

**Tutorial Online**  
**Blok 15 – PBL 3B**  
**Angkatan 2022 Tahun Ajaran 2024/2025**

Senin, 14 Oktober 2024

Kelompok 1

The screenshot displays a Zoom meeting interface. At the top, a green banner indicates "You are viewing 037\_Laila Faza Humaira's screen". The main area is dominated by a shared Microsoft Word document titled "PBL 3 BLOK 15". The document content includes a list of learning objectives under the heading "D. Learning Objectives":

- 1. What are the components that contains in chapter 3?
- 2. What are the types (designs) of research?
- 3. What are the sampling methods?
- 4. What are the measurement tools (instruments) that we use for research?
- 5. How to measure the validity and reliability of the instrument?
- 6. What are the types of data?
- 7. What are the types of statistic tests?

Below the document, a grid of 12 participant video feeds is visible. The participants are identified by their names and IDs: 057\_Qanita Salsabila, 021\_Ali Rahman, 076\_Hana Kayla Nisa, 049\_Berliannisa Nadira, 060\_amanda, 096\_Enggar Nalasamahita, 124\_Ghaida Azka, 132\_Alyssa Aisha Ard..., 037\_Laila Faza Humaira, 095\_Prasasti Cikaltas, and Novitasari Ratna Astuti. The bottom of the screen shows the Zoom control bar with icons for Unmute, Start Video, Participants (12), Chat, Share Screen, Record, Show Captions, Breakout Rooms, Reactions, Apps, Whiteboards, and a "Leave Room" button.

Kelompok 2

You are viewing 002\_Sigma Algebra's screen

View Options

View

The shared document content includes:

4. Conclusion  
Pc

5. LO

a. Data processing method  
Detail by instrument to process it: Manual, mechanical, and Electronic

b. Comparative and correlative analysis  
Comparative analysis is to compare 2 group of subject after an intervention  
Eg. T test and ANOVA

Correlative analysis is to find relationship between two thing  
Spesimen and organism

c. What is an index to say that a journal is up to date?  
Up to date = releasr that more than 5 year for a popular topic, content of the journal itself supposed to be relevant, and the method that the journal use it following the newest guideline

d. How to determine a proper research design for our research?  
e. Indication to choose a specific sampling technique?  
f. Sample size determination and real examples and reasoning?  
g. What is the validity test?  
h. How to test the validity and reliability?  
i. What is the aim of testing reliability and validity?  
j. How to do univariate, bivariate, and multivariate data processing?  
k. Conceptual framework

Participants: 004\_Annisa Firstiana Ratih, 115\_Ahmad Khairil, 002\_Sigma Algebra, 075\_Kintan Mahira, 121\_Salsa Annisa Jiwa, 065\_Davina Anindya Azza..., 051\_Erinta Nurul Lathifah..., 112\_Zaldi M Haikal, 020\_Faiz Iftikharus Sadat, Arya Adi

Unmute Start Video Participants Chat Share Screen Record Show Captions Breakout Rooms Reactions Apps Whiteboards Leave Room

You are viewing 002\_Sigma Algebra's screen

View Options

View

The shared document content includes:

4. Conclusion  
Pc

5. LO

a. Data processing method  
Detail by instrument to process it: Manual, mechanical, and Electronic

b. Comparative and correlative analysis  
Comparative analysis is to compare 2 group of subject after an intervention  
Eg. T test and ANOVA  
Have many group of subject but it will only focus to find/degree one thing  
The comparison of Q20 in people who has been

Correlative analysis is to find relationship between two thing  
Spesimen and organism

c. What is an index to say that a journal is up to date?  
Up to date = releasr not more than 5 year for a popular topic, content of the journal itself supposed to be relevant, and the method that the journal use it following the newest guideline

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Unmute Start Video Participants Chat Share Screen Record Show Captions Breakout Rooms Reactions Apps Whiteboards Leave Room

Kelompok 3

You are viewing 009 FARAH AURA A G's screen

026\_Arifah Aroma Barkah +1 other raised hands

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide from a Microsoft Word document titled 'PBL 3 tabur 3 blok 15'. The slide content includes:

