we observe a negative skew in the distribution for this process.



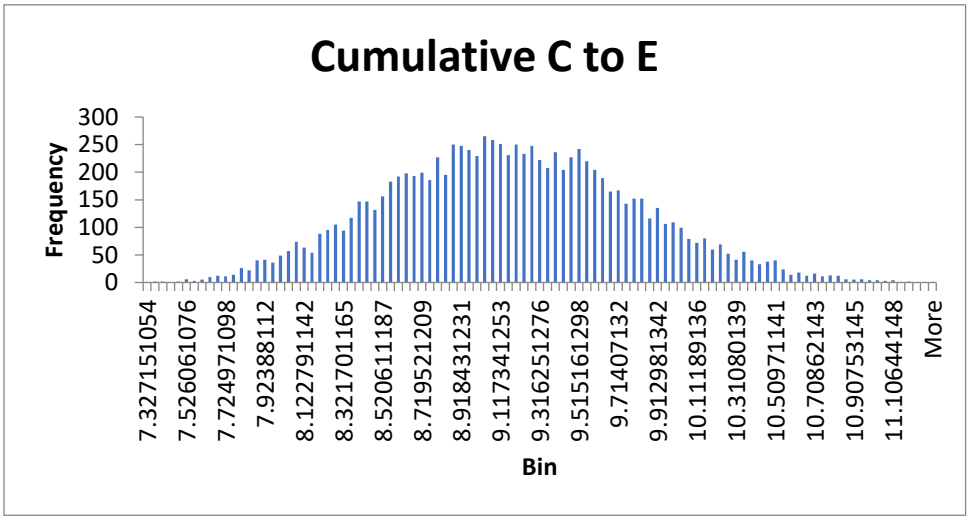


2. Step B to C

The prototype step here representing the move from B to C based on a beta (5,5) distribution with 6 and 9 weeks as the bounds. As discussed earlier, we observe a normal distribution with higher probabilities clearly concentrated towards the center of the time range.



3. Steps C,D,E

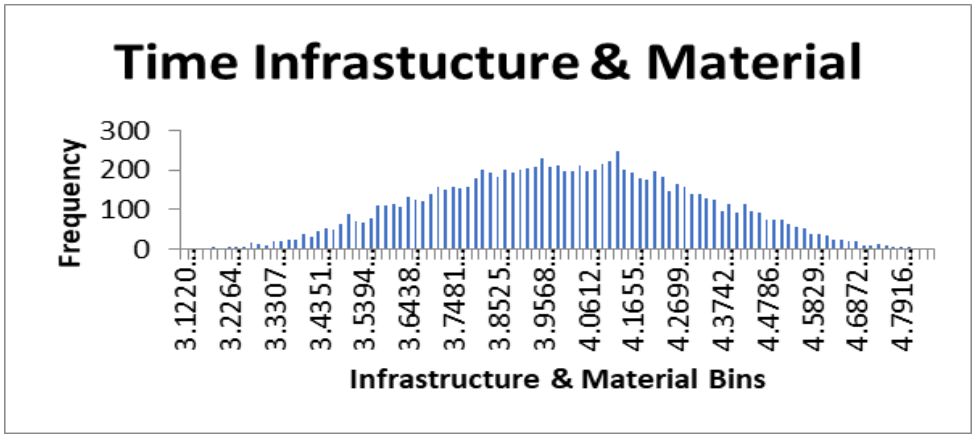


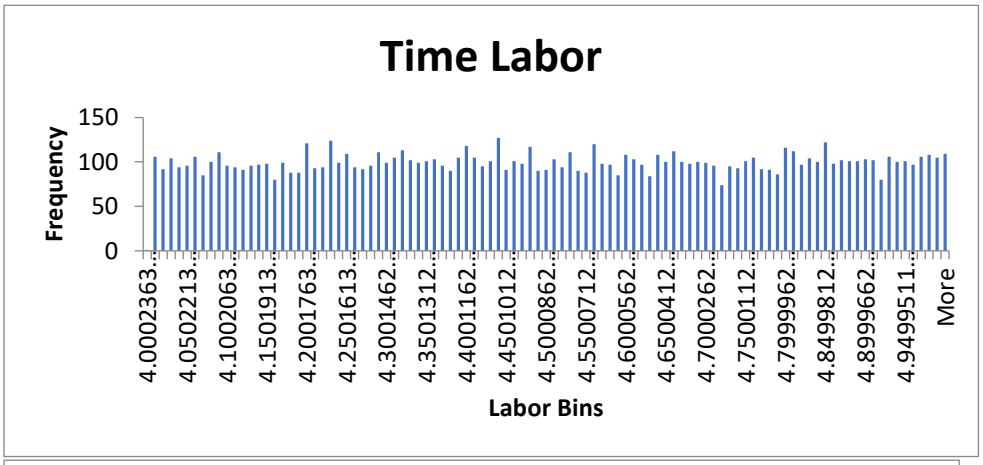
Individual Steps:

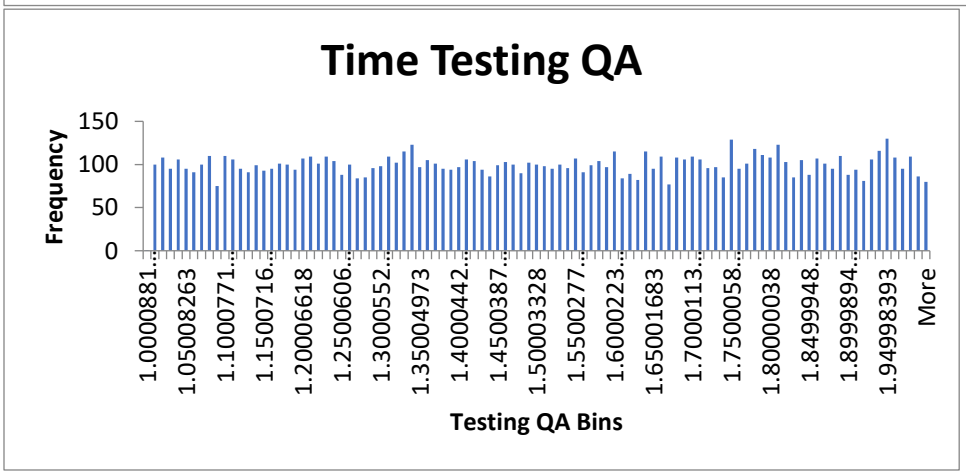
The process of aligning infrastructure and procurement of material for the ensuing manufacturing step is distributed using a beta (5,5) distribution while the entire labor assembly process is uniformly distributed with a base timeline of 4 weeks, giving us a total range between 4 and 5 weeks.

The Testing/QA and Revision steps which would run back-to-back between the two – but also simultaneously with the first two steps in this phase – follow a uniform distribution with a linear scaling factor of 1 week and a beta (3,5) distribution with 2- and 5-week bounds, respectively.

The cumulative distribution of time for this phase from C to E aligns superbly with our individual estimations based on the distributions we observe here.


Time Infrastucture & Material
Frequency
300
200
100
0
3.1220...
3.2264...
3.3307...
3.4351...
3.5394...
3.6438...
3.7481...
3.8525...
3.9568...
4.0612...
4.1655...
4.2699...
4.3742...
4.4786...
4.5829...
4.6872...
4.7916...
Infrastructure & Material Bins


Time Labor
Frequency
150
100
50
0
4.0002363...
4.0502213...
4.1002063...
4.1501913...
4.2001763...
4.2501613...
4.3001462...
4.3501312...
4.4001162...
4.4501012...
4.5000862...
4.5500712...
4.6000562...
4.6500412...
4.7000262...
4.7500112...
4.7999962...
4.8499812...
4.8999662...
4.9499511...
More
Labor Bins


Time Testing QA
Frequency
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100
50
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1.05008263
1.1000771...
1.1500716...
1.2000618
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1.6000223...
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1.7500058...
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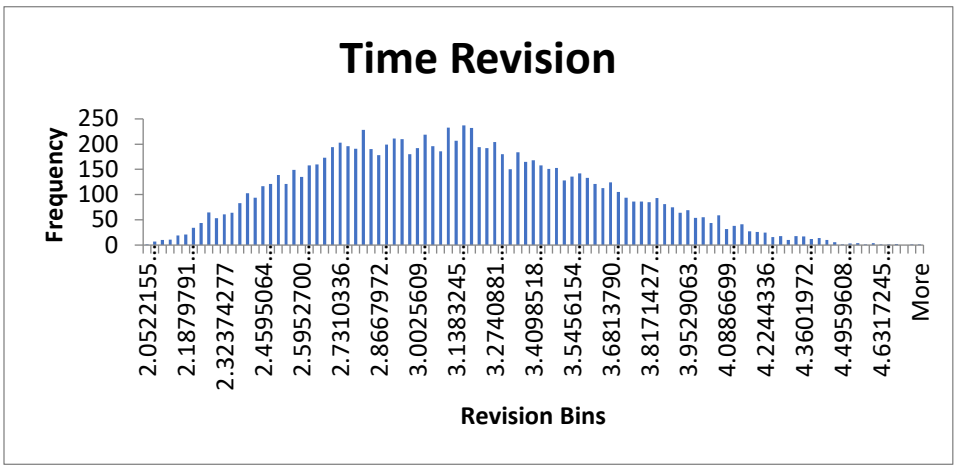
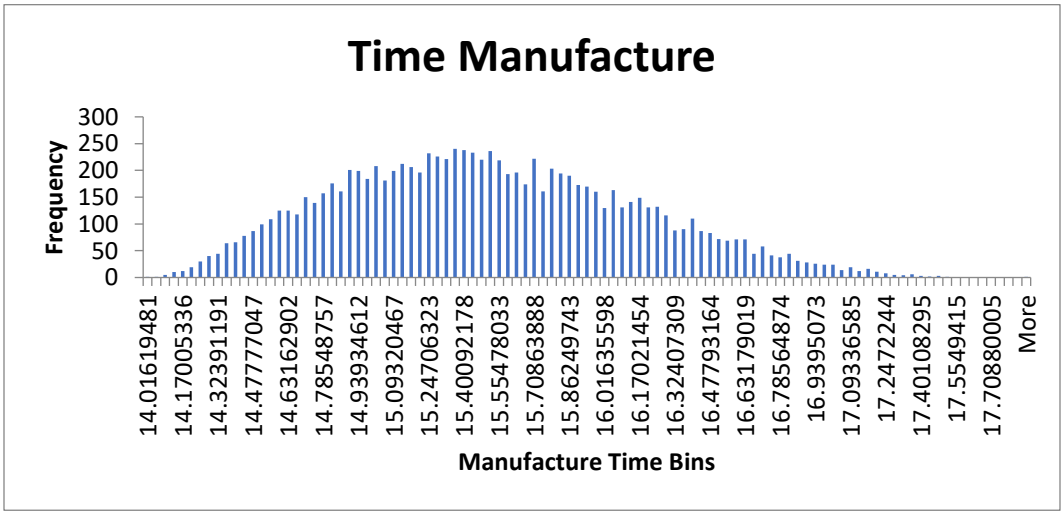
1.8499948...
1.8999894...
1.94998393
More
Testing QA Bins

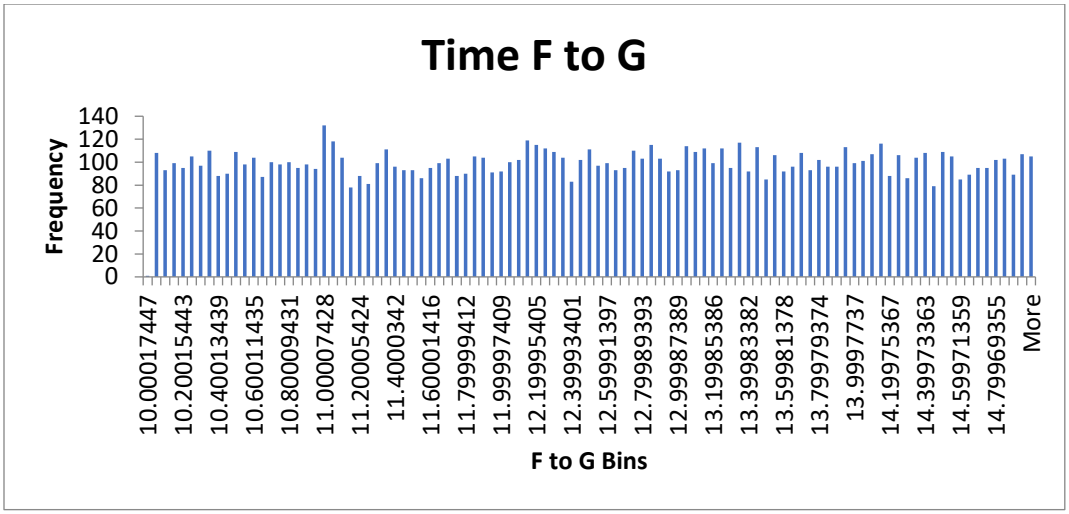


4. Step E to F

This phase consists solely of the timeline for manufacturing our product with the assumption that the setup and assembly of labor/material is completed by the start of Step E. The process has been distributed in a beta (3,5) distribution with 14- and 18-week bounds.

