UBS AG
Form 424B2
January 29, 2019

The information in this preliminary pricing supplement is not complete and may be changed. This preliminary pricing supplement is not an offer to sell nor does it seek an offer to buy these notes in any jurisdiction where the offer or sale is not permitted.

Filed Pursuant to Rule 424(b)(2)
Registration Statement No. 333-225551

Subject to Completion. Dated January 29, 2019.

UBS AG
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Capped Leveraged Buffered Basket-Linked Medium-Term Notes due
The notes will not bear interest. The amount that you will be paid on your notes on the stated maturity date (expected to be the second business day after the determination date) is based on the performance of an unequally-weighted basket of five indices: the EURO STOXX 50® Index (36.00% weighting), TOPIX® Index (27.00% weighting), FTSE® 100 Index (20.00% weighting), Swiss Market Index (SMI)® (9.00% weighting) and S&P/ASX 200 Index (8.00% weighting) (each a "basket underlier" and together, the "basket underliers") as measured from the trade date to and including the determination date (expected to be between 18 and 21 months after the trade date). The initial basket level will be set to 100 on the trade date and the final basket level (the basket closing level on the determination date) will equal the *sum* of the products, as calculated for each basket underlier, of: (i) the final underlier level of such basket underlier *times* (ii) the weighting multiplier for such basket underlier. The weighting multiplier will equal, for each basket underlier, a positive amount equal to the *quotient* of (i) the *product* of the initial basket level *times* the weighting percentage for such basket underlier *divided by* (ii) the initial underlier level for such basket underlier. If the final basket level on the determination date is greater than the initial basket level, the return on your notes will be positive, subject to the maximum settlement amount (expected to be between $1,239.70 and $1,281.10 for each $1,000 face amount of your notes). If the final basket level declines by up to 10.00% from the initial basket level, you will receive the face amount of your notes. **If the final basket level declines by more than 10.00% from the initial basket level, the return on your notes will be negative. Specifically, you will lose approximately 1.1111% for every 1% negative basket return below the buffer level of 90.00% of the initial basket level. You could lose your entire investment in the notes.**

To determine your cash settlement amount, we will calculate the basket return, which is the percentage increase or decrease in the final basket level from the initial basket level. On the stated maturity date, for each $1,000 face amount of your notes, you will receive an amount in cash equal to:

- if the basket return is *positive* (the final basket level is *greater than* the initial basket level), the *sum* of (i) $1,000 *plus* (ii) the *product* of (a) $1,000 *times* (b) the upside participation rate of 300% *times* (c) the basket return, subject to the maximum settlement amount;
- if the basket return is *zero* or *negative* but *not below* -10.00% (the final basket level is *equal to or less than* the initial basket level but not by more than 10.00%), $1,000; or
- if the basket return is *negative* and is *below* -10.00% (the final basket level is *less than* the initial basket level by more than 10.00%), the *sum* of (i) $1,000 *plus* (ii) the *product* of (a) approximately 111.11% *times* (b) the *sum of* the basket return plus 10.00% *times* (c) $1,000.

Your investment in the notes involves certain risks, including, among other things, our credit risk. See "Additional Risk Factors Specific To Your Notes" beginning on page 16 of this preliminary pricing supplement. You should read the additional disclosure herein so that you may better understand the terms and risks of your

investment.

The estimated initial value of the notes as of the trade date is expected to be between $948.80 and $978.80 per $1,000 face amount. The range of the estimated initial value of the notes was determined on the date hereof by reference to UBS' internal pricing models, inclusive of the internal funding rate. For more information about secondary market offers and the estimated initial value of the notes, see "Additional Risk Factors Specific To Your Notes — Fair Value Considerations" and "Additional Risk Factors Specific To Your Notes — Limited or No Secondary Market and Secondary Market Price Considerations" on pages 17 and 18 of this preliminary pricing supplement.

Original issue date:	, 2019	**Original issue price*:**	100.00% of the face amount
Underwriting discount*:	Up to 1.67% of the face amount	**Net proceeds to the issuer:**	At least 98.33% of the face amount

*** The original issue price for certain investors will be between 98.33% and 100.00% of the face amount, reflecting a foregone underwriting discount with respect to such notes; see "Supplemental plan of distribution (conflicts of interest); secondary markets (if any)" beginning on page 7.**

Neither the Securities and Exchange Commission nor any other regulatory body has approved or disapproved of these notes or passed upon the accuracy or adequacy of this preliminary pricing supplement, the accompanying product supplement, the accompanying index supplement or the accompanying prospectus. Any representation to the contrary is a criminal offense. The notes are not bank deposits and are not insured by the Federal Deposit Insurance Corporation or any other governmental agency.