- Statistik parametrik : digunakan jika data berdistribusi normal, dan skala data interval rasio.
- 1) Uji t-test independent : membandingkan rata-rata 2 kelompok yang tidak berkaitan
- 2) Uji t-test berpasangan : membandingkan rata-rata 2 kelompok yang berkaitan, biasanya mengukur sebelum dan sesudah perlakuan
- 3) Anova, one way anova, membandingkan rata-rata lebih 2 kelompok. Two way anova, menguji pengaruh 2 variabel independent terhadap 1 variabel dependen.
- 4) Korelasi Pearson : mengukur hubungan 2 variabel numerik
- 5) Uji regresi linear : memprediksi nilai variabel independent berdasarkan 1 atau lebih variabel dependen (Putri)
- 6) Uji chi square : digunakan untuk menguji

2. Penelitian kualitatif

1. Apa saja jenis penelitian dan desain penelitian?
2. Apa saja teknik pengambilan sampel?
3. Bagaimana cara menentukan besar sampel?
4. Apa saja uji statistik?
5. Apa saja alat ukur yang dapat digunakan dalam setiap jenis penelitian?

The Zoom interface shows 13 participants in a grid. The bottom control bar includes Unmute, Start Video, Participants, Chat, Share Screen, Record, Show Captions, Breakout Rooms, Reactions, Apps, Whiteboards, and Leave Room.

#### Kelompok 4

You are viewing 024\_RINA FATMAWATI's screen

123\_Citra Vani Defira +3 others raised hands

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide from a Microsoft Word document titled 'TUTORIAL PBL 3 BGD...'. The slide content includes:

- Varian atau standar deviasi kuadrat dari populasi. Ini mencerminkan seberapa bervariasinya data.
- Ukuran efek (perbedaan yang diharapkan antara dua kelompok). Semakin kecil  $d$ , semakin besar ukuran sampel yang dibutuhkan.
- Satu populasi estimasi proporsi : untuk penelitian yang prevalensi (DHIA)

1. Apa saja variable dalam penelitian?
  - Variable berdasarkan sifatnya
    - 1) Kualitatif : mengambil nama atau label seperti jenis kelamin
    - 2) Kuantitatif : mewakili kuantitas dan dapat
2. Bagaimana cara pengolahan dan analisa data?
3. Bagaimana cara penyajian data, table grafik diagram?
4. Kriteria inklusi dan eksklusi
5. Bagaimana cara menuliskan definisi operasional?

The Zoom interface shows 13 participants in a grid. The bottom control bar includes Unmute, Start Video, Participants, Chat, Share Screen, Record, Show Captions, Breakout Rooms, Reactions, Apps, Whiteboards, and Leave Room.

#### Kelompok 5

You are viewing 048\_Aghnia Setya's screen

View Options

View

068\_Amira Lutfia

011\_Ainayya Citra Khairu...

126\_Adinda Zahrotun ...

048\_Aghnia Setya

106\_Athira Faiza Syakira

118\_cut tere

015\_Salma Fitria Aryan...

025\_Audri Andhini Raf...

136\_Suci Ramadina

009\_Adhelia Putri

034\_lintang

M Zuvan Wisda...

M Zuvan Wisdawanto

1 unassigned participant

Unmute Start Video Participants Chat Share Screen Record Show Captions Breakout Rooms Reactions Apps Whiteboards Leave Room

Kelompok 6

You are viewing 100\_Nashita Nawal's screen

View Options

View

PKL\_3\_BLOK 15(1) (Read-Only) [Compatibility Model] - Word

D. KESIMPULAN

E. LO

1. Bagaimana cara mengukur besar sampel?

- n =  $N/1 - N(\alpha)^2$  (slipin - cinduhelim)
- $n_0$ : sampel minimum
- N: populasi
- Alpha: persentase basis toleransi margin

2. Apa saja isi metode penelitian dan cara mententukannya?

- Desain penelitian: dipilih sebelum tahun dan pelaksanaan penelitian
- Hipo antar variable kuantitatif
- Populasi dan sampel
- Tempat dan waktu
- Variable
- Definisi operasional
- Alat dan bahan
- Alur penelitian
- Analisis data
- Etika penelitian

