| Index	Latitude	Longitude	Inventory_Level	Temperature	Humidity	Waiting_Time	Transaction_A	Purchase_Freq	sset_Utilizatio	emand_Foreca	Logistics_Delay	Month
Latitude	1	−0.00188656	0.00149757	−0.00592858	−0.0504702	−0.00410512	−0.0390312	−0.00317731	−0.0193202	0.00015896	0.0583313	0.0547979
Longitude	−0.00188656	1	−0.027369	−0.0154026	0.0342985	−0.00025428	−0.0207148	−0.0324096	0.0233405	0.121546	0.0406014	−0.0510273
Inventory_Level	0.00149757	−0.027369	1	−0.047892	0.0479632	−0.0054145	−0.0437	−0.0222163	0.0199633	−0.0341177	−0.017599	0.0324092
Temperature	−0.00592858	−0.0154026	−0.047892	1	−0.0140601	0.0277914	−0.0108137	−0.00101826	0.0619203	0.00462642	−0.0391206	−0.00844859
Humidity	−0.0504702	0.0342985	0.0479632	−0.0140601	1	0.0350077	−0.00987434	0.0449618	−0.0333077	−0.00495641	−0.0056439	−0.070221
Waiting_Time	−0.00410512	−0.00025428	−0.0054145	0.0277914	0.0350077	1	0.0336076	0.0551975	−0.0264179	−0.0171432	−0.0592418	0.0309371
User_Transaction_Amount	−0.0390312	−0.0207148	−0.0437	−0.0108137	−0.00987434	0.0336076	1	0.0649201	0.0370841	−0.0311888	0.0256256	0.0421021
User_Purchase_Frequency	−0.00317731	−0.0324096	−0.0222163	−0.00101826	0.0449618	0.0551975	0.0649201	1	0.0272649	−0.0933327	−0.0255592	−0.00707415
Asset_Utilization	−0.0193202	0.0233405	0.0199633	0.0619203	−0.0333077	−0.0264179	0.0370841	0.0272649	1	−0.113889	0.0339304	−0.00816171
Demand_Forecast	0.00015896	0.121546	−0.0341177	0.00462642	−0.00495641	−0.0171432	−0.0311888	−0.0933327	−0.113889	1	−0.00405289	0.0266973