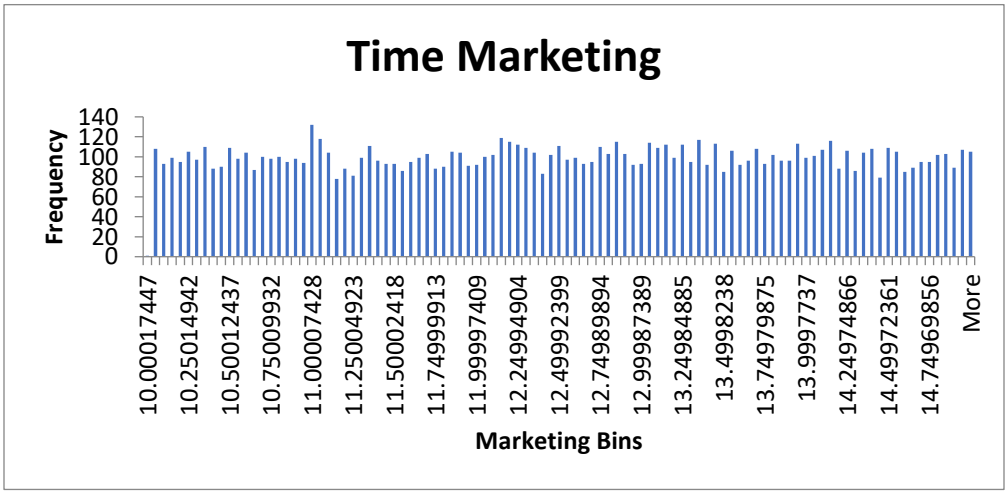


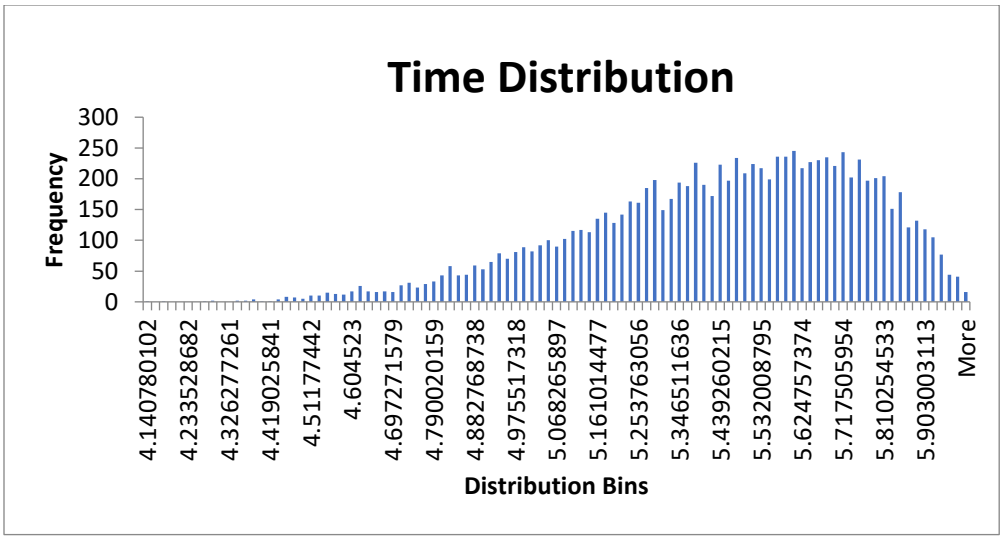
5. Step F to G



Individual Steps:

Upon the culmination of the manufacturing process, our marketing and distribution tasks will kick off in parallel and as such, the total time to move from F to G is represented by the maximum time it will take to complete either step. The marketing process here follows a uniform distribution with a base timeline of 10 weeks and ranging in totality from 10 to 15 weeks (linear factor of 5 weeks). The Distribution timeline, on the other hand, is distributed with beta (5, 2) and as we can observe here, the range moves between 4 and 6 weeks with an evident negative skew in the distribution.




Time Distribution
Frequency
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250
200
150
100
50
0
4.140780102
4.233528682
4.326277261
4.419025841
4.51177442
4.604523
4.697271579
4.790020159
4.882768738
4.975517318
5.068265897
5.161014477
5.253763056
5.346511636
5.439260215
5.532008795
5.624757374
5.717505954
5.810254533
5.903003113
More
Distribution Bins

Appendix B: Simulation Sample (First 200 trials)