3. Apa saja jenis data?

4. Bagaimana cara pengolahan data yang baik dan benar?

5. Bagaimana cara presentasi/visualisasi data yang baik dan benar?

018\_Shinta Adji Sakti

094\_Putri Aprilia Rahmah

114\_Niken Wahyunda

052\_Muhammad Halim

038\_Fadhilhan Gusli

041\_Rieke Dhila H

072\_Cindy Aprilianti

Arief Waskitho

097\_Haliza Rahmani Si...

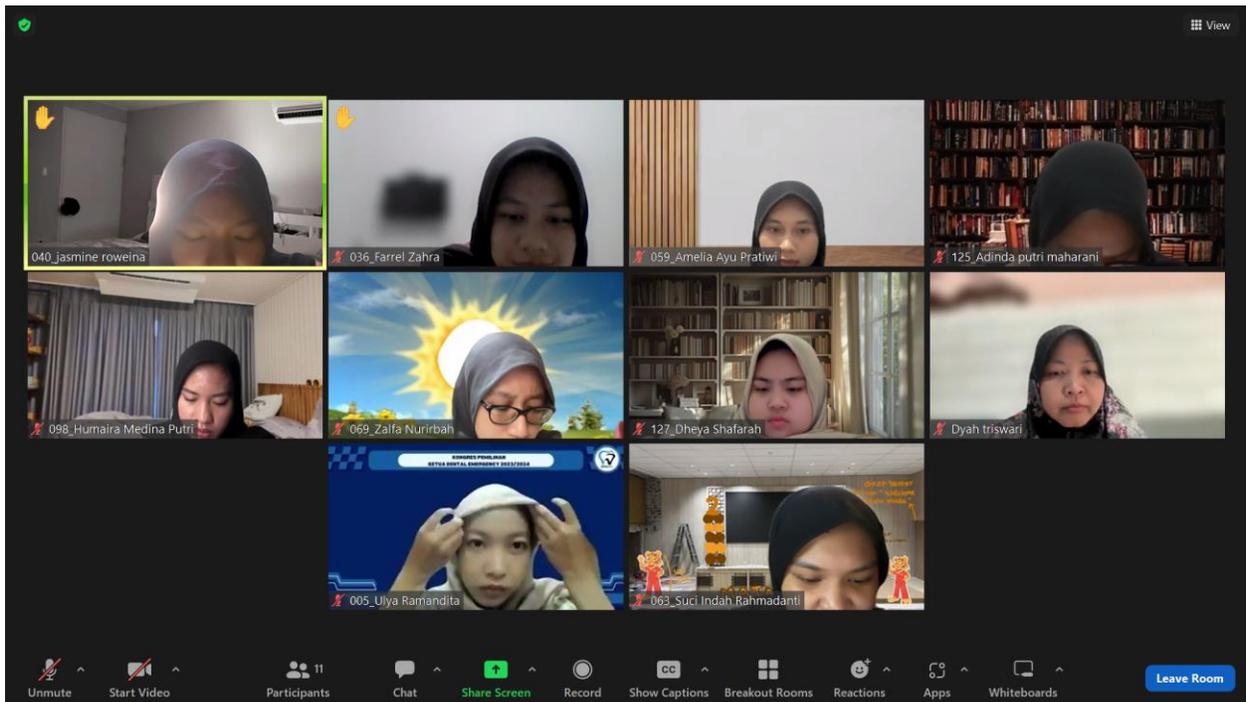
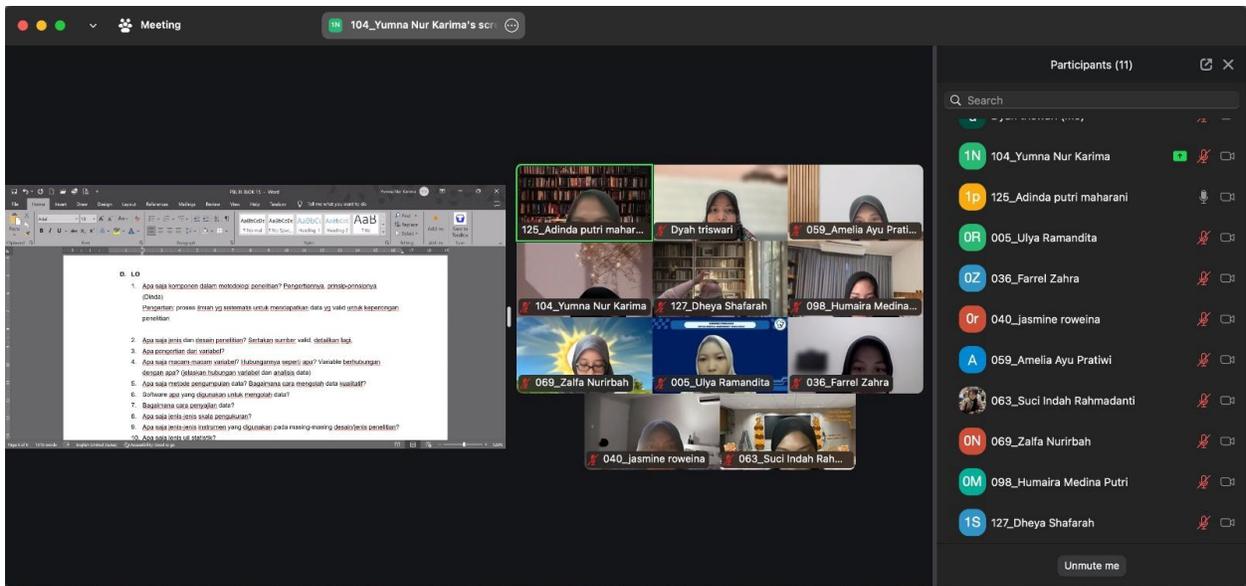
084\_Khansa Putri

