

**LAMPIRAN 9****Data Interval X2 (Kemampuan)**

No. Resp				Data	X2	Interval										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	TOTAL
1	4,433	4,340	3,676	2,095	2,322	3,344	3,224	2,327	2,257	1,000	3,326	2,226	3,626	4,421	4,503	47
2	4,433	3,003	3,676	3,317	2,322	4,613	4,524	4,787	4,842	3,712	3,326	2,226	3,626	4,421	4,503	57
3	3,029	3,003	2,322	3,317	3,676	4,613	2,189	3,510	4,842	3,712	4,613	2,226	3,626	4,421	4,503	54
4	3,029	3,003	3,676	3,317	2,322	3,344	4,524	4,787	4,842	3,712	4,613	2,226	3,626	3,035	3,226	53
5	3,029	4,340	2,322	3,317	2,322	3,344	4,524	4,787	4,842	3,712	3,326	1,000	3,626	3,035	3,226	51
6	3,029	3,003	2,322	2,095	2,322	3,344	3,224	3,510	3,473	2,317	3,326	2,226	3,626	3,035	3,226	44
7	4,433	4,340	3,676	3,317	3,676	4,613	3,224	3,510	3,473	3,712	2,199	2,226	3,626	3,035	3,226	52
8	4,433	4,340	2,322	3,317	3,676	4,613	4,524	4,787	4,842	3,712	4,613	3,476	4,871	4,421	4,503	62
9	3,029	4,340	2,322	3,317	2,322	4,613	3,224	4,787	3,473	3,712	2,199	2,226	3,626	3,035	4,503	51
10	4,433	4,340	3,676	3,317	2,322	3,344	2,189	3,510	2,257	3,712	2,199	2,226	3,626	1,898	3,226	46
11	3,029	3,003	3,676	2,095	2,322	2,233	3,224	3,510	4,842	2,317	3,326	3,476	2,437	4,421	4,503	48
12	3,029	4,340	2,322	3,317	1,000	2,233	3,224	3,510	4,842	3,712	4,613	2,226	3,626	4,421	3,226	50
13	3,029	4,340	2,322	1,000	2,322	3,344	4,524	2,327	3,473	2,317	3,326	1,000	3,626	3,035	3,226	43
14	4,433	3,003	2,322	2,095	2,322	4,613	2,189	3,510	3,473	3,712	2,199	1,000	4,871	4,421	2,163	46
15	4,433	4,340	3,676	3,317	3,676	2,233	2,189	2,327	3,473	3,712	2,199	2,226	2,437	1,898	4,503	47
16	3,029	3,003	1,000	3,317	2,322	3,344	3,224	4,787	3,473	3,712	4,613	3,476	3,626	3,035	3,226	49
17	4,433	4,340	3,676	3,317	3,676	4,613	3,224	3,510	3,473	2,317	3,326	1,000	3,626	3,035	3,226	51
18	3,029	3,003	2,322	3,317	2,322	3,344	3,224	3,510	3,473	2,317	4,613	3,476	4,871	3,035	3,226	49
19	3,029	4,340	1,000	3,317	3,676	4,613	2,189	3,510	2,257	2,317	4,613	2,226	3,626	3,035	3,226	47
20	3,029	3,003	1,000	3,317	2,322	3,344	2,189	4,787	4,842	3,712	4,613	3,476	4,871	4,421	3,226	52