Trials	Market Research	Design	Prototype	Infrastructure & Material	Labor	Testing QA	Revision	Marketing	Manufacture	Distribution	Time Market Research
1	0.266092322	0.831256735	0.659489621	0.54904075	0.20579626	0.254340313	0.817188807	0.548879543	0.357673737	0.754039503	3.532184644
2	0.854575728	0.948420848	0.451487432	0.70929246	0.23931164	0.643820598	0.787582139	0.593854707	0.567033678	0.905719541	4.709151455
3	0.478559612	0.558807048	0.121863532	0.556821975	0.411616902	0.892391434	0.064439708	0.128872159	0.29117601	0.52160503	3.957119225
4	0.617513489	0.653802715	0.523859682	0.815544547	0.043054856	0.062225023	0.821084645	0.126922365	0.42588719	0.571900018	4.235026978
5	0.059314537	0.824730228	0.647699851	0.918071871	0.272354951	0.959366427	0.354737532	0.896172125	0.159229047	0.31342438	3.118629075
6	0.717106687	0.217097157	0.313622248	0.277508797	0.552622731	0.092195052	0.64873466	0.946961092	0.387929214	0.136194646	4.434213375
7	0.81247974 8	0.255266271	0.002547845	0.182869007	0.387260531	0.808220768	0.89332061	0.614798749	0.455010774	0.354482779	4.624959496
8	0.708427613	0.314842087	0.656710878	0.897777861	0.470682577	0.054855108	0.72443507	0.442669316	0.177900593	0.734653442	4.416855227
9	0.077475207	0.212135281	0.967391158	0.634843639	0.73433135	0.417810851	0.896849335	0.374244347	0.023031221	0.883321279	3.154950414
10	0.580020092	0.852758098	0.56218349	0.296156933	0.240721563	0.746971879	0.039707282	0.676724743	0.052890712	0.709573506	4.160040183
11	0.770267124	0.499274849	0.212954721	0.841866233	0.798558059	0.279043035	0.84613528	0.533030526	0.02199251	0.307657212	4.540534248
12	0.86017706	0.999488721	0.967198131	0.610189869	0.418766186	0.819383486	0.481307732	0.185732453	0.700692043	0.716537387	4.720354119
13	0.529000777	0.055577257	0.606613498	0.727453946	0.355300504	0.045674399	0.487113535	0.810732878	0.232198778	0.627141466	4.058001553
14	0.166290075	0.237165718	0.579919934	0.981354653	0.781986351	0.539831937	0.911852315	0.974115452	0.042813594	0.513956916	3.332580149
15	0.39875405	0.272609365	0.428949481	0.071575046	0.703099548	0.525665456	0.932928078	0.327474298	0.200863778	0.870368932	3.7975081
16	0.129523583	0.388710527	0.443125409	0.130406601	0.508421841	0.583920916	0.76023199	0.699625506	0.783794836	0.281670631	3.259047166
17	0.127592108	0.002507196	0.583908028	0.632364611	0.817664709	0.597055575	0.088310939	0.508244954	0.958253081	0.719242863	3.255184216
18	0.464547321	0.635362378	0.173612644	0.741807833	0.625590426	0.206653864	0.254691635	0.77322913	0.792329664	0.429309972	3.929094642
19	0.133707826	0.423615398	0.085015766	0.604909768	0.600389471	0.322448518	0.302407672	0.786457289	0.23918629	0.097675674	3.267415652
20	0.387462581	0.232634514	0.376215423	0.157300251	0.079010056	0.44819136	0.789731439	0.829416256	0.811850349	0.732910287	3.774925163
21	0.505560986	0.551118955	0.510873169	0.66717808	0.1855848	0.879977474	0.016429408	0.652770826	0.48090133	0.877717274	4.011121972
22	0.194264416	0.933481745	0.315565611	0.728505	0.455471278	0.510568446	0.568418922	0.206509557	0.773867731	0.314424106	3.388528833
23	0.783778958	0.016170985	0.904776204	0.691456509	0.113512522	0.004930029	0.250451734	0.330702115	0.123668186	0.417567033	4.567557917
24	0.723687803	0.216819922	0.775859839	0.350756523	0.914060307	0.041767417	0.857126258	0.354057808	0.487509894	0.154873389	4.447375607
25	0.299186889	0.235921799	0.252486095	0.198743166	0.938260737	0.417456806	0.524447697	0.815177849	0.497179117	0.409955977	3.598373778
26	0.464873148	0.039127127	0.48641135	0.294357365	0.20183082	0.120059197	0.216308533	0.361827417	0.630635926	0.575123851	3.929746295
27	0.247962181	0.029988223	0.6810287	0.505038111	0.89335906	0.294347431	0.72828636	0.019731199	0.817968324	0.948764785	3.495924362
28	0.179266704	0.584764619	0.487954388	0.948810028	0.50837116	0.286797792	0.933772215	0.531163783	0.723581152	0.015615181	3.358533407
29	0.450831105	0.229166823	0.131288417	0.040366325	0.167730374	0.764604389	0.558448328	0.519018083	0.226416422	0.377740495	3.901662211
30	0.161143548	0.878085546	0.804454385	0.024324107	0.540992986	0.218505617	0.423997313	0.076157407	0.572221504	0.47038881	3.322287095
31	0.941973712	0.404608305	0.241534485	0.968507751	0.525724259	0.010711352	0.713597785	0.118300512	0.565714999	0.505757757	4.883947425
32	0.984062716	0.589339933	0.500244194	0.447692553	0.281173928	0.609724943	0.311731926	0.706522788	0.317796896	0.135534208	4.968125431
33	0.231818381	0.731500763	0.225938743	0.368813239	0.010087421	0.694796019	0.664490343	0.983214693	0.232365272	0.361857731	3.463636763
34	0.8829936	0.963300775	0.286626798	0.960967129	0.73643648	0.366688834	0.75686918	0.023320364	0.918402801	0.987462779	4.765987199
35	0.112774948	0.096000102	0.606281347	0.420998548	0.720375299	0.295334471	0.649926455	0.630229766	0.303942916	0.183852783	3.225549897
36	0.065045805	0.193003442	0.825558474	0.324617676	0.901398499	0.807692317	0.658530185	0.1533223	0.01157099	0.768711885	3.13009161
37	0.946541241	0.626448658	0.145712583	0.845249502	0.143753625	0.472427302	0.126540046	0.259605903	0.449011958	0.462596396	4.893082482
38	0.753474304	0.57775656	0.000350097	0.174291589	0.736991016	0.809609545	0.70939369	0.834618266	0.552561194	0.780472644	4.506948608
39	0.785945871	0.575435557	0.859849429	0.059111198	0.649083439	0.835838678	0.947869964	0.551402775	0.789123423	0.060563657	4.571891742
40	0.459383897	0.357366904	0.697979481	0.568297785	0.03284125	0.627744875	0.548958835	0.787106509	0.181403864	0.385784034	3.918767793
41	0.809427591	0.740499967	0.138015787	0.581430939	0.073873959	0.18565447	0.438310718	0.850021887	0.189793523	0.830472875	4.618855182
42	0.220287366	0.083681988	0.380897693	0.829942417	0.645478113	0.07508148	0.753606442	0.850577884	0.510810395	0.755722836	3.440574733
43	0.212314458	0.246510748	0.984189371	0.222365074	0.528907532	0.160066017	0.049394805	0.380963883	0.418866337	0.920223902	3.424628916
44	0.360028002	0.844108908	0.746486869	0.043664721	0.924787703	0.613528898	0.611954778	0.985753091	0.216758568	0.966938859	3.720056004
45	0.184843789	0.809903645	0.443947445	0.068838	0.788610093	0.688995983	0.095459072	0.961730875	0.413013036	0.899845782	3.369687577
46	0.350795049	0.608905516	0.622819206	0.222666937	0.247260502	0.716512982	0.499377418	0.688798674	0.140431644	0.048534396	3.701590098
47	0.931903762	0.559588635	0.223049307	0.591862354	0.240792521	0.857099195	0.4824169	0.503234018	0.822540919	0.68848924	4.863807523
48	0.07095693	0.732528328	0.122914691	0.398585722	0.573288799	0.767767703	0.855021704	0.072100481	0.7328482	0.031855159	3.14191386
49	0.467911286	0.540631123	0.816863317	0.15870081	0.492143777	0.347868493	0.791059077	0.013077787	0.446083379	0.842048102	3.935822573
50	0.769259693	0.273393465	0.466924806	0.800376403	0.080704485	0.869232862	0.756011548	0.697920995	0.195587818	0.744900592	4.538519385
51	0.844366595	0.282831842	0.078966899	0.352069233	0.188005264	0.054526274	0.849767301	0.122659301	0.831336452	0.091957581	4.68873319
52	0.872381855	0.353522803	0.640828477	0.390753391	0.933969153	0.313816193	0.535242838	0.15230666	0.538586979	0.500477442	4.744763711
53	0.437584403	0.282713163	0.362406598	0.100388408	0.011445584	0.389534281	0.461490075	0.091352532	0.16432641	0.097471198	3.875168806
54	0.946687707	0.428761943	0.798891285	0.231751023	0.813921381	0.303423159	0.421714998	0.129090654	0.185400692	0.747956086	4.893375415
55	0.924967026	0.209732118	0.867671859	0.665573098	0.730444552	0.87069653	0.243869079	0.32266408	0.849893282	0.337817885	4.849934052
56	0.891395523	0.286095133	0.241539598	0.695765502	0.589968839	0.94617299	0.509559517	0.653247771	0.115201851	0.962931939	4.782791046
57	0.472559288	0.109175393	0.160604512	0.583861476	0.185500487	0.620327456	0.800585564	0.372845649	0.935753976	0.059704659	3.945118576
58	0.243751224	0.867176134	0.223829135	0.378553452	0.003748149	0.40463138	0.474917054	0.129189798	0.62090161	0.137355503	3.487502448
59	0.849770673	0.574829379	0.956359887	0.427555066	0.098738862	0.5897233	0.87592016	0.25057784	0.905288337	0.190467033	4.699541346
60	0.291022321	0.666742386	0.268832269	0.400347818	0.689576672	0.483086333	0.298260653	0.929034243	0.440555427	0.416594475	3.582044641
61	0.752153749	0.921310795	0.758950734	0.756600358	0.032098753	0.076999071	0.169679479	0.277983659	0.188549899	0.548038739	4.504307498
62	0.928214628	0.216891939	0.439759999	0.808166455	0.253281062	0.414506458	0.129187295	0.157915105	0.724037548	0.933496753	4.856429255
63	0.587443845	0.854820099	0.943181417	0.393830528	0.342974976	0.873468791	0.600672956	0.235056955	0.894513088	0.304332521	4.174887689
64	0.114665585	0.940349905	0.966672914	0.486835766	0.802415074	0.422346395	0.154241627	0.923148236	0.897643823	0.170172536	3.229331171
65	0.656092825	0.851167245	0.307572067	0.786613835	0.760906273	0.425591923	0.85078057	0.903681414	0.725753151	0.122348869	4.312185651
66	0.446408824	0.401709793	0.099495576	0.13365704	0.631377649	0.951003923	0.225226726	0.798146101	0.771377943	0.063043293	3.892817649
67	0.21798989	0.966380841	0.627362801	0.621463445	0.02221628	0.095966963	0.295302375	0.76030377	0.90163123	0.027513572	3.43597978
68	0.314487124	0.272757383	0.186716693	0.003378497	0.57008862	0.543484369	0.762160343	0.689686691	0.170473438	0.062443917	3.628974248
69	0.310641397	0.258016637	0.452112393	0.528697926	0.858589947	0.800832957	0.517216134	0.388058279	0.397886859	0.728262671	3.621282793
70	0.966385183	0.060218275	0.927869784	0.532917193	0.22804309	0.290338031	0.011625129	0.23781527	0.365036978	0.964594549	4.932770366
71	0.976543867	0.825205671	0.331154823	0.553363727	0.122883647	0.746446328	0.711370925	0.434534465	0.758112819	0.682070717	4.953087734
72	0.032024012	0.359327137	0.305612444	0.638959259	0.135418829	0.754077487	0.170277785	0.871373624	0.939688169	0.775648701	3.064048024
73	0.692098975	0.538299168	0.195693051	0.389140231	0.86826065	0.455656211	0.952569257	0.544774754	0.5418866	0.955488656	4.38419795
74	0.549266979	0.238229783	0.758369251	0.926266817	0.241288965	0.634136245	0.390257376	0.760337666	0.458513155	0.038896522	4.098533957
75	0.598015405	0.135891632	0.247528688	0.89952175	0.650107432	0.942774187	0.095061978	0.823161178	0.786752536	0.610891155	4.19603081
76	0.189671749	0.05686899	0.389947848	0.831248501	0.042696416	0.123289678	0.8044133	0.790981734	0.348869158	0.984779808	3.379343498
77	0.938636809	0.346681422	0.801656282	0.709118817	0.760428816	0.987904011	0.56673318	0.273703141	0.153624458	0.321157128	4.877273619
78	0.269652438	0.929498453	0.056707492	0.849915664	0.724954816	0.734906103	0.553459496	0.942469167	0.11637158	0.387168475	3.539304876
79	0.579997458	0.5497785	0.284641518	0.753823011	0.00037866	0.935650787	0.828487776	0.163702251	0.244571604	0.956193421	4.159994915
80	0.982044165	0.851055953	0.614215351	0.688225948	0.889846968	0.646029071	0.756380404	0.576163518	0.547727614	0.567416385	4.96408833
81	0.06623754	0.136804095	0.884837929	0.851905557	0.481833637	0.171311444	0.411503085	0.687201731	0.516190908	0.530204743	3.132475079
82	0.750641843	0.47063702	0.085268026	0.405936973	0.146334688	0.160199935	0.19855432	0.644439181	0.065234055	0.354227175	4.501283686
83	0.334081106	0.918850903	0.171331882	0.132878022	0.081823573	0.539417502	0.804894536	0.058073706	0.735681857	0.702661851	3.668162211
84	0.990840958	0.757383533	0.697235684	0.360419064	0.183041511	0.383063812	0.901539073	0.751964589	0.509171787	0.732627304	4.981681916
85	0.215729777	0.868014954	0.21264245	0.902804734	0.283569011	0.377441648	0.938053449	0.227092089	0.477171685	0.910751836	3.431459555
86	0.219856315	0.098070939	0.592059768	0.906825031	0.915529808	0.232432634	0.865745932	0.7503146	0.003962515	0.371776113	3.43971263
87	0.510426353	0.713367322	0.612488217	0.485865431	0.352544205	0.293483732	0.263692699	0.420149078	0.764166743	0.079443717	4.020852706
88	0.391074642	0.792081855	0.885225757	0.675453871	0.248430194	0.442448931	0.761924893	0.913040206	0.040943638	0.120487727	3.782149285
89	0.209599055	0.35452961	0.103873115	0.256173905	0.990407652	0.557418589	0.092938536	0.083509557	0.402522879	0.020323671	3.419198109
90	0.049536901	0.337407826	0.41429122	0.718468294	0.87388737	0.20864971	0.955643762	0.501698863	0.499016026	0.878500634	3.099073803
91	0.853250876	0.882851677	0.756038174	0.326857437	0.657184007	0.121383283	0.564811965	0.960698024	0.790547752	0.730624334	4.706501752
92	0.157211259	0.650286554	0.416398725	0.288787157	0.195033432	0.739343837	0.548244972	0.007676363	0.956793205	0.964767295	3.314422517
93	0.624458986	0.916411341	0.851837136	0.790133165	0.479785555	0.877307421	0.450421995	0.514388314	0.211525411	0.239165516	4.248917971
94	0.050887643	0.551805311	0.617285172	0.320156918	0.697312972	0.846766531	0.118674908	0.714759541	0.765749247	0.803756932	3.101775285
95	0.728613855	0.608897484	0.618182879	0.297525809	0.012314186	0.783732106	0.970283997	0.840728351	0.718855315	0.600730651	4.45722771
96	0.082853877	0.039698814	0.523840941	0.148465748	0.180633207	0.184136582	0.817736198	0.789690636	0.451217781	0.752082997	3.165707754
97	0.418756558	0.209768922	0.847955763	0.042453833	0.502327947	0.151574595	0.329815463	0.453830203	0.967219499	0.870702241	3.837513115
98	0.198890867	0.857526897	0.119954847	0.316025914	0.182861038	0.842197675	0.356316021	0.463641129	0.890832996	0.977548991	3.397781733
99	0.681633666	0.665552907	0.261483829	0.075463631	0.374890284	0.948516016	0.302272221	0.715686095	0.658443282	0.803377047	4.363267332
100	0.389506509	0.020023024	0.601495618	0.000561755	0.015208703	0.19200584	0.191067756	0.155658802	0.066636111	0.327612743	3.779013017