100\_Nashita Nawal

Press ESC or double-click to exit full screen mode

Unmute Start Video Participants Chat Share Screen Record Show Captions Breakout Rooms Reactions Apps Whiteboards Leave Room

Kelompok 7



Kelompok 8

You are viewing 133 Alya Shafira Khairani's screen

110\_Annisa Wahyu Nur R... 079\_Jauza' firjatullah 101\_Abghy Sidqul Aziz  
028\_Elza Aulia Azzahra 089\_Zidni Farhati 133\_Alya Shafira Khair...  
058\_Previa Carina Architta Elisabela 017\_Bidarin Nur Arifah  
Dian Yosi Arinawati 022\_Rabiah Amala

Unmute Start Video Participants Chat Share Screen Record Show Captions Breakout Rooms Reactions Apps Whiteboards Leave Room

## Kelompok 9

You are viewing 122\_Naufal Hanif's screen

023\_fathiya alma 064\_Nanda Ardi Nugr... 003\_Lanlan Risky Kurni...  
082\_Aisyah Fitria Kurni... 113\_Arina Yulianingsih 054\_Angelita Merha P...  
122\_Naufal Hanif 013\_Putri Aulia Cahyana 066\_sepvi nayara  
092\_Tsaabita Jihan R.K. Iwan Dewanto

Unmute Start Video Participants Chat Share Screen Record Show Captions Breakout Rooms Reactions Apps Whiteboards Leave Room

## Kelompok 10

You are viewing 027\_Fawwaz aurni afi's screen

View Options

View

The screenshot shows a Zoom meeting interface. The main window displays a Microsoft Word document titled 'PEL3 BLOK 13 TUJUH.docx'. The document content includes a list of three points:

- 1) rasional : kegiatan harus masuk akal dan dijelaskan dg pemalaran manusia atau dipahami oleh org lain
- 2) sistematis : proses penelitian harus menggunakan langkah langkah tertentu yg logis, konsisten teratur
- 3) empiris : harus dapat direplikasi dan diverifikasi oleh orang lain

The bottom of the screen shows the Zoom control bar with options like Unmute, Start Video, Participants (12), Chat, Share Screen, Record, Show Captions, Breakout Rooms, Reactions, Apps, Whiteboards, and a Leave Room button.