21	4,433	4,340	2,322	3,317	2,322	4,613	4,524	2,327	3,473	2,317	2,199	2,226	3,626	4,421	4,503	51
22	3,029	1,901	3,676	3,317	3,676	3,344	4,524	4,787	4,842	3,712	4,613	3,476	4,871	4,421	4,503	59
23	4,433	4,340	3,676	3,317	2,322	3,344	4,524	2,327	3,473	3,712	3,326	3,476	4,871	4,421	4,503	56
24	4,433	4,340	3,676	3,317	3,676	4,613	3,224	3,510	3,473	3,712	4,613	3,476	3,626	3,035	4,503	57
25	3,029	3,003	2,322	3,317	2,322	3,344	4,524	2,327	3,473	3,712	3,326	1,000	2,437	4,421	3,226	46
26	3,029	3,003	2,322	2,095	2,322	4,613	4,524	3,510	3,473	2,317	3,326	2,226	2,437	4,421	4,503	48
27	1,820	3,003	2,322	1,000	1,000	3,344	3,224	3,510	3,473	2,317	3,326	3,476	4,871	4,421	3,226	44
28	4,433	4,340	3,676	3,317	3,676	4,613	4,524	3,510	3,473	2,317	2,199	2,226	4,871	4,421	4,503	56
29	3,029	3,003	2,322	3,317	3,676	4,613	4,524	4,787	4,842	3,712	3,326	2,226	3,626	3,035	3,226	53
30	3,029	3,003	2,322	3,317	3,676	4,613	4,524	3,510	3,473	2,317	3,326	2,226	4,871	3,035	4,503	52
31	1,820	3,003	2,322	2,095	2,322	3,344	4,524	4,787	4,842	3,712	2,199	3,476	4,871	3,035	4,503	51
32	3,029	1,901	1,000	1,000	2,322	2,233	3,224	1,000	1,000	1,000	2,199	1,000	2,437	3,035	2,163	29
33	1,820	1,901	2,322	2,095	1,000	2,233	3,224	3,510	3,473	2,317	1,000	1,000	2,437	1,898	3,226	33
34	4,433	1,901	2,322	2,095	2,322	2,233	4,524	2,327	3,473	2,317	4,613	1,000	2,437	3,035	4,503	44
35	1,000	1,000	2,322	2,095	1,000	2,233	3,224	3,510	3,473	2,317	3,326	1,000	3,626	1,898	3,226	35
36	3,029	3,003	1,000	2,095	1,000	3,344	4,524	3,510	3,473	2,317	3,326	2,226	3,626	4,421	4,503	45
37	4,433	3,003	2,322	2,095	2,322	3,344	2,189	3,510	3,473	3,712	3,326	2,226	3,626	3,035	4,503	47
38	3,029	3,003	2,322	3,317	1,000	3,344	4,524	3,510	2,257	3,712	4,613	2,226	4,871	3,035	3,226	48
39	3,029	3,003	1,000	1,000	2,322	4,613	4,524	2,327	3,473	3,712	3,326	2,226	1,000	1,000	3,226	40
40	3,029	3,003	1,000	1,000	2,322	2,233	3,224	3,510	4,842	3,712	4,613	2,226	3,626	4,421	4,503	47
41	3,029	3,003	2,322	1,000	2,322	3,344	3,224	3,510	3,473	2,317	3,326	2,226	3,626	3,035	3,226	43
42	3,029	3,003	2,322	2,095	3,676	3,344	4,524	3,510	3,473	3,712	3,326	1,000	2,437	4,421	3,226	47
43	3,029	3,003	2,322	2,095	3,676	3,344	4,524	3,510	3,473	3,712	3,326	3,476	4,871	4,421	3,226	52
44	1,820	1,901	1,000	2,095	1,000	1,000	3,224	2,327	1,501	1,000	3,326	1,000	2,437	1,898	2,163	28