Trials	Time Design	AtB Time	Time Prototype	BtC Time	Time Infrastructure & Mat	Time Labor	Time Testing QA	Time Revision	CtDtE Time	Time Manufacture	EtF Time	Time Marketing	Time Distribution	FtG Time	Time Total
1	5.695722735	5.695722735	7.699023695	7.699024	4.039940169	4.20579626	1.254340313	3.584880988	9.045017561	15.20835388	15.20835388	12.74439772	5.681053236	12.74439772	50.39251559
2	5.844513409	5.844513409	7.440737706	7.440738	4.177317994	4.23931164	1.643820598	3.526329196	9.409461434	15.57611833	15.57611833	12.96927353	5.820944433	12.96927353	51.24010441
3	5.42953527	5.42953527	6.952889235	6.952889	4.046311308	4.411616902	1.892391434	2.426517339	8.730525675	15.08925067	15.08925067	10.64436079	5.489570607	10.64436079	46.84656164
4	5.519908941	5.519908941	7.529100688	7.529101	4.285193147	4.043054856	1.062225023	3.592987986	8.940406156	15.32731366	15.32731366	10.63461182	5.531690973	10.63461182	47.95134127
5	5.688721099	5.688721099	7.683676045	7.683676	4.429167935	4.272354951	1.959366427	2.90238836	9.290922723	14.82562979	14.82562979	14.48086063	5.29393484	14.48086063	51.96981028
6	5.045305048	5.045305048	7.265302554	7.265303	3.810380408	4.552622731	1.092195052	3.297557009	8.942374792	15.26132315	15.26132315	14.73480546	5.052919851	14.73480546	51.249111
7	5.098728164	5.098728164	6.377160214	6.37716	3.712992562	4.387260531	1.808220768	3.768776194	9.964257493	15.3778886	15.3778886	13.07399375	5.336683189	13.07399375	49.89202822
8	5.173971236	5.173971236	7.695391585	7.695392	4.394485969	4.470682577	1.054855108	3.415095208	8.940632894	14.86676286	14.86676286	12.21334658	5.664907426	12.21334658	48.89010516
9	5.037975376	5.037975376	8.32169699	8.321697	4.111410552	4.73433135	1.417810851	3.779112228	9.931254429	14.38406125	14.38406125	11.87122174	5.797555659	11.87122174	49.54620978
10	5.719355073	5.719355073	7.576064833	7.576065	3.827696127	4.240721563	1.746971879	2.353524642	8.341218083	14.52637808	14.52637808	13.38362371	5.644236532	13.38362371	49.54663978
11	5.371664306	5.371664306	7.119194902	7.119195	4.31646033	4.798558059	1.279043035	3.647845757	9.725446851	14.37754689	14.37754689	12.66515263	5.287685843	12.66515263	49.25900558
12	5.985595685	5.985595685	8.320718482	8.320718	4.090533241	4.418766186	1.819383486	3.067783886	9.305933558	15.83567829	15.83567829	10.92866226	5.649956366	10.92866226	50.37658828
13	4.705525025	4.705525025	7.631299062	7.631299	4.194306405	4.355300504	1.045674399	3.075398888	8.476373791	14.97788688	14.97788688	14.05366439	5.577020235	14.05366439	49.84474915
14	5.074003998	5.074003998	7.597981497	7.597981	4.60461383	4.781986351	1.539831937	3.825876797	10.14769509	14.48514226	14.48514226	14.87057726	5.483062179	14.87057726	52.1754001
15	5.121521782	5.121521782	7.412996948	7.412997	3.551015995	4.703099548	1.525665456	3.901655797	10.1304208	14.91508447	14.91508447	11.63737149	5.78470062	11.63737149	49.21739549
16	5.257876012	5.257876012	7.430468343	7.430468	3.647305191	4.508421841	1.583920916	3.476227453	9.56857021	16.0255807	16.0255807	13.49812753	5.258655795	13.49812753	51.78062279
17	4.309332436	4.309332436	7.602931398	7.602931	4.109294647	4.817664709	1.597055575	2.483760864	8.898481148	16.69181418	16.69181418	12.54122477	5.652182251	12.54122477	50.04378394
18	5.502417675	5.502417675	7.053355906	7.053356	4.208068919	4.625590426	1.206653864	2.765927373	8.598171662	16.04718211	16.04718211	13.86614565	5.408412997	13.86614565	51.067273
19	5.29499552	5.29499552	6.864646297	6.864646	4.086105543	4.600389471	1.322448518	2.832300793	8.755138781	14.99148984	14.99148984	13.93228645	4.974042641	13.93228645	49.83855689
20	5.06764952	5.06764952	7.346997983	7.346998	3.682505027	4.079010056	1.44819136	3.530415273	9.057616689	16.0985815	16.0985815	14.14708128	5.663463686	14.14708128	51.71792697
21	5.422144364	5.422144364	7.513256291	7.513256	4.139415796	4.1855848	1.879977474	2.254338236	8.319900511	15.42300171	15.42300171	13.26385413	5.791941729	13.26385413	49.94215701
22	5.821274571	5.821274571	7.26791561	7.267916	4.195303559	4.455471278	1.510568446	3.183980239	9.150019963	16.00104949	16.00104949	11.03254779	5.295011438	11.03254779	49.27280743
23	4.504602329	4.567557917	8.108877611	8.108878	4.161036166	4.113512522	1.004930029	2.759869204	7.9258354	14.74111913	14.74111913	11.65351057	5.397582735	11.65351057	46.99690063
24	5.044898103	5.044898103	7.863227207	7.863227	3.876215766	4.914060307	1.041767417	3.673646669	9.629474393	15.43455894	15.43455894	11.77028904	5.085665906	11.77028904	49.74244769
25	5.072266467	5.072266467	7.179552861	7.179553	3.730795176	4.938260737	1.417456806	3.124726704	9.480444247	15.45150924	15.45150924	14.07588924	5.390487541	14.07588924	51.25966206
26	4.64053842	4.64053842	7.483432093	7.483432	3.8260443	4.20183082	1.120059197	2.70982646	8.031716477	15.69490413	15.69490413	11.80913708	5.534357473	11.80913708	47.65972821
27	4.595772528	4.595772528	7.72751892	7.727519	4.004094556	4.89335906	1.294347431	3.421466458	9.609172949	16.11532648	16.11532648	10.09865599	5.872609835	10.09865599	48.14644687
28	5.454361542	5.454361542	7.485313949	7.485314	4.494275983	4.50837116	1.286797792	3.905011191	9.700180144	15.88491822	15.88491822	12.65581891	4.647789881	12.65581891	51.18059277
29	5.062738711	5.062738711	6.972782994	6.972783	3.476570804	4.167730374	1.764604389	3.170405533	9.102740296	14.96652846	14.96652846	12.59509041	5.359724949	12.59509041	48.69988088
30	5.748584906	5.748584906	7.909095511	7.909096	3.421235767	4.540992986	1.218505617	2.993024903	8.752523506	15.58557602	15.58557602	10.38078703	5.445309561	10.38078703	48.37656698
31	5.274948365	5.274948365	7.163299943	7.1633	4.551624942	4.525724259	1.010711352	3.397403015	8.95973931	15.57371978	15.57371978	10.59150256	5.476048708	10.59150256	47.56320996
32	5.458720749	5.458720749	7.500297684	7.500298	3.957386815	4.281173928	1.609724943	2.84495476	8.735853631	15.13752185	15.13752185	13.53261394	5.051707453	13.53261394	50.36500785
33	5.594365925	5.594365925	7.139559523	7.13956	3.891709283	4.010087421	1.694796019	3.320986366	9.025869805	14.97821254	14.97821254	14.91607346	5.344072705	14.91607346	51.65408125
34	5.870606025	5.870606025	7.228354522	7.228355	4.527374332	4.73643648	1.366688834	3.470288059	9.573413373	16.46396289	16.46396289	10.11660182	5.939796102	10.11660182	49.25293863
35	4.822583929	4.822583929	7.630881544	7.630882	3.935438177	4.720375299	1.295334471	3.299313421	9.315023191	15.1125203	15.1125203	13.15114883	5.131574153	13.15114883	50.0321578
36	5.00872931	5.00872931	7.945181096	7.945181	3.853341757	4.901398499	1.807692317	3.312069013	10.02115983	14.29852196	14.29852196	10.7666115	5.693403227	10.7666115	48.04020369
37	5.49396594	5.49396594	7.001689683	7.00169	4.320678934	4.143753625	1.472427302	2.561235939	8.354342175	15.36746282	15.36746282	11.29802951	5.438418325	11.29802951	47.51549013
38	5.447675871	5.447675871	6.245675648	6.245676	3.703036359	4.736991016	1.809609545	3.390629208	9.937229769	15.54990919	15.54990919	14.17309133	5.70340149	14.17309133	51.35358181
39	5.445459128	5.445459128	8.009254051	8.009254	3.524528132	4.649083439	1.835838678	3.966026139	10.45094826	16.03900929	16.03900929	12.75701388	4.873232362	12.75701388	52.7016846
40	5.223284772	5.223284772	7.750422316	7.750422	4.055735712	4.03284125	1.627744875	3.157567149	8.841047736	14.87428357	14.87428357	13.93553254	5.367523546	13.93553254	50.62457094
41	5.603147632	5.603147632	6.986479986	6.98648	4.066570586	4.073873959	1.18565447	3.011658849	8.271187279	14.89206812	14.89206812	14.25010943	5.747273025	14.25010943	50.00299245
42	4.791141091	4.791141091	7.352940162	7.35294	4.301974469	4.645478113	1.07508148	3.464567414	9.185127006	15.4755008	15.4755008	14.25288942	5.682463881	14.25288942	51.05759848
43	5.086895813	5.086895813	8.429520694	8.429521	3.756007987	4.528907532	1.160066017	2.384452943	8.073426492	15.31512582	15.31512582	11.90481942	5.837120086	11.90481942	48.80978824
44	5.709736101	5.709736101	7.818939268	7.818939	3.485962455	4.924787703	1.613528898	3.2444798	9.782796401	14.94733667	14.94733667	14.92876546	5.899530543	14.92876546	53.18757389
45	5.673066385	5.673066385	7.431478978	7.431479	3.545473091	4.788610093	1.688995983	2.499324639	8.976930716	15.30496141	15.30496141	14.80865438	5.814645749	14.80865438	52.19509186
46	5.477322427	5.477322427	7.651775319	7.651775	3.756321476	4.247260502	1.716512982	3.091527738	9.055301222	14.78212654	14.78212654	13.44399337	4.830842303	13.44399337	50.41051887
47	5.430285557	5.430285557	7.135077421	7.135077	4.075220994	4.240792521	1.857099195	3.069237771	9.167129487	16.12806041	16.12806041	12.51617009	5.62698689	12.51617009	50.37672297
48	5.595366289	5.595366289	6.955151706	6.955152	3.916818135	4.573288799	1.767767703	3.668613184	10.00966969	15.90543055	15.90543055	10.3605024	4.756720812	10.3605024	48.82612063
49	5.412028093	5.412028093	7.930051113	7.930051	3.684241821	4.492143777	1.347868493	3.532951116	9.372963386	15.36237538	15.36237538	10.06538894	5.757852357	10.06538894	48.14280691