On the right side, there is a gallery view of participants with the following names visible:

- 071\_Berliana Dea Syabita
- 108\_Alвина Diandra Flore...
- 117\_Ade Maylista Rah...
- 043\_Nevlein Syavira A...
- 056\_Pranthya Inna Hy...
- 102\_Nadya Wahyu A
- 035\_Vidia kusuma
- 027\_Fawwaz aurni afi
- 111\_Michall Farhan Su...
- Muhammad Rizky Syu...
- hantanti Putri utami

## Kelompok 11

You are viewing 031\_Alisya Mayla Athifah's screen

View Options

View

The screenshot shows a Zoom meeting interface. The main window displays a Microsoft Word document titled 'PEL 3 BLOK 10'. The document content includes a list of points:

- Berdasarkan metode : studi kasus, studi survei, eksperimen (adisti)
- Studi kasus : merupakan suatu bentuk penelitian yang terintegrasi, tujuannya untuk mengembangkan pengetahuan yang mendalam tentang objek yang diteliti sebagai penelitian yang eksploratif, kasus yang terbatas pada satu orang, masyarakat, dll. biasanya teknik yang digunakan observasi langsung dan wawancara bebas, umumnya digunakan dalam studi eksploratif saja bukan untuk menguji atau mengembangkan hipotesis
- Studi survei : tujuannya untuk mengumpulkan besar data berupa variabel dalam waktu yang bersamaan, agar dapat menggeneralisasikan, dapat berupa variabel sosial, dapat digunakan untuk tujuan deskriptif dan untuk uji hipotesis, biasanya dengan wawancara/kuis/online/angket (untuk sosial masyarakat) , jika fisik dengan observasi langsung dengan sampel (adisti)
- Etnografi : masuk ke dalam penelitian kualitatif, fungsi nya untuk mempelajari etnis satu kebudayaan di tempat penelitian dilakukan (misal menyirih/menginang), menggali pengalaman/perilaku dalam konteks kepercayaan yang dilakukan sekelompok orang, bisa digunakan sebagai praktik praktik ritual yang bert

4. Apa tujuan dari setiap jenis penelitian (Irfi)
5. Macam-macam teknik sampling (yuda)
6. Apa saja jenis uji statistik (abelio)
7. Apa saja jenis data pada penelitian (dita)

The bottom of the screen shows the Zoom control bar with options like Unmute, Start Video, Participants (12), Chat, Share Screen, Record, Show Captions, Breakout Rooms, Reactions, Apps, Whiteboards, and a Leave Room button.

On the right side, there is a gallery view of participants with the following names visible:

- 016\_Dita Syifa
- 039\_Helmalia Octavia
- 050\_Adisti Khairunisa
- 031\_Alisya Mayla Athif...
- 070\_Siti Zahra Mahara...
- 062-Irfi dewi mullanti...
- 086\_Abelio Halpasix
- 047\_Fachri Ali Haryandi
- Erni Sulis
- 014\_aditya rediana
- Satria Yuda W

## Kelompok 12

The image shows a Zoom meeting interface. The main window displays a Microsoft Word document titled "PBL 3 BDK 13(1) - Saving...". The document content is as follows:

Desain penelitian tetap ; sudah diketahui sebelum pengumpulan data  
Desain penelitian fleksibel: tergantung responden

Jenis penelitian: focus ke...  
Desain penelitian: cara penelitian

Desain Penelitian

- Desain observasional: terdiri drj cross sectional, case control, dan cohort
- Desain eksperimental: RCT, dan Quasi eksperimen

3. Apa saja Teknik analisis data?

4. Bagaimana penyajian data?

The Zoom interface includes a top bar with "You are viewing 045\_Bilqis Aulia's screen" and "View Options". A grid of 12 participants is visible on the right side. The bottom toolbar contains icons for Unmute, Start Video, Participants (12), Chat, Share Screen, Record, Show Captions, Breakout Rooms, Reactions, Apps, Whiteboards, and a "Leave Room" button.