<b>45</b>	4,433	4,340	3,676	3,317	3,676	4,613	4,524	3,510	4,842	3,712	4,613	3,476	4,871	4,421	4,503	63
<b>46</b>	4,433	4,340	1,000	1,000	3,676	4,613	4,524	4,787	3,473	2,317	3,326	2,226	4,871	4,421	4,503	54
<b>47</b>	3,029	3,003	2,322	2,095	2,322	3,344	3,224	3,510	4,842	3,712	4,613	3,476	4,871	4,421	4,503	53
<b>48</b>	3,029	3,003	3,676	2,095	2,322	3,344	2,189	4,787	4,842	3,712	4,613	3,476	2,437	4,421	3,226	51
<b>49</b>	3,029	3,003	3,676	3,317	3,676	4,613	4,524	2,327	4,842	2,317	3,326	2,226	3,626	4,421	4,503	53
<b>50</b>	4,433	1,901	3,676	3,317	3,676	4,613	2,189	2,327	2,257	3,712	2,199	1,000	3,626	4,421	4,503	48
<b>51</b>	4,433	4,340	3,676	2,095	1,000	4,613	4,524	4,787	3,473	2,317	4,613	2,226	2,437	4,421	2,163	51
<b>52</b>	4,433	4,340	3,676	2,095	1,000	4,613	4,524	4,787	3,473	3,712	3,326	2,226	2,437	3,035	2,163	50
<b>53</b>	3,029	3,003	2,322	1,000	2,322	3,344	3,224	3,510	2,257	1,000	4,613	1,000	3,626	4,421	2,163	41
<b>54</b>	4,433	4,340	3,676	3,317	3,676	3,344	4,524	4,787	4,842	2,317	3,326	2,226	4,871	4,421	2,163	56
<b>55</b>	3,029	4,340	1,000	1,000	2,322	2,233	3,224	2,327	3,473	1,000	4,613	3,476	3,626	3,035	2,163	41
<b>56</b>	1,820	3,003	2,322	2,095	2,322	3,344	1,000	2,327	2,257	2,317	3,326	1,000	3,626	3,035	1,000	35
<b>57</b>	3,029	1,901	3,676	1,000	2,322	3,344	3,224	3,510	3,473	2,317	4,613	2,226	3,626	4,421	2,163	45
<b>58</b>	3,029	3,003	1,000	2,095	2,322	4,613	4,524	4,787	3,473	3,712	2,199	3,476	2,437	3,035	4,503	48
<b>59</b>	4,433	1,901	2,322	1,000	3,676	3,344	3,224	2,327	2,257	2,317	3,326	2,226	3,626	4,421	4,503	45
<b>60</b>	3,029	3,003	3,676	2,095	2,322	2,233	2,189	3,510	3,473	3,712	4,613	3,476	4,871	3,035	4,503	50
<b>61</b>	3,029	3,003	2,322	2,095	2,322	3,344	3,224	3,510	3,473	2,317	3,326	2,226	3,626	3,035	3,226	44
<b>62</b>	1,820	4,340	3,676	3,317	1,000	3,344	4,524	2,327	3,473	2,317	4,613	2,226	2,437	4,421	2,163	46
<b>63</b>	1,820	1,000	2,322	1,000	1,000	2,233	3,224	3,510	3,473	2,317	3,326	1,000	2,437	3,035	3,226	35
<b>64</b>	1,000	3,003	2,322	2,095	2,322	3,344	4,524	2,327	2,257	1,000	2,199	1,000	2,437	3,035	2,163	35
<b>65</b>	4,433	4,340	2,322	3,317	3,676	3,344	3,224	3,510	3,473	2,317	3,326	2,226	3,626	4,421	4,503	52
<b>66</b>	3,029	4,340	2,322	3,317	2,322	4,613	4,524	3,510	3,473	3,712	3,326	3,476	4,871	4,421	4,503	56
<b>67</b>	4,433	4,340	3,676	3,317	3,676	4,613	4,524	4,787	4,842	2,317	4,613	3,476	4,871	3,035	3,226	60
<b>68</b>	3,029	3,003	2,322	2,095	3,676	4,613	4,524	4,787	3,473	1,000	4,613	2,226	3,626	3,035	4,503	51

<b>69</b>	3,029	3,003	2,322	1,000	2,322	2,233	3,224	2,327	3,473	2,317	3,326	3,476	2,437	1,898	3,226	40
<b>70</b>	4,433	4,340	2,322	3,317	3,676	4,613	4,524	4,787	4,842	2,317	4,613	1,000	3,626	3,035	4,503	56
<b>71</b>	4,433	4,340	3,676	3,317	3,676	3,344	3,224	3,510	3,473	2,317	3,326	2,226	3,626	4,421	4,503	53
<b>72</b>	3,029	3,003	2,322	1,000	2,322	3,344	3,224	3,510	3,473	2,317	4,613	3,476	3,626	4,421	3,226	47
<b>73</b>	3,029	4,340	2,322	1,000	3,676	4,613	3,224	4,787	4,842	2,317	3,326	2,226	3,626	3,035	3,226	50
<b>74</b>	3,029	3,003	3,676	2,095	2,322	4,613	3,224	4,787	3,473	3,712	4,613	2,226	3,626	4,421	3,226	52
<b>75</b>	3,029	1,901	2,322	2,095	1,000	4,613	1,501	4,787	2,257	2,317	4,613	3,476	2,437	3,035	3,226	43
<b>76</b>	3,029	3,003	2,322	1,000	2,322	3,344	3,224	3,510	3,473	2,317	3,326	1,000	2,437	3,035	3,226	41
<b>77</b>	3,029	3,003	2,322	2,095	2,322	2,233	3,224	3,510	3,473	2,317	4,613	3,476	4,871	4,421	4,503	49
<b>78</b>	4,433	4,340	2,322	2,095	2,322	3,344	3,224	3,510	2,257	2,317	2,199	2,226	2,437	3,035	2,163	42
<b>79</b>	4,433	4,340	3,676	2,095	3,676	3,344	4,524	3,510	4,842	3,712	4,613	2,226	3,626	3,035	4,503	56
<b>80</b>	3,029	4,340	2,322	3,317	2,322	4,613	3,224	4,787	3,473	3,712	3,326	3,476	3,626	4,421	3,226	53
<b>81</b>	3,029	3,003	1,000	2,095	2,322	2,233	3,224	3,510	2,257	2,317	3,326	1,000	2,437	4,421	4,503	41
																3895