50	5.122533361	5.122533361	7.459640832	7.459641	4.268239154	4.080704485	1.869232862	3.468780387	9.606252403	14.90417597	14.90417597	13.48960497	5.673420106	13.48960497	50.58220754
51	5.134589509	5.134589509	6.848003477	6.848003	3.877349929	4.188005264	1.054526274	3.656241542	8.89877308	16.15311723	16.15311723	10.61329651	4.960550532	10.61329651	47.6477798
52	5.218947948	5.218947948	7.674803417	7.674803	3.910258772	4.933969153	1.313816193	3.139137436	9.386922782	15.52482385	15.52482385	10.7615333	5.471511149	10.7615333	48.5670313
53	5.134439263	5.134439263	7.329356588	7.329357	3.602566149	4.011445584	1.389534281	3.041868916	8.442848781	14.837046	14.837046	10.45676266	4.973569946	10.45676266	46.20045329
54	5.300360895	5.300360895	7.899922679	7.899923	3.765662668	4.813921381	1.303423159	2.990053496	9.107398036	14.88279485	14.88279485	10.64545327	5.675967565	10.64545327	47.83592973
55	5.034389462	5.034389462	8.025074066	8.025074	4.138006019	4.730444552	1.87069653	2.750401251	9.351542332	16.20871333	16.20871333	11.6133204	5.319677601	11.6133204	50.23303959
56	5.138707733	5.138707733	7.163307608	7.163308	4.16493629	4.589968839	1.94617299	3.104970526	9.641112356	14.71944614	14.71944614	13.26623885	5.893153383	13.26623885	49.92881269
57	4.853409078	4.853409078	7.029883603	7.029884	4.068582379	4.185500487	1.620327456	3.551423157	9.357251101	16.55067462	16.55067462	11.86422824	4.870420764	11.86422824	49.65544665
58	5.735780427	5.735780427	7.136289809	7.13629	3.899978339	4.003748149	1.40463138	3.059414898	8.467794428	15.67627135	15.67627135	10.64594899	5.055041175	10.64594899	47.662085
59	5.444879961	5.444879961	8.271158698	8.271159	3.940849039	4.098738862	1.5897233	3.720821021	9.409283183	16.40641796	16.40641796	11.2528892	5.141369641	11.2528892	50.78462899
60	5.532200879	5.532200879	7.203244481	7.203244	3.918289796	4.689576672	1.483086333	2.826644495	8.9993075	15.35277565	15.35277565	14.64517121	5.396679496	14.64517121	51.73269972
61	5.803825343	5.803825343	7.837427783	7.837428	4.222605933	4.032098753	1.076999071	2.636659418	7.936264422	14.88945125	14.88945125	11.38991829	5.511840908	11.38991829	47.8568871
62	5.045003845	5.045003845	7.426328131	7.426328	4.27686027	4.253281062	1.414506458	2.566161296	8.257528024	15.8859202	15.8859202	10.78957553	5.852889845	10.78957553	47.40435573
63	5.721672869	5.721672869	8.221099834	8.2211	3.912839377	4.342974976	1.873468791	3.228588181	9.445031947	16.36299155	16.36299155	11.17528477	5.284053012	11.17528477	50.92608098
64	5.831668615	5.831668615	8.318075991	8.318076	3.989299815	4.802415074	1.422346395	2.610733444	8.835494914	16.37529506	16.37529506	14.61574118	5.110552688	14.61574118	53.97627576
65	5.717573532	5.717573532	7.257129537	7.25713	4.253412587	4.760906273	1.425591923	3.658606161	9.845104357	15.88969417	15.88969417	14.51840707	5.02660366	14.51840707	53.22790867
66	5.271857327	5.271857327	6.90167835	6.901678	3.651767162	4.631377649	1.951003923	2.723134686	9.305516257	15.99499114	15.99499114	13.99073051	4.881188904	13.99073051	51.46477358
67	5.87653301	5.87653301	7.657556153	7.657556	4.100035957	4.02221628	1.095966963	2.822598262	8.018601182	16.3913294	16.3913294	13.80151885	4.732741524	13.80151885	51.7455386
68	5.121712862	5.121712862	7.076068224	7.076068	3.267634461	4.57008862	1.543484369	3.479653598	9.593226588	14.8506213	14.8506213	13.44843346	4.879286811	13.44843346	50.09006243
69	5.102398409	5.102398409	7.441504277	7.441504	4.023339702	4.858589947	1.800832957	3.115114636	9.77453754	15.27866674	15.27866674	11.94029139	5.659620057	11.94029139	49.53739836
70	4.721416387	4.932770366	8.171814685	8.171815	4.026777334	4.22804309	1.290338031	2.22426968	7.742650801	15.22129191	15.22129191	11.18907635	5.895762468	11.18907635	47.25760411
71	5.689228736	5.689228736	7.288676205	7.288676	4.043478014	4.122883647	1.746446328	3.393808975	9.26313895	15.96330585	15.96330585	12.17267232	5.621750912	12.17267232	50.37702207
72	5.225487835	5.225487835	7.25446969	7.25447	4.114932309	4.135418829	1.754077487	2.637644231	8.527140548	16.57252863	16.57252863	14.35686812	5.699288808	14.35686812	51.93649483
73	5.409773009	5.409773009	7.091149291	7.091149	3.908903996	4.86826065	1.455656211	3.98892077	10.31283763	15.53072892	15.53072892	12.72387377	5.882024256	12.72387377	51.06836262
74	5.07548621	5.07548621	7.83655576	7.836556	4.444709024	4.241288965	1.634136245	2.949035916	9.027881185	15.38397925	15.38397925	13.80168833	4.790871654	13.80168833	51.12559074
75	4.90921796	4.90921796	7.172235834	7.172236	4.397288658	4.650107432	1.942774187	2.498475456	9.091357075	16.03301104	16.03301104	14.11580589	5.563751222	14.11580589	51.32162779
76	4.710035878	4.710035878	7.364373633	7.364374	4.303533688	4.042696416	1.123289678	3.558988039	8.985811405	15.1928339	15.1928339	13.95490867	5.933378166	13.95490867	50.20796348
77	5.2111741	5.2111741	7.90446549	7.904465	4.177157658	4.760428816	1.987904011	3.181678671	9.930011497	14.81289999	14.81289999	11.3685157	5.302212464	11.3685157	49.22706679
78	5.81543857	5.81543857	6.778512454	6.778512	4.326582138	4.724954816	1.734906103	3.163646663	9.623507582	14.72248355	14.72248355	14.71234584	5.368857561	14.71234584	51.652288
79	5.420853654	5.420853654	7.225585205	7.225585	4.219847065	4.00037866	1.935650787	3.608688334	9.764186187	15.00188725	15.00188725	10.81851125	5.883043362	10.81851125	48.23102355
80	5.717449115	5.717449115	7.640877703	7.640878	4.158125312	4.889846968	1.646029071	3.469428468	10.00530451	15.54120918	15.54120918	12.88081759	5.527976802	12.88081759	51.78565809
81	4.910994907	4.910994907	8.061814005	8.061814	4.329130767	4.481833637	1.171311444	2.97675395	8.629899031	15.48500591	15.48500591	13.43600866	5.496852354	13.43600866	50.52372251
82	5.343151041	5.343151041	6.86532388	6.865324	3.922948443	4.146334688	1.160199935	2.682742022	7.989276645	14.57144558	14.57144558	13.2221959	5.336425632	13.2221959	47.99139305
83	5.800426782	5.800426782	7.0493109	7.049311	3.650703556	4.081823573	1.539417502	3.559945171	9.181186247	15.9117751	15.9117751	10.29036853	5.638571808	10.29036853	48.23306756
84	5.619763567	5.619763567	7.749407519	7.749408	3.884534721	4.183041511	1.383063812	3.793215511	9.359320834	15.47261023	15.47261023	13.75982295	5.663229423	13.75982295	51.9609251
85	5.736752669	5.736752669	7.118697805	7.118698	4.402646958	4.283569011	1.377441648	3.922498696	9.702587302	15.41648801	15.41648801	11.13546045	5.826449542	11.13546045	49.10998623
86	4.827604477	4.827604477	7.613077685	7.613078	4.409362907	4.915529808	1.232432634	3.694762283	9.842724725	14.20377987	14.20377987	13.751573	5.353887641	13.751573	50.23875976
87	5.576801517	5.576801517	7.638697486	7.638697	3.988510836	4.352544205	1.293483732	2.778690637	8.424718573	15.9776459	15.9776459	12.10074539	4.928793525	12.10074539	49.71860887
88	5.654647986	5.654647986	8.062680314	8.06268	4.146721675	4.248430194	1.442448931	3.479234465	9.170113591	14.4769188	14.4769188	14.56520103	5.022911845	14.56520103	51.92956172
89	5.22008594	5.22008594	6.912210906	6.912211	3.789969827	4.990407652	1.557418589	2.49390458	9.041730821	15.28673124	15.28673124	10.41754778	4.685856038	10.41754778	46.8783067
90	5.20051815	5.20051815	7.394830633	7.394831	4.185845604	4.87388737	1.20864971	4.004779197	10.08731628	15.45473537	15.45473537	12.50849432	5.792721517	12.50849432	50.64589475
91	5.754295432	5.754295432	7.833069515	7.83307	3.85532506	4.657184007	1.121383283	3.179058879	8.957626169	16.04263118	16.04263118	14.80349012	5.661572168	14.80349012	53.39111242
92	5.516572082	5.516572082	7.397449649	7.39745	3.82090626	4.195033432	1.739343837	3.156604378	9.090981647	16.68121043	16.68121043	10.03838181	5.89603647	10.03838181	48.72459562
93	5.797094043	5.797094043	7.993564226	7.993564	4.257157667	4.479785555	1.877307421	3.027434599	9.384527576	14.93681414	14.93681414	12.57194157	5.207510074	12.57194157	50.68394156
94	5.422805004	5.422805004	7.644758801	7.644759	3.849377594	4.697312972	1.846766531	2.546317433	9.090396936	15.98142723	15.98142723	13.5737977	5.72351693	13.5737977	51.71318568
95	5.477314801	5.477314801	7.645895221	7.645895	3.828950028	4.012314186	1.783732106	4.093448875	9.889495167	15.87459146	15.87459146	14.20364176	5.55543199	14.20364176	53.0909384
96	4.643085799	4.643085799	7.529077807	7.529078	3.671346248	4.180633207	1.184136582	3.58601385	8.950783639	15.37129566	15.37129566	13.94845318	5.679415555	13.94845318	50.44269608
97	5.034444562	5.034444562	7.986135535	7.986136	3.482572459	4.502327947	1.151574595	2.869271521	8.523174063	16.76352431	16.76352431	12.26915102	5.785026286	12.26915102	50.57642948
98	5.724730646	5.724730646	6.948751419	6.948751	3.845689126	4.182861038	1.842197675	2.90447321	8.929531923	16.34883139	16.34883139	12.31820564	5.918253226	12.31820564	50.27005102
99	5.531069973	5.531069973	7.192673261	7.192673	3.558661108	4.374890284	1.948516016	2.832116331	9.155522631	15.74925266	15.74925266	13.57843047	5.723184816	13.57843047	51.20694899
100	4.534287365	4.534287365	7.624874749	7.624875	3.181146998	4.015208703	1.19200584	2.671056974	7.878271517	14.57626692	14.57626692	10.77829401	5.309037891	10.77829401	45.39199456