UBS Securities LLC

Pricing Supplement dated , 2019.

The issue price, underwriting discount and net proceeds listed above relate to the notes we sell initially. We may decide to sell additional notes after the date of the final pricing supplement, at issue prices and with underwriting discounts and net proceeds that differ from the amounts set forth above. The return (whether positive or negative) on your investment in the notes will depend in part on the issue price you pay for such notes.

UBS Securities LLC, our affiliate, will purchase the notes from UBS for distribution to one or more registered broker dealers ("dealers"). UBS Securities LLC, the dealers or any of their respective affiliates may use this preliminary pricing supplement in market-making transactions in notes after their initial sale. **Unless UBS, UBS Securities LLC, the dealers or any of their respective affiliates selling such notes to you informs you otherwise in the confirmation of sale, the pricing supplement to which this preliminary pricing supplement relates is being used in a market-making transaction**. See "Supplemental plan of distribution (conflicts of interest); secondary markets (if any)" in this preliminary pricing supplement and "Supplemental Plan of Distribution (Conflicts of Interest)" in the accompanying product supplement.

SUMMARY INFORMATION

UBS has filed a registration statement (including a prospectus, as supplemented by a product supplement for the notes and an index supplement for various securities we may offer, including the notes), with the Securities and Exchange Commission, or SEC, for the offering to which this preliminary pricing supplement relates. Before you invest, you should read these documents and any other documents relating to this offering that UBS has filed with the SEC for more complete information about UBS and this offering. You may obtain these documents without cost by visiting EDGAR on the SEC website at www.sec.gov. Our Central Index Key, or CIK, on the SEC website is 0001114446.

You may access these documents on the SEC website at www.sec.gov as follows:

- Underlier-Linked Notes product supplement dated November 1, 2018:
http://www.sec.gov/Archives/edgar/data/1114446/000091412118002089/ub46174527-424b2.htm

- Index Supplement dated October 31, 2018:
http://www.sec.gov/Archives/edgar/data/1114446/000091412118002083/ub46174419-424b2.htm

- Prospectus dated October 31, 2018:
http://www.sec.gov/Archives/edgar/data/1114446/000119312518314003/d612032d424b3.htm

References to "UBS," "we," "our" and "us" refer only to UBS AG and not to its consolidated subsidiaries. In this preliminary pricing supplement, "notes" refer to the Capped Leveraged Buffered Basket-Linked Medium-Term Notes that are offered hereby, unless the context otherwise requires. Also, references to the "accompanying product supplement" mean the UBS Underlier-Linked Notes product supplement, dated November 1, 2018, references to the "accompanying index supplement" mean the UBS index supplement dated October 31, 2018 and references to the "accompanying prospectus" mean the UBS prospectus titled "Debt Securities and Warrants," dated October 31, 2018.

This preliminary pricing supplement, together with the documents listed above, contains the terms of the notes and supersedes all other prior or contemporaneous oral statements as well as any other written materials including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, brochures or other educational materials of ours. You should carefully consider, among other things, the matters set forth in "Additional Risk Factors Specific To Your Notes" beginning on page 16 and in "Risk Factors" beginning on page PS-31 in the accompanying product supplement, as the notes involve risks not associated with conventional debt securities. We urge you to consult your investment, legal, tax and other advisors before deciding to invest in the notes.

UBS reserves the right to change the terms of, or reject any offer to purchase, the notes prior to their issuance. In the event of any changes to the terms of the notes, UBS will notify you and you will be asked to accept such changes in connection with your purchase. You may also choose to reject such changes in which case UBS may reject your offer to purchase.

INVESTOR SUITABILITY

The notes may be suitable for you if:

- You fully understand the risks inherent in an investment in the notes, including the risk of loss of your entire initial investment.
- You can tolerate a loss of all or a substantial portion of your investment and are willing to make an investment that may have the full downside market risk of an investment in the basket underliers or in the stocks comprising the basket underliers (the "underlier stocks"), subject to the buffer level.
- You believe the level of the basket will appreciate over the term of the notes and the final basket level is unlikely to exceed the cap level (to be set on the trade date and expected to be between 107.99% and 109.37% of the initial basket level).
- You understand and accept that your return on the notes is limited by the maximum settlement amount and you are willing to invest in the notes based on the maximum settlement amount (to be set on the trade date and expected to be between $1,239.70 and $1,281.10 for each $1,000.00 face amount of your notes).
- You can tolerate fluctuations in the price of the notes throughout their term that may be similar to or exceed the downside fluctuations in the level of the basket underliers or the price of the underlier stocks.
- You do not seek guaranteed current income from your investment and are willing to forego any dividends paid on the underlier stocks.
- You are willing to hold the notes to maturity, a term expected to be between 18 and 21 months, and accept that there may be little or no secondary market for the notes.
- You seek an investment with exposure to companies in the Eurozone, Japan, United Kingdom, Switzerland and Australia.
- You are willing to assume the credit risk of UBS for all payments under the notes, and understand that if UBS defaults on its obligations you may not receive any amounts due to you including any repayment of principal.
- You understand that the estimated initial value of the notes determined by our internal pricing models is lower than the issue price and that should UBS Securities LLC or any affiliate make secondary markets for the notes, the price (not including their customary bid-ask spreads) will temporarily exceed the internal pricing model price.

The notes may not be suitable for you if:

- You do not fully understand the risks inherent in an investment in the notes, including the risk of loss of your entire initial investment.
- You require an investment designed to guarantee a full return of principal at maturity.
- You cannot tolerate a loss of all or a substantial portion of your investment or are not willing to make an investment that may have the full downside market risk of an investment in the basket underliers or in the underlier stocks, subject to the buffer level.
- You believe that the level of the basket will decline during the term of the notes and the final basket level will likely be less than the initial basket level by more than 10.00%, or you believe the level of the basket will appreciate over the term of the notes and that the final basket level is likely to exceed the cap level (to be set on the trade date and expected to be between 107.99% and 109.37% of the initial basket level).
- You seek an investment that has unlimited return potential without a cap on appreciation or you are unwilling to invest in the notes based on the maximum settlement amount (to be set on the trade date and expected to be between $1,239.70 and $1,281.10 for each $1,000.00 face amount of your notes).

- You cannot tolerate fluctuations in the price of the notes throughout their term that may be similar to or exceed the downside fluctuations in the level of the basket underliers or the price of the underlier stocks.
- You seek guaranteed current income from this investment or prefer to receive the dividends paid on the underlier stocks.
- You are unable or unwilling to hold the notes to maturity, a term expected to be between 18 and 21 months, or you seek an investment for which there will be an active secondary market.
- You do not seek an investment with exposure to companies in the Eurozone, Japan, United Kingdom, Switzerland and Australia.
- You are not willing to assume the credit risk of UBS for all payments under the notes.

The investor suitability considerations identified above are not exhaustive. Whether or not the notes are a suitable investment for you will depend on your individual circumstances and you should reach an investment decision only after you and your investment, legal, tax, accounting and other advisors have carefully considered the suitability of an investment in the notes in light of your particular circumstances. You should also review "Additional Risk Factors Specific To Your Notes" in this preliminary pricing supplement and the more detailed "Risk Factors" in the accompanying product supplement for risks related to an investment in the notes.

KEY TERMS

Issuer: UBS AG London Branch

Underlier: An unequally-weighted basket of five indices. For more information about the indices see "The Basket and the Basket Underliers" on page 25 in this preliminary pricing supplement.

About the Basket: The following table lists the basket underliers and their corresponding Bloomberg tickers, percentage weights in the basket, weighting multipliers and initial underlier levels. The weighting multipliers and the initial underlier levels will not be determined until the trade date.

Bloomberg Ticker	Basket Underlier	Percentage Weight in the Basket	Weighting Multiplier (to be set on the trade date)	Initial Underlier Level (to be set on the trade date)
SX5E	EURO STOXX 50® Index	36.00%	n	n
TPX	TOPIX® Index	27.00%	n	n
UKX	FTSE® 100 Index	20.00%	n	n
SMI	Swiss Market Index (SMI)®	9.00%	n	n
AS51	S&P/ASX 200 Index	8.00%	n	n

Specified currency: U.S. dollars ("$")

Terms to be specified in accordance with the accompanying product supplement:

- type of notes: notes linked to an unequally-weighted basket of five indices
- averaging dates: not applicable
- cap level: yes, as described below
- buffer level: yes, as described below
- interest: not applicable

Face amount: Each note will have a face amount of $1,000; $ in the aggregate for all the offered notes; the aggregate face amount of the offered notes may be increased if the issuer, at its sole option, decides to sell an additional aggregate face amount of the notes subsequent to the date of the final pricing supplement. The issue price, underwriting discount, and net proceeds of the notes in the subsequent sale may differ substantially (higher or lower) from the original issue price you paid as provided on the cover of the final pricing supplement. The return (whether positive or negative) on your investment in the notes will depend in part on the issue price you pay for such notes.