## DATA MSI X2

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
1	1	2	0.025	0.025	0.058	-1.965	1.000
	3	7	0.086	0.111	0.189	-1.221	1.820
	4	45	0.556	0.667	0.364	0.431	3.029
	5	27	0.333	1.000	0.000		4.433

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
2	2	2	0.025	0.025	0.058	-1.965	1.000
	3	9	0.111	0.136	0.218	-1.099	1.901
	4	39	0.481	0.617	0.382	0.298	3.003
	5	31	0.383	1.000	0.000		4.340

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
3	3	12	0.148	0.148	0.231	-1.044	1.000
	4	43	0.531	0.679	0.358	0.465	2.322
	5	26	0.321	1.000	0.000		3.676

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
4	3	16	0.198	0.198	0.278	-0.850	1.000
	4	30	0.370	0.568	0.393	0.171	2.095
	5	35	0.432	1.000	0.000		3.317

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
5	3	12	0.148	0.148	0.231	-1.044	1.000
	4	43	0.531	0.679	0.358	0.465	2.322
	5	26	0.321	1.000	0.000		3.676

No. Item	Kategori Skor	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil
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	Jawaban Ordinal					Interval	
6	2	1	0.012	0.012	0.032	-2.246	1.000
	3	14	0.173	0.185	0.267	-0.896	2.233
	4	36	0.444	0.630	0.378	0.331	3.344
	5	30	0.370	1.000	0.000	8.210	4.613

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
7	1	1	0.012	0.012	0.032	-2.246	1.000
	2	1	0.012	0.025	0.058	-1.965	1.501
	3	10	0.123	0.148	0.231	-1.044	2.189
	4	35	0.432	0.580	0.391	0.203	3.224
	5	34	0.420	1.000	0.000	8.210	4.524

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
8	2	1	0.012	0.012	0.032	-2.246	1.000
	3	17	0.210	0.222	0.298	-0.765	2.327
	4	40	0.494	0.716	0.339	0.571	3.510
	5	23	0.284	1.000	0.000		4.787

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
9	1	1	0.012	0.012	0.032	-2.246	1.000
	2	1	0.012	0.025	0.058	-1.965	1.501
	3	12	0.148	0.173	0.256	-0.943	2.257
	4	46	0.568	0.741	0.324	0.646	3.473
	5	21	0.259	1.000	0.000		4.842

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
10	3	7	0.086	0.086	0.158	-1.363	1.000
	4	38	0.469	0.556	0.395	0.140	2.317
	5	36	0.444	1.000	0.000		3.712

No. Item	Kategori Skor	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil
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	Jawaban Ordinal						Interval
11	2	1	0.012	0.012	0.032	-2.246	1.000
	3	13	0.160	0.173	0.256	-0.943	2.199
	4	37	0.457	0.630	0.378	0.331	3.326
	5	30	0.370	1.000	0.000	8.210	4.613

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
12	3	19	0.235	0.235	0.307	-0.724	1.000
	4	38	0.469	0.704	0.346	0.535	2.226
	5	24	0.296	1.000	0.000		3.476

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
13	2	1	0.012	0.012	0.032	-2.246	1.000
	3	21	0.259	0.272	0.332	-0.608	2.437
	4	39	0.481	0.753	0.316	0.684	3.626
	5	20	0.247	1.000	0.000		4.871

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
14	1	1	0.012	0.012	0.032	-2.246	1.000
	3	6	0.074	0.086	0.158	-1.363	1.898
	4	35	0.432	0.519	0.399	0.046	3.035
	5	39	0.481	1.000	0.000		4.421

No. Item	Kategori Skor Jawaban Ordinal	Frekuensi	Proporsional	Proporsional Kumulatif	Densitas (f(z))	Z	Nilai Hasil Interval
15	2	1	0.012	0.012	0.032	-2.246	1.000
	3	12	0.148	0.160	0.244	-0.992	2.163
	4	33	0.407	0.568	0.393	0.171	3.226
	5	35	0.432	1.000	0.000		4.503