101	0.619599783	0.974241681	0.0945351	0.171823811	0.980711596	0.492909283	0.41016168	0.176133923	0.044738449	0.244229017	4.239199566	5.89282973	5.89282973	6.889393378	6.889393	3.700123856	4.980711596	1.492909283	2.97500619	9.448627069	14.49340149	14.49340149	10.88066961	5.213879874	10.88066961	47.60492128
102	0.120920413	0.337662016	0.078350848	0.749052019	0.958312452	0.16352993	0.217855736	0.137137554	0.215317191	0.660700508	3.241840826	5.200812107	5.200812107	6.846263709	6.846264	4.215140305	4.958312452	1.16352993	2.712148612	8.833990994	14.9444474	14.9444474	10.68568777	5.604346224	10.68568777	46.51120197
103	0.933547163	0.595243022	0.36229975	0.361582083	0.070426872	0.571588474	0.861258969	0.832610216	0.526261195	0.588134129	4.867094327	5.464339209	5.464339209	7.329219362	7.329219	3.885531572	4.070426872	1.571588474	3.683667594	9.325682941	15.5028563	15.5028563	14.16305108	5.545086708	14.16305108	51.7851489
104	0.676085256	0.449784701	0.557420067	0.84366334	0.211325851	0.656270724	0.910951322	0.70174143	0.020219698	0.640607608	4.352170512	5.322024917	5.322024917	7.57020242	7.570202	4.318694858	4.211325851	1.656270724	3.822924887	9.797890469	14.36599767	14.36599767	13.50870715	5.587992244	13.50870715	50.56482262
105	0.987803549	0.634141769	0.923589601	0.669947569	0.440165226	0.229174719	0.494586985	0.026206155	0.921362919	0.730016758	4.975607097	5.501260345	5.501260345	8.159273872	8.159274	4.141853787	4.440165226	1.229174719	3.085220079	8.754560025	16.4778007	16.4778007	10.13103078	5.66106976	10.13103078	49.02392571
106	0.967846463	0.404593038	0.384869728	0.111528535	0.814652503	0.569512841	0.506837093	0.356092731	0.771799526	0.233289009	4.935692926	5.274932108	5.274932108	7.357966391	7.357966	3.619999933	4.814652503	1.569512841	3.10137123	9.485536574	15.9960144	15.9960144	11.78046366	5.200011585	11.78046366	49.89491313
107	0.480654781	0.851349585	0.587553586	0.54507304	0.039371932	0.106539599	0.627870865	0.968294201	0.054953106	0.793428878	3.961309562	5.717777439	5.717777439	7.607464039	7.607464	4.036696598	4.039371932	1.106539599	3.267194159	8.413105689	14.53427327	14.53427327	14.841471	5.714536442	14.841471	51.11409144
108	0.792259347	0.074229872	0.070352792	0.471557165	0.987555899	0.12834601	0.918017274	0.04005468	0.129189815	0.420105878	4.584518695	4.764863157	4.764863157	6.822836961	6.822837	3.976868057	4.987555899	1.12834601	3.846639322	9.962541231	14.75488795	14.75488795	10.2002734	5.399936022	10.2002734	46.5054027
109	0.107358326	0.949746036	0.914374375	0.921106744	0.523831901	0.369717302	0.856328633	0.383436631	0.501509256	0.859134636	3.214716653	5.846697903	5.846697903	8.133717752	8.133718	4.434802693	4.523831901	1.369717302	3.671733568	9.565282772	15.45911747	15.45911747	11.91718316	5.77386574	11.91718316	50.92199906
110	0.047740211	0.988195328	0.506976177	0.571772123	0.064273082	0.066413299	0.113702311	0.97193404	0.139082588	0.521177985	3.095480421	5.92877004	5.92877004	7.508504657	7.508505	4.058596522	4.064273082	1.066413299	2.53664834	7.667334721	14.77891028	14.77891028	14.8596702	5.489208022	14.8596702	50.74318989
111	0.828834993	0.632247206	0.327314179	0.309139014	0.026572233	0.283806199	0.42423025	0.203271202	0.279498661	0.967478732	4.657669986	5.499464017	5.499464017	7.283593398	7.283593	3.839501259	4.026572233	1.283806199	2.993328159	8.303706591	15.06774625	15.06774625	11.01635601	5.900414114	11.01635601	47.17086627
112	0.910164684	0.965271104	0.373582843	0.227107361	0.73789525	0.654956275	0.24543586	0.081917759	0.85897505	0.748776527	4.820329367	5.874371842	5.874371842	7.34364853	7.343649	3.76090969	4.73789525	1.654956275	2.752661864	9.14551339	16.23747576	16.23747576	10.40958879	5.676652359	10.40958879	49.01059832
113	0.016855152	0.268253883	0.167049749	0.392491241	0.814896899	0.763451792	0.0208284	0.465685726	0.437028397	0.58822598	3.033710304	5.115873793	5.115873793	7.041637397	7.041637	3.911716783	4.814896899	1.763451792	2.277520936	8.855869627	15.34665233	15.34665233	12.32842863	5.545162286	12.32842863	48.68846178
114	0.215804034	0.59148074	0.103905092	0.376332757	0.321612384	0.847294268	0.42711418	0.25620501	0.670480098	0.082944284	3.431608068	5.460759051	5.460759051	6.912286838	6.912287	3.898098082	4.321612384	1.847294268	2.997082554	9.165989206	15.77335749	15.77335749	11.28102505	4.938017278	11.28102505	48.59341763
115	0.766383222	0.730777168	0.528103646	0.485674784	0.501756618	0.752998741	0.71120334	0.543391691	0.292244998	0.292928425	4.532766443	5.593661834	5.593661834	7.53428355	7.534284	3.988355815	4.501756618	1.752998741	3.393539053	9.648294412	15.09120831	15.09120831	12.71695845	5.271415422	12.71695845	50.58440656
116	0.015696545	0.769255127	0.253379595	0.054421254	0.342702922	0.640758228	0.824165218	0.694662812	0.060342443	0.474608094	3.031393089	5.631574824	5.631574824	7.180864831	7.180865	3.51361282	4.342702922	1.640758228	3.599473088	9.582934238	14.55418138	14.55418138	13.47331406	5.449021754	13.47331406	50.42286933
117	0.036235077	0.459798749	0.847516668	0.632518789	0.514286768	0.184469247	0.869669146	0.138110305	0.944438989	0.739203299	3.072470154	5.332212428	5.332212428	7.985301845	7.985302	4.109426125	4.514286768	1.184469247	3.704656687	9.403412702	16.60027962	16.60027962	10.69055152	5.668681572	10.69055152	50.01175812
118	0.610540705	0.945049716	0.509455839	0.152902159	0.43397341	0.163313797	0.331403141	0.511112829	0.697466529	0.176567829	4.22108141	5.839056567	5.839056567	7.511528026	7.511528	3.676994745	4.43397341	1.163313797	2.87139381	8.468681017	15.82888883	15.82888883	12.55556415	5.120513733	12.55556415	50.20371859
119	0.572301426	0.614078759	0.659262848	0.650597083	0.876865233	0.462423412	0.434163965	0.428670663	0.148413419	0.695621927	4.144602852	5.482232712	5.482232712	7.698726925	7.698727	4.124955087	4.876865233	1.462423412	3.006259999	9.345548644	14.80088636	14.80088636	12.14335331	5.632812673	12.14335331	49.47074796
120	0.697700587	0.269028779	0.965329843	0.230873376	0.479520263	0.27472742	0.989184912	0.708038456	0.425914605	0.649127458	4.395401175	5.116882263	5.116882263	8.311446938	8.311447	3.764767818	4.479520263	1.27472742	4.278599962	10.03284764	15.32736124	15.32736124	13.54019228	5.594927775	13.54019228	52.32873037
121	0.746893577	0.030323475	0.462225069	0.849217159	0.142972119	0.695099058	0.257319581	0.166263555	0.857637744	0.606624754	4.493787153	4.597571911	4.597571911	7.453892524	7.453893	4.325691997	4.142972119	1.695099058	2.76966718	8.790458235	16.23316931	16.23316931	10.83131777	5.560260439	10.83131777	47.90640975
122	0.710112039	0.068218109	0.638581256	0.842492254	0.441160687	0.531210991	0.351128331	0.854801881	0.128052666	0.426108174	4.420224077	4.746964069	4.746964069	7.67191256	7.671913	4.317237127	4.441160687	1.531210991	2.897616262	8.869987941	14.75207455	14.75207455	14.27400941	5.405473652	14.27400941	50.31494852
123	0.141607129	0.708081466	0.568730705	0.42991461	0.513227152	0.0062283	0.972511374	0.142279255	0.192020116	0.143978626	3.283214258	5.571709806	5.571709806	7.58413797	7.584138	3.942792823	4.513227152	1.0062283	4.109566524	9.629021977	14.89673714	14.89673714	10.71139627	5.066915612	10.71139627	48.39300316
124	0.685708715	0.567762393	0.809718875	0.670019947	0.090033382	0.382038356	0.489734781	0.179865778	0.757876277	0.919892174	4.37141743	5.438120831	5.438120831	7.917899413	7.917899	4.141917594	4.090033382	1.382038356	3.078841047	8.602796997	15.96274951	15.96274951	10.89932889	5.836738936	10.89932889	48.82089564
125	0.940784848	0.1912884	0.969220964	0.173310061	0.330398269	0.444078207	0.846999817	0.262403116	0.299779546	0.357440168	4.881569697	5.006025138	5.006025138	8.331178234	8.331178	3.701880606	4.330398269	1.444078207	3.649833034	9.424309509	15.10495772	15.10495772	11.31201558	5.339656061	11.31201558	49.17848618
126	0.867844433	0.205467962	0.885148783	0.175408752	0.620648938	0.126828093	0.761544509	0.466545194	0.219127812	0.836495651	4.735688865	5.027966901	5.027966901	8.062508235	8.062508	3.7043476	4.620648938	1.126828093	3.478557805	9.226034836	14.95207141	14.95207141	12.33272597	5.752753027	12.33272597	49.60130736
127	0.135524327	0.19025808	0.794488709	0.260544105	0.964343339	0.816681634	0.577317839	0.271350148	0.899355981	0.831542168	3.271048653	5.004393624	5.004393624	7.892753782	7.892754	3.794208179	4.964343339	1.816681634	3.196176107	9.977201079	16.38212866	16.38212866	11.35675074	5.748242223	11.35675074	50.61322789
128	0.076243923	0.864030387	0.337231889	0.393519374	0.654766236	0.980829842	0.628685682	0.868092303	0.495633665	0.008013749	3.152487847	5.732151422	5.732151422	7.296678701	7.296679	3.912578647	4.654766236	1.980829842	3.268366948	9.903963026	15.44879654	15.44879654	14.34046151	4.561454081	14.34046151	52.7220512
129	0.369912949	0.252551068	0.542930781	0.586926847	0.476517207	0.419296439	0.686313553	0.049666202	0.251894298	0.510230318	3.739825898	5.095083298	5.095083298	7.55241993	7.55242	4.071122828	4.476517207	1.419296439	3.354254335	9.250067981	15.0159118	15.0159118	10.24833101	5.479879252	10.24833101	47.16181402
130	0.193673609	0.598740121	0.08734492	0.060906718	0.221458485	0.307607455	0.37034618	0.3838685	0.481095346	0.198874421	3.387347218	5.467664929	5.467664929	6.870855219	6.870855	3.528555622	4.221458485	1.307607455	2.922949997	8.452015937	15.42334072	15.42334072	11.9193425	5.15350562	11.9193425	48.13321931
131	0.722002206	0.032756753	0.106086018	0.58440552	0.898924756	0.613069441	0.663559247	0.549417439	0.807843262	0.742341861	4.444004412	4.610232926	4.610232926	6.917432396	6.917432	4.069032995	4.898924756	1.613069441	3.319588784	9.831582982	16.08778681	16.08778681	12.74708719	5.671290169	12.74708719	50.19412231
132	0.847751602	0.17922718	0.822944492	0.606845182	0.74343096	0.076903109	0.113626324	0.015052787	0.364890521	0.062738243	4.695503205	4.986583502	4.986583502	7.940591467	7.940591	4.087726894	4.74343096	1.076903109	2.536499067	8.356833136	15.2210349	15.2210349	10.07526393	4.880222491	10.07526393	46.58030694
133	0.713631673	0.823730299	0.504985222	0.712798508	0.782495773	0.277283056	0.845328311	0.155426854	0.269818111	0.345315799	4.427263346	5.687654666	5.687654666	7.506077356	7.506077	4.180563502	4.782495773	1.277283056	3.645997007	9.705775836	15.04973975	15.04973975	10.77713427	5.327383395	10.77713427	48.72638188