Purchase at amount other than face amount: The amount we will pay you at the stated maturity date for your notes will not be adjusted based on the issue price you pay for your notes, so if you acquire notes at a premium (or discount) to face amount and hold them to the stated maturity date, it could affect your investment in a number of ways. The return on your investment in such notes will be lower (or higher) than it would have been had you purchased the notes at face amount. Also, the stated buffer level would not offer the same measure of protection to your investment as would be the case if you had purchased the notes at face amount. Additionally, the cap level would be triggered at a lower (or higher) percentage return than indicated below, relative to your initial investment. See "Additional Risk Factors Specific To Your Notes — If You Purchase Your Notes at a Premium to Face Amount, the Return on Your Investment Will Be Lower Than the Return on Notes Purchased at Face Amount and the Impact of Certain Key Terms of the Notes Will be Negatively Affected" beginning on page 19 in this preliminary pricing supplement.

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Supplemental discussion of U.S. federal income tax consequences: You will be obligated pursuant to the terms of the notes — in the absence of a change in law, an administrative determination or a judicial ruling to the contrary — to characterize each note for all tax purposes as a prepaid derivative contract in respect of the underlier, as described under "Material U.S. Federal Income Tax Consequences" in the accompanying product supplement. Pursuant to this approach, based on certain factual representations received from us, our counsel, Cadwalader, Wickersham & Taft LLP, is of the opinion that upon the taxable disposition of your notes, it would be reasonable for you to recognize capital gain or loss equal to the difference, if any, between the amount of cash you receive at such time and your tax basis in your notes. The Internal Revenue Service (the "IRS") might not agree with this treatment, however, in which case, the timing and character of income or loss on your note could be materially and adversely affected.

Additionally, we will not attempt to ascertain whether any issuers of the underlier stocks would be treated as a "passive foreign investment company" (a "PFIC") within the meaning of Section 1297 of the Internal Revenue Code of 1986, as amended (the "Code"). If any such entity were so treated, certain adverse U.S. federal income tax consequences might apply to U.S. holders upon the taxable disposition (including cash settlement) of the notes. You should refer to information filed with the SEC or an equivalent governmental authority by such entities and consult your tax advisor regarding the possible consequences to you if any such entity is or becomes a PFIC.

A 30% withholding tax (which may be reduced by an applicable income tax treaty) is imposed under Section 871(m) of the Code on certain "dividend equivalents" paid or deemed paid to a non-U.S. holder with respect to a "specified equity-linked instrument" that references one or more dividend-paying U.S. equity securities or indices containing U.S. equity securities. The withholding tax can apply even if the instrument does not provide for payments that reference dividends. U.S. Treasury Department ("Treasury") regulations provide that the withholding tax applies to all dividend equivalents paid or deemed paid on specified equity-linked instruments that have a delta of one ("delta-one specified equity-linked instruments") issued after 2016 and to all dividend equivalents paid or deemed paid on all other specified equity-linked instruments issued after 2018. However, the IRS has issued guidance that states that the Treasury and the IRS intend to amend the effective dates of the Treasury regulations to provide that withholding on dividend equivalents paid or deemed paid will not apply to specified equity-linked instruments that are not delta-one specified equity-linked instruments and are issued before January 1, 2021.

Based on our determination that the notes are not "delta-one" with respect to any basket underliers or U.S. underlier stocks, our counsel is of the opinion that the notes should not be delta-one specified equity-linked instruments and thus should not be subject to withholding on dividend equivalents. Our determination is not binding on the IRS, and the IRS may disagree with this determination. Furthermore, the application of Section 871(m) of the Code will depend on our determinations made upon issuance of the notes. If withholding is required, we will not make payments of any additional amounts.

Nevertheless, after issuance, it is possible that your notes could be deemed to be reissued for tax purposes upon the occurrence of certain events affecting the basket underliers, underlier stocks or your notes, and following such occurrence your notes could be treated as delta one specified equity-linked instruments that are subject to withholding on dividend equivalents. It is also possible that withholding tax or other tax under Section 871(m) of the Code could apply to the notes under these rules if you enter, or have entered, into certain other transactions in respect of the basket underliers, underlier stocks or the notes. If you enter, or have entered, into other transactions in respect