Logistics_Delay	0.0583313	0.0406014	−0.017599	−0.0391206	−0.0056439	−0.0592418	0.0256256	−0.0255592	0.0339304	−0.00405289	1	−0.0245346
Month	0.0547979	−0.0510273	0.0324092	−0.00844859	−0.070221	0.0309371	0.0421021	−0.00707415	−0.00816171	0.0266973	−0.0245346	1
Shipment_Status_Delivered	−0.0693691	0.00985331	−0.00609321	0.0235102	0.0351145	0.0252027	−0.0341497	−0.0470554	−0.0511794	0.0208946	−0.319574	−0.0427542
Shipment_Status_In Transit	0.00574285	−0.028812	0.0814216	0.0115724	0.0251939	0.0116232	0.00052937	−0.00411283	0.0242826	−0.0197183	−0.329664	0.0330766
Traffic_Status_Detour	0.0564949	−0.0448425	−0.0281666	0.0433133	−0.0200213	−0.00470619	1.85243e−05	0.0564188	−0.0262526	−0.00895763	−0.327337	0.0607468
Traffic_Status_Heavy	0.039602	0.0546406	0.0318932	−0.0158424	0.0445276	−0.0262246	−0.00643953	−0.0793886	0.0551657	−0.0180285	0.616642	−0.0320199
Logistics_Delay_Reason_Traffic	−0.00904113	0.0321637	−0.039486	0.0405572	0.0534054	0.0270672	0.030384	0.0467181	−0.0646714	0.0079652	0.00486795	0.024682
Logistics_Delay_Reason_Weather	0.0155816	−0.0104321	0.0472546	−0.00134208	−0.022932	−0.0532674	0.00280588	−0.00728099	−0.0130609	0.00507837	−0.00453182	−0.0611299

Delayed vs Non-Delayed Shipments by Month
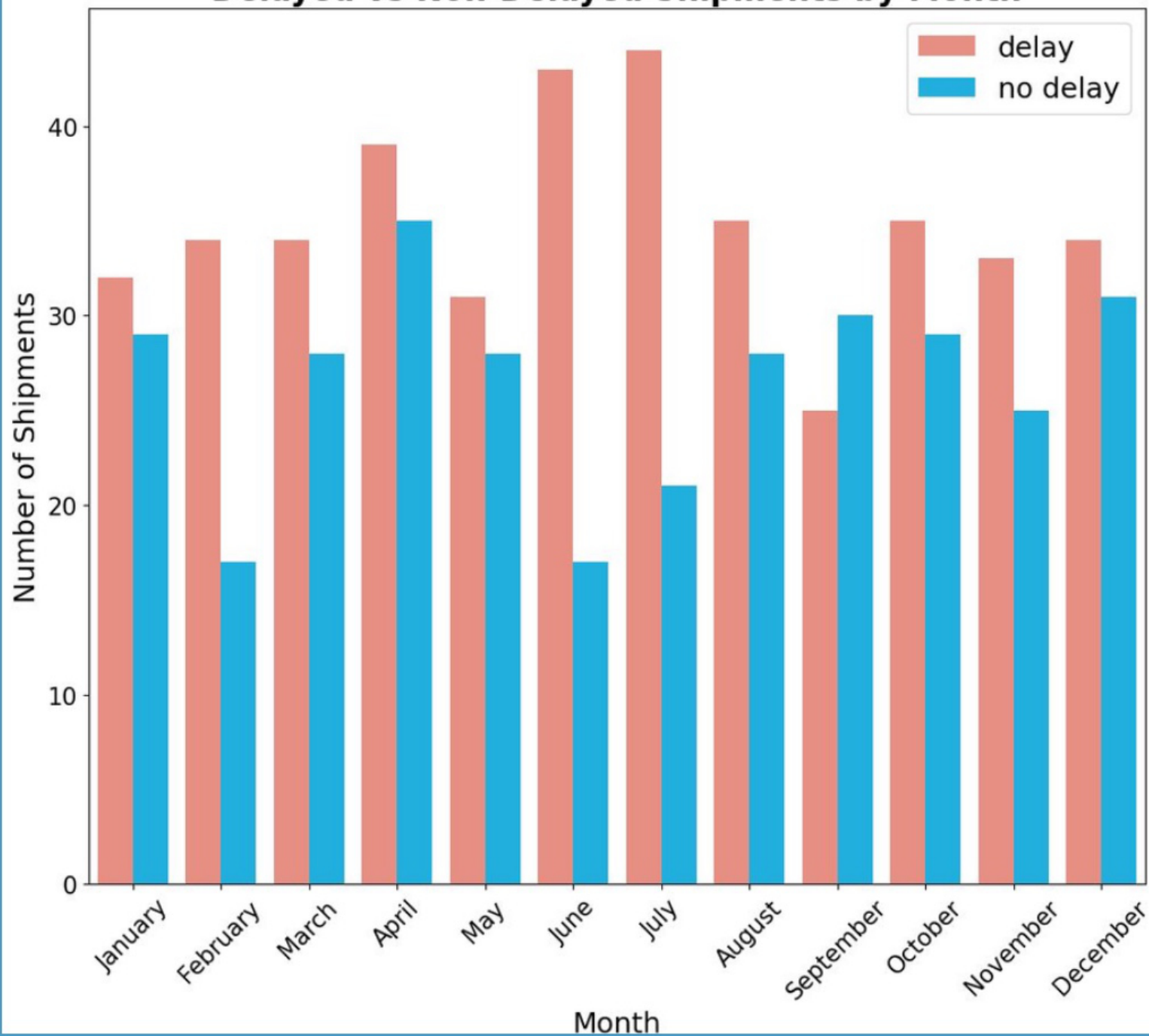
Distribution of Logistics Delay

Logistics Delay (0 = On-Time, 1 = Delayed)
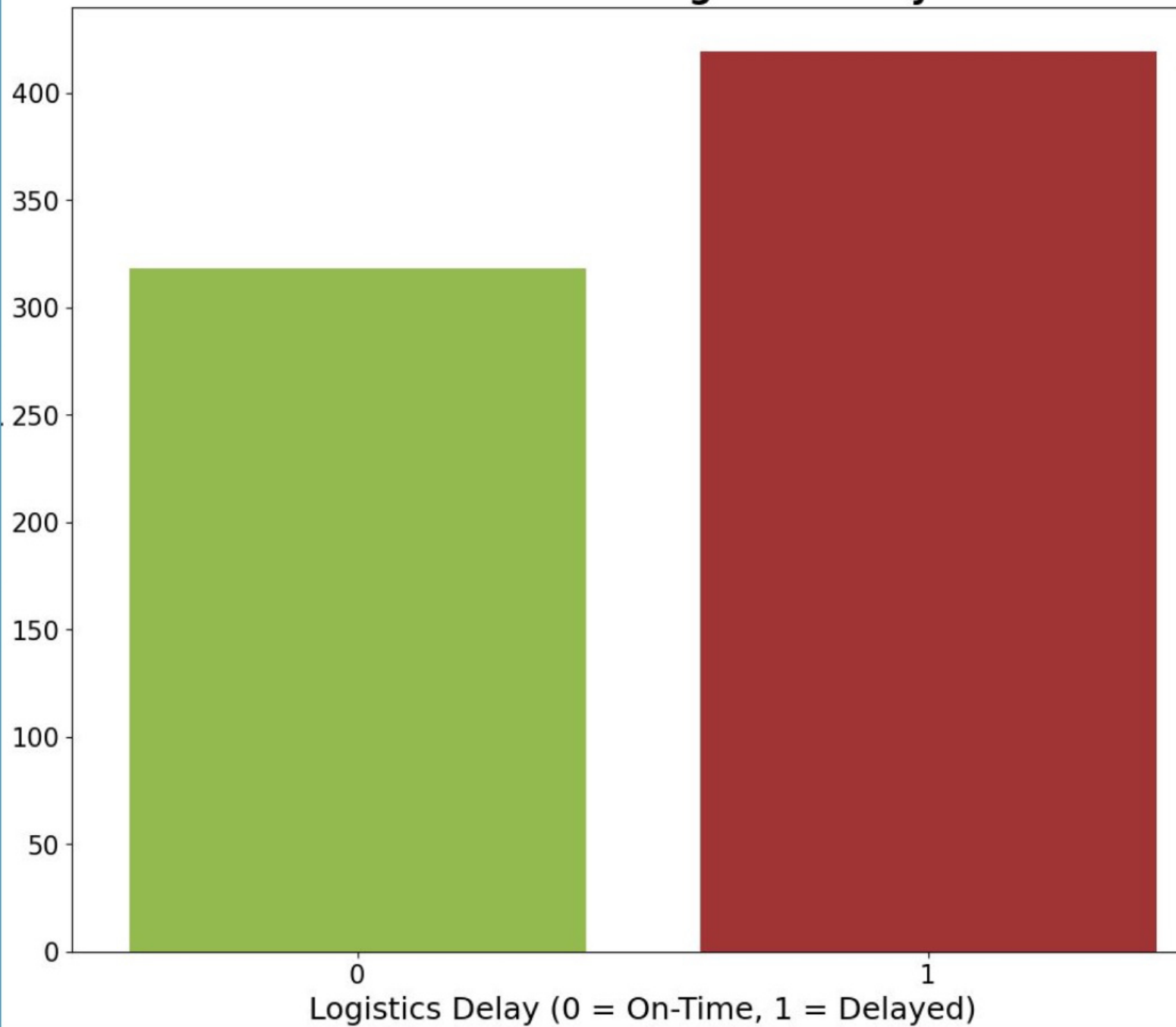
Logistics Delay by Traffic Status
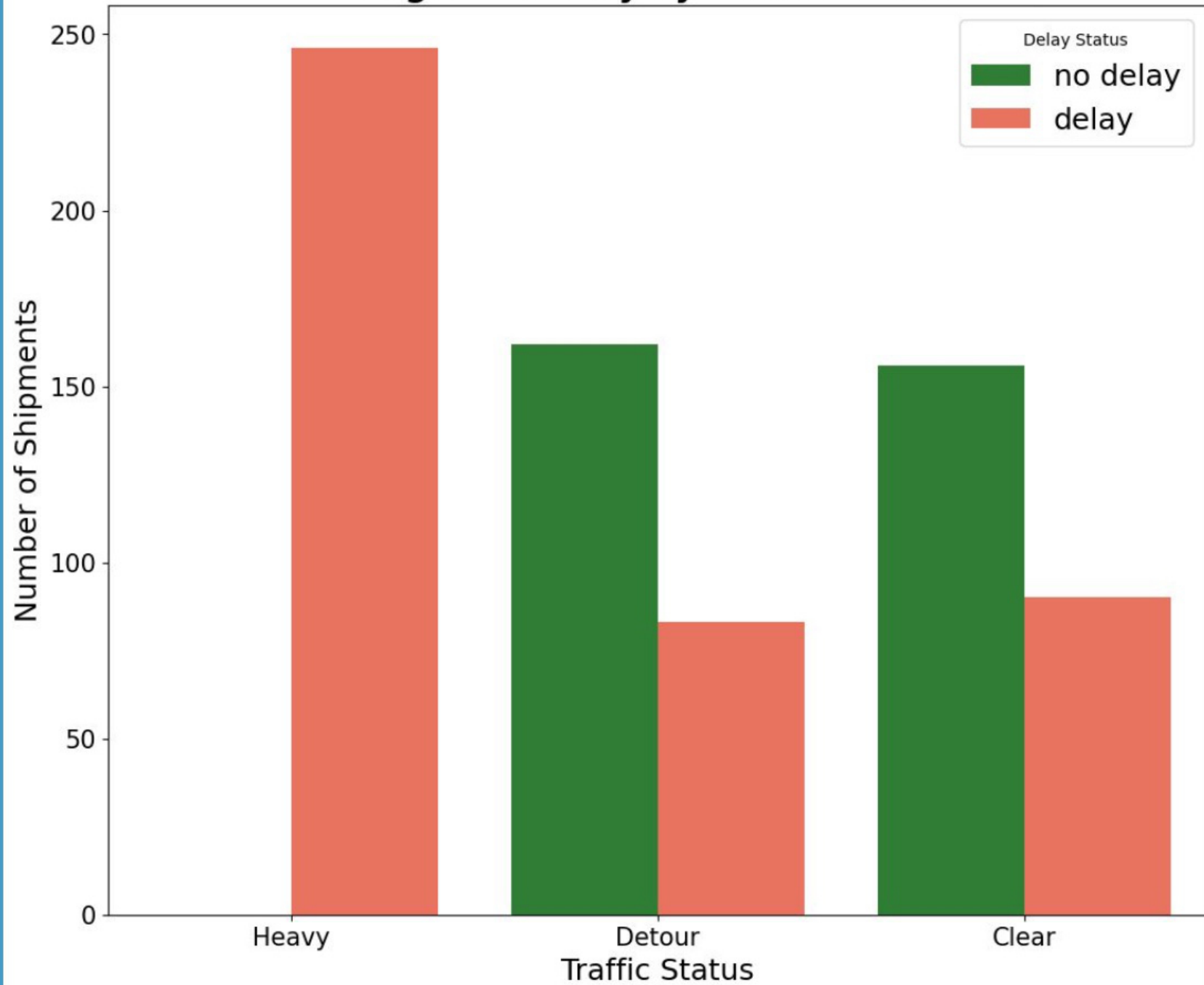
Waiting Time by Delay Status