134	0.859728789	0.523850928	0.991534823	0.003234848	0.159676262	0.612165729	0.420178828	0.907736906	0.600975954	0.731934855	4.719457579	5.395749707	5.395749707	8.506332398	8.506332	3.26506667	4.159676262	1.612165729	2.988053369	8.75989536	15.63868382	15.63868382	14.53868453	5.662656319	14.53868453	52.83934582
135	0.326081574	0.094313914	0.364771808	0.166476309	0.461710086	0.391391558	0.531785202	0.696444783	0.227195282	0.823993628	3.652163149	4.818443218	4.818443218	7.332391295	7.332391	3.693734512	4.461710086	1.391391558	3.134513221	8.987614865	14.96806397	14.96806397	13.48222391	5.741433013	13.48222391	49.58873726
136	0.651700272	0.139148049	0.184789086	0.505391838	0.014508164	0.20694534	0.932209698	0.795582669	0.663366444	0.300617603	4.303400543	4.915525546	4.915525546	7.072781043	7.072781	4.00438205	4.014508164	1.20694534	3.898823075	9.12027658	15.75906613	15.75906613	13.97791334	5.279966767	13.97791334	50.84556264
137	0.095116579	0.260461083	0.749393962	0.550075189	0.829604333	0.895899588	0.361879829	0.439140313	0.564443787	0.788081373	3.190233159	5.105642337	5.105642337	7.823214459	7.823214	4.040786357	4.829604333	1.895899588	2.91181156	9.637315481	15.57140963	15.57140963	12.19570156	5.709924108	12.19570156	50.33328347
138	0.74845997	0.545858948	0.38181887	0.860355078	0.664847976	0.270501766	0.84854813	0.949279484	0.550746611	0.736890549	4.49691994	5.417075844	5.417075844	7.354106995	7.354107	4.34017408	4.664847976	1.270501766	3.653409465	9.588759206	15.54664012	15.54664012	14.74639742	5.666762055	14.74639742	52.65297959
139	0.279598319	0.265341002	0.465588848	0.09874258	0.426995375	0.974141434	0.947583076	0.17709358	0.419483714	0.846422591	3.559196638	5.11206863	5.11206863	7.458007317	7.458007	3.599892113	4.426995375	1.974141434	3.964676184	10.36581299	15.31619769	15.31619769	10.8854679	5.761903974	10.8854679	49.13755453
140	0.477195097	0.023177711	0.940583603	0.107802496	0.524912618	0.934423948	0.031823427	0.994346015	0.605207969	0.150994728	3.954390194	4.555712289	4.555712289	8.212172497	8.212172	3.614291459	4.524912618	1.934423948	2.325064476	8.784401042	15.64660869	15.64660869	14.97173008	5.07909605	14.97173008	52.17062459
141	0.301499538	0.250911111	0.935598663	0.634642807	0.893233422	0.182807671	0.964757384	0.315465228	0.322752193	0.965363133	3.602999077	5.092871281	5.092871281	8.195735133	8.195735	4.111238988	4.893233422	1.182807671	4.056920029	10.13296112	15.14640828	15.14640828	11.57732614	5.896985921	11.57732614	50.14530195
142	0.957034926	0.569224197	0.234489421	0.814052819	0.824884686	0.557654684	0.020409187	0.677366306	0.39392312	0.635882161	4.914069853	5.439520057	5.439520057	7.152666906	7.152667	4.283494605	4.824884686	1.557654684	2.27544489	8.65798426	15.27176687	15.27176687	13.38683153	5.58414378	13.38683153	49.90876962
143	0.689332514	0.701268137	0.21408872	0.423517596	0.529883022	0.14055965	0.316002361	0.364397567	0.175629961	0.545280421	4.378665027	5.56516286	5.56516286	7.120997089	7.120997	3.937518785	4.529883022	1.14055965	2.85072253	8.521165202	14.8618571	14.8618571	11.82198784	5.509531934	11.82198784	47.89117008
144	0.859005814	0.892670018	0.799688043	0.417043879	0.489207903	0.593321068	0.297514492	0.593780985	0.412604459	0.409049986	4.718011629	5.766311595	5.766311595	7.901228475	7.901228	3.932167255	4.489207903	1.593321068	2.825624824	8.908153794	15.30425174	15.30425174	12.96890492	5.38963883	12.96890492	50.84885053
145	0.779445419	0.64784566	0.203704513	0.967560717	0.729531785	0.867150711	0.738295089	0.880606775	0.949784027	0.690737765	4.558890837	5.514256263	5.514256263	7.104313574	7.104314	4.548373229	4.729531785	1.867150711	3.438242974	10.03492547	16.63355841	16.63355841	14.40303387	5.628822528	14.40303387	53.69008759
146	0.999274971	0.4027927	0.309485877	0.507770074	0.843283296	0.885261183	0.374141851	0.769779562	0.543719623	0.888454666	4.998549942	5.273013259	5.273013259	7.25972116	7.259721	4.006315062	4.843283296	1.885261183	2.927933661	9.65647814	15.53401404	15.53401404	13.84889781	5.802774222	13.84889781	51.57212441
147	0.298369197	0.282369907	0.792194843	0.94875947	0.601407122	0.338982941	0.347069193	0.897772585	0.573810042	0.128391778	3.596738394	5.134004515	5.134004515	7.889048995	7.889049	4.494150034	4.601407122	1.338982941	2.892240364	8.832630428	15.58847904	15.58847904	14.48886293	5.038329042	14.48886293	51.93302591
148	0.650760977	0.085762055	0.065651398	0.840005071	0.828446727	0.907802994	0.820880173	0.677043763	0.632906718	0.518813615	4.301521955	4.796655726	4.796655726	6.808255482	6.808255	4.314160869	4.828446727	1.907802994	3.592559901	10.32880962	15.69927826	15.69927826	13.38521882	5.4871988	13.38521882	51.0182179
149	0.233964374	0.615676972	0.715879391	0.455421562	0.638539155	0.320473881	0.812002365	0.677738864	0.132357726	0.879179397	3.467928748	5.483749207	5.483749207	7.775142706	7.775143	3.963707513	4.638539155	1.320473881	3.574245239	9.533258275	14.76266727	14.76266727	13.38869432	5.793398462	13.38869432	50.94351177
150	0.887736993	0.521031878	0.11953173	0.950295873	0.074532315	0.674215946	0.373373937	0.846064547	0.332469017	0.986396796	4.775473985	5.393002569	5.393002569	6.947828884	6.947829	4.498015234	4.074532315	1.674215946	2.926925864	9.099157045	15.16375672	15.16375672	14.23032274	5.937177927	14.23032274	50.83406795
151	0.390502123	0.639253727	0.841453943	0.207087566	0.605227184	0.957709508	0.375778152	0.199323298	0.298836432	0.138007989	3.781004246	5.506107441	5.506107441	7.973924502	7.973925	3.739862821	4.605227184	1.957709508	2.930080356	9.493017048	15.10324122	15.10324122	10.99661649	5.056228132	10.99661649	49.0729067
152	0.746433894	0.082739384	0.798789327	0.231634032	0.285556033	0.611440113	0.913636296	0.771806924	0.006297548	0.470527659	4.492867788	4.788612135	4.788612135	7.89975577	7.899756	3.765543476	4.285556033	1.611440113	3.831781817	9.728777962	14.24004871	14.24004871	13.85903462	5.445431933	13.85903462	50.51622919
153	0.687456114	0.034422336	0.539697312	0.629485791	0.165127099	0.623502277	0.274226437	0.217843693	0.477400552	0.458814457	4.374912229	4.618526103	4.618526103	7.54846029	7.54846	4.106842467	4.165127099	1.623502277	2.793470638	8.582100014	15.41688754	15.41688754	11.08921847	5.435056667	11.08921847	47.25519241
154	0.688126684	0.749149299	0.663295478	0.219067487	0.515048656	0.587671142	0.624190397	0.53546443	0.994616537	0.91717915	4.376253367	5.611635276	5.611635276	7.704013862	7.704014	3.752569982	4.515048656	1.587671142	3.261909176	9.364628974	17.17493927	17.17493927	12.67732215	5.833642871	12.67732215	52.53253953
155	0.278018842	0.771872062	0.805538806	0.095109749	0.863973581	0.720293734	0.20262274	0.644782302	0.710229939	0.086468728	3.556037683	5.634194483	5.634194483	7.910898974	7.910899	3.593891068	4.863973581	1.720293734	2.689023281	9.273290597	15.85596368	15.85596368	13.22391151	4.947026846	13.22391151	51.89825924
156	0.270437751	0.747159599	0.571119028	0.190237726	0.932885525	0.680311763	0.131148406	0.234319922	0.296033916	0.180023006	3.540875502	5.609678386	5.609678386	7.587087702	7.587088	3.721351662	4.932885525	1.680311763	2.569780683	9.182977971	15.09813298	15.09813298	11.17159961	5.12579632	11.17159961	48.64947665
157	0.189918491	0.729921496	0.954890201	0.097794583	0.219505475	0.829166062	0.16879107	0.436231158	0.40707045	0.127531555	3.379836982	5.592829598	5.592829598	8.26511125	8.265111	3.598339424	4.219505475	1.829166062	2.635194496	8.683866033	15.29463682	15.29463682	12.18115579	5.036683501	12.18115579	50.01759949
158	0.911514191	0.009593381	0.980806006	0.900700397	0.947870534	0.730261816	0.378966436	0.776585009	0.695012728	0.426117464	4.823028382	4.439300558	4.823028382	8.402835262	8.402835	4.399199831	4.947870534	1.730261816	2.934260276	9.612392626	15.82374682	15.82374682	13.88292505	5.405482195	13.88292505	52.54492813
159	0.58558105	0.166464419	0.333306298	0.577998758	0.613848644	0.828432921	0.956326971	0.774389754	0.325061461	0.550923758	4.171162101	4.965127725	4.965127725	7.291514861	7.291515	4.063733383	4.613848644	1.828432921	4.008408181	10.45068975	15.15054021	15.15054021	13.87194877	5.514252541	13.87194877	51.72982132
160	0.665918538	0.985910613	0.097767734	0.713585815	0.965970539	0.877962517	0.448672892	0.896423722	0.093197504	0.333236593	4.331837076	5.921909253	5.921909253	6.897442972	6.897443	4.181294459	4.965970539	1.877962517	3.025155298	9.869088354	14.65928635	14.65928635	14.48211861	5.31492339	14.48211861	51.82984554
161	0.997572768	0.582472422	0.614388937	0.813386973	0.163350976	0.404297903	0.195191841	0.418319807	0.090999748	0.694152665	4.995145537	5.452175992	5.452175992	7.641096958	7.641097	4.282738739	4.163350976	1.404297903	2.677514651	8.364551293	14.65291462	14.65291462	12.09159903	5.631611919	12.09159903	48.2023379
162	0.692497595	0.614022425	0.32093302	0.25824905	0.920306608	0.692268617	0.78144973	0.626603975	0.768752366	0.341381379	4.38499519	5.482179254	5.482179254	7.275103013	7.275103	3.79198626	4.920306608	1.692268617	3.514797376	10.1273726	15.98864158	15.98864158	13.13301987	5.323351329	13.13301987	52.00631632
163	0.735366598	0.899531011	0.398241907	0.184414745	0.632791591	0.451151351	0.973139509	0.241178434	0.437821451	0.499659735	4.470733196	5.774933347	5.774933347	7.374796231	7.374796	3.714760401	4.632791591	1.451151351	4.114282298	10.19822524	15.34802908	15.34802908	11.20589217	5.470806953	11.20589217	49.90187607
164	0.25690261	0.385691271	0.331762913	0.977918056	0.246975454	0.541682882	0.858233127	0.081644734	0.595891308	0.928699832	3.51380522	5.25459981	5.25459981	7.289479141	7.289479	4.588399716	4.246975454	1.541682882	3.676312586	9.806395184	15.62920141	15.62920141	10.40822367	5.847065925	10.40822367	48.38789922
165	0.075109235	0.070936837	0.396466111	0.914888727	0.395773504	0.365197187	0.186721389	0.292121016	0.731771631	0.471795759	3.150218469	4.755184512	4.755184512	7.372568938	7.372569	4.423398012	4.395773504	1.365197187	2.66419372	8.452788919	15.90302918	15.90302918	11.46060508	5.446548882	11.46060508	47.94417662
166	0.109024928	0.607950969	0.772319931	0.977977846	0.911725953	0.680417373	0.846170226	0.067267838	0.446468258	0.685296795	3.218049857	5.476416108	5.476416108	7.857752485	7.857752	4.588665929	4.911725953	1.680417373	3.647925952	10.24006928	15.36304391	15.36304391	10.33633919	5.624381935	10.33633919	49.27362096
167	0.854435446	0.210991844	0.522721733	0.91316557	0.390171571	0.545148543	0.953917198	0.784850796	0.052573138	0.016465934	4.708870892	5.036272159	5.036272159	7.527711481	7.527711	4.420331092	4.390171571	1.545148543	3.995781304	9.961260939	14.52514765	14.52514765	13.92425398	4.655259134	13.92425398	50.9746462
168	0.72457729	0.331755129	0.600084781	0.371815526	0.578019978	0.770485839	0.717200869	0.996843907	0.686884332	0.904690858	4.44915458	5.193952914	5.193952914	7.623107051	7.623107	3.894264283	4.578019978	1.770485839	3.403247553	9.75175337	15.80685113	15.80685113	14.98421954	5.819831805	14.98421954	53.359884
169	0.376593712	0.40092663	0.160806369	0.357310196	0.363553433	0.896280401	0.254623099	0.839654769	0.012141292	0.578505098	3.753187424	5.271020531	5.271020531	7.030255587	7.030256	3.881865437	4.363553433	1.896280401	2.765829688	9.025663522	14.30376418	14.30376418	14.19827384	5.53715067	14.19827384	49.82897766
170	0.590910736	0.471818546	0.955658857	0.204600268	0.800358925	0.995717691	0.063147304	0.649229675	0.74607673	0.830842306	4.181821471	5.344338286	5.344338286	8.268257212	8.268257	3.737179416	4.800358925	1.995717691	2.423125652	9.219202268	15.93535652	15.93535652	13.24614838	5.747607696	13.24614838	52.01330266
171	0.003835054	0.260193598	0.560729914	0.442675626	0.51625194	0.661634804	0.093966392	0.801249271	0.365946496	0.071180356	3.007670108	5.105288187	5.105288187	7.574274941	7.574275	3.953276841	4.51625194	1.661634804	2.49612347	8.674010214	15.22288765	15.22288765	14.00624635	4.90579991	14.00624635	50.58270735
172	0.678395572	0.120347359	0.084383841	0.719190678	0.121730261	0.378496208	0.632818583	0.549543122	0.414458257	0.862478404	4.356791143	4.877706421	4.877706421	6.862943349	6.862943	4.186521663	4.121730261	1.378496208	3.274331213	8.839349084	15.30747147	15.30747147	12.74771561	5.777062903	12.74771561	48.63518593
173	0.803834859	0.116184436	0.360931362	0.323556831	0.774023371	0.99468145	0.557986201	0.925136531	0.724928279	0.45567479	4.607669717	4.8688297	4.8688297	7.327460908	7.327461	3.852400737	4.774023371	1.99468145	3.169778538	9.938483359	15.88787814	15.88787814	14.62568266	5.432257155	14.62568266	52.64833476
174	0.470636974	0.401299493	0.038931869	0.95300763	0.555443465	0.771115072	0.075576384	0.656023944	0.575150933	0.300345328	3.941273948	5.271419014	5.271419014	6.708484685	6.708485	4.505037378	4.555443465	1.771115072	2.454378479	8.780937016	15.59093212	15.59093212	13.28011972	5.279666136	13.28011972	49.63189255
175	0.766725224	0.648478642	0.999767406	0.998053248	0.341212233	0.476369115	0.684645521	0.046602811	0.317670227	0.254811008	4.533450447	5.514856768	5.514856768	8.774704053	8.774704	4.762992695	4.341212233	1.476369115	3.351675168	9.591036977	15.13729432	15.13729432	10.23301405	5.226933786	10.23301405	49.25090617
176	0.290332402	0.417326564	0.110729091	0.442150757	0.21243537	0.443805062	0.923716609	0.050545495	0.679715049	0.865246429	3.580664804	5.288403927	5.288403927	6.928177415	6.928177	3.9528465	4.21243537	1.443805062	3.866793272	9.523033704	15.79211729	15.79211729	10.25272748	5.779726928	10.25272748	47.78445981
177	0.530624581	0.655450248	0.108501167	0.69979746	0.951170533	0.400147821	0.978398185	0.187947692	0.543158385	0.465412795	4.061249162	5.521472866	5.521472866	6.923056232	6.923056	4.168604437	4.951170533	1.400147821	4.157303654	10.50862201	15.53300783	15.53300783	10.93973846	5.440914409	10.93973846	49.4258974
178	0.578610918	0.779062779	0.210985724	0.283121175	0.836986735	0.068976415	0.542766134	0.861918932	0.078566268	0.305301394	4.157221837	5.641425053	5.641425053	7.116054486	7.116054	3.815639464	4.836986735	1.068976415	3.149228586	9.055191737	14.61532	14.61532	14.30959466	5.285114017	14.30959466	50.73758594
179	0.361259105	0.31816474	0.368453081	0.821196614	0.84960487	0.871426789	0.340128833	0.282674475	0.371562169	0.58279666	3.722518211	5.177938422	5.177938422	7.337103599	7.337104	4.291695064	4.84960487	1.871426789	2.883025218	9.604056877	15.23272961	15.23272961	11.41337238	5.540690929	11.41337238	48.76520088
180	0.573374635	0.251450646	0.477862117	0.096530559	0.038405475	0.028296549	0.149278546	0.387416077	0.488267217	0.616684024	4.146749271	5.093599905	5.093599905	7.473001207	7.473001	3.596254643	4.038405475	1.028296549	2.602169885	7.66887191	15.43588473	15.43588473	11.93708038	5.568485848	11.93708038	47.60843814
181	0.842878488	0.744827818	0.366654744	0.753764294	0.329531857	0.984864244	0.978185811	0.655516332	0.343609277	0.779074232	4.685756976	5.60738845	5.60738845	7.334803243	7.334803	4.219788892	4.329531857	1.984864244	4.155425649	10.46982175	15.18353365	15.18353365	13.27758166	5.702207522	13.27758166	51.87312875
182	0.59787143	0.018735553	0.762277529	0.730826426	0.316593056	0.454451077	0.314116399	0.131819796	0.778826289	0.415772629	4.19574286	4.524855055	4.524855055	7.842435467	7.842435	4.197511691	4.316593056	1.454451077	2.848177347	8.61922148	16.01322603	16.01322603	10.65909898	5.395915459	10.65909898	47.65883701
183	0.720739518	0.196289226	0.614629795	0.704020083	0.452745671	0.528518529	0.378639373	0.424332292	0.795022299	0.92902863	4.441479036	5.013870393	5.013870393	7.641401225	7.641401	4.172466185	4.452745671	1.528518529	2.933831657	8.915095857	16.05410141	16.05410141	12.12166146	5.847460317	12.12166146	49.74613035
184	0.669548709	0.582394117	0.949824129	0.539848806	0.796856266	0.421675567	0.650220437	0.157623095	0.456519508	0.945115827	4.339097417	5.45210131	5.45210131	8.245230077	8.24523	4.032430496	4.796856266	1.421675567	3.299747064	9.518278897	15.38051194	15.38051194	10.78811548	5.867708494	10.78811548	49.3842377
185	0.344060868	0.009787584	0.799717075	0.773347248	0.723837422	0.53006491	0.284887703	0.320553811	0.216624312	0.508281665	3.688121735	4.441632084	4.441632084	7.901276105	7.901276	4.239558077	4.723837422	1.53006491	2.808273775	9.062176107	14.94706783	14.94706783	11.60276905	5.478211746	11.60276905	47.95492118
186	0.717518888	0.396258099	0.534095644	0.633225179	0.959661106	0.863761046	0.863233844	0.797095959	0.376410857	0.040483602	4.435037776	5.266017797	5.266017797	7.541606867	7.541607	4.110028708	4.959661106	1.863761046	3.68852248	10.51194463	15.24121353	15.24121353	13.9854798	4.797923332	13.9854798	52.54626262
187	0.513551033	0.580548266	0.441814157	0.281900272	0.31498333	0.173890986	0.047214287	0.942893701	0.12650361	0.077061675	4.027102065	5.450340474	5.450340474	7.428855728	7.428856	3.814499055	4.31498333	1.173890986	2.377806055	7.866680372	14.74822376	14.74822376	14.7144685	4.922349067	14.7144685	50.20856884
188	0.190737713	0.499338441	0.389293573	0.503831499	0.528951979	0.906119181	0.507588378	0.49490693	0.024678216	0.004635244	3.381475427	5.37172705	5.37172705	7.363549251	7.363549	4.003113893	4.528951979	1.906119181	3.102364117	9.537435277	14.39404775	14.39404775	12.47453465	4.499921966	12.47453465	49.14129398
189	0.729640655	0.940201606	0.894719288	0.231752363	0.841098098	0.726959873	0.759795755	0.557372185	0.128578896	0.504560333	4.459281309	5.831439349	5.831439349	8.084460045	8.08446	3.765664033	4.841098098	1.726959873	3.475454452	10.04351242	14.75337789	14.75337789	12.78686092	5.475021184	12.78686092	51.49965063
190	0.233793147	0.089785899	0.449284548	0.554235745	0.919150728	0.094818056	0.502143645	0.684926055	0.074027151	0.164094055	3.467586294	4.807077545	4.807077545	7.438034671	7.438035	4.044192175	4.919150728	1.094818056	3.095174822	9.109143606	14.60084899	14.60084899	13.42463027	5.100851701	13.42463027	49.37973508
191	0.26754924	0.902561438	0.679867593	0.945149355	0.955676025	0.102382809	0.004226427	0.483660701	0.063801824	0.810744128	3.53509848	5.778806838	5.778806838	7.725966361	7.725966	4.485362525	4.955676025	1.102382809	2.156343782	8.214402616	14.56646381	14.56646381	12.41830351	5.72965165	12.41830351	48.70394313
192	0.423250278	0.582369147	0.347730194	0.576792673	0.142249615	0.112769699	0.64567864	0.024302506	0.075220942	0.532533287	3.846500555	5.452077495	5.452077495	7.310394153	7.310394	4.062737363	4.142249615	1.112769699	3.293064514	8.548083828	14.60469803	14.60469803	10.12151253	5.49881771	10.12151253	46.03676604
193	0.940196672	0.762704203	0.451883141	0.350323036	0.70313222	0.455715788	0.16597266	0.903579466	0.867564104	0.687804287	4.880393345	5.625042979	5.625042979	7.441223093	7.441223	3.875840956	4.70313222	1.455715788	2.630526251	8.789374259	16.26576618	16.26576618	14.51789733	5.626427864	14.51789733	52.63930384
194	0.182592854	0.815862967	0.776752017	0.839672995	0.520113761	0.444800529	0.973071463	0.152190242	0.472363441	0.198924725	3.365185707	5.679319044	5.679319044	7.864613508	7.864614	4.313752139	4.520113761	1.444800529	4.113767602	10.07868189	15.40809903	15.40809903	10.76095121	5.153577221	10.76095121	49.79166468
195	0.59201271	0.141051666	0.955850794	0.170845682	0.119160155	0.716372043	0.812971038	0.801000103	0.710322208	0.591051817	4.184025419	4.919169797	4.919169797	8.269048515	8.269049	3.698963253	4.119160155	1.716372043	3.576218438	9.411750636	15.85616149	15.85616149	14.00500052	5.547486406	14.00500052	52.46113095
196	0.012878822	0.852818578	0.867636415	0.247004847	0.301143707	0.59740552	0.439181837	0.153192387	0.589487965	0.33581075	3.025757644	5.719422916	5.719422916	8.025001184	8.025001	3.780972561	4.301143707	1.59740552	3.012793114	8.911342341	15.61731809	15.61731809	10.76596194	5.315282115	10.76596194	49.03904647
197	0.230899654	0.159747126	0.871630309	0.795573998	0.196783602	0.156822163	0.915292615	0.025593047	0.810913233	0.81129363	3.461799309	4.953428837	4.953428837	8.033285886	8.033286	4.263009199	4.196783602	1.156822163	3.837338029	9.257169391	16.09604503	16.09604503	10.12796524	5.730136302	10.12796524	48.46789438
198	0.046107529	0.692104544	0.587174985	0.841945936	0.5072877	0.272576333	0.835270834	0.775093335	0.03593167	0.299749181	3.092215057	5.556383026	5.556383026	7.60699295	7.606993	4.316559136	4.5072877	1.272576333	3.623435304	9.403299337	14.4537828	14.4537828	13.87546667	5.279007356	13.87546667	50.89592479
199	0.635672376	0.80902781	0.010324699	0.769869684	0.416461136	0.321761443	0.923561945	0.522630727	0.889764489	0.66640456	4.271344753	5.672151656	5.672151656	6.516681984	6.516682	4.235991054	4.416461136	1.321761443	3.866233099	9.604455677	16.34477857	16.34477857	12.61315364	5.60898904	12.61315364	50.75122152
200	0.670924312	0.771547574	0.020913145	0.068521118	0.105401603	0.750349517	0.564041334	0.721763841	0.319834464	0.245341734	4.341848625	5.633869325	5.633869325	6.609451125	6.609451	3.54482222	4.105401603	1.750349517	3.178009004	9.033760124	15.14117923	15.14117923	13.60881921	5.215268682	13.60881921	50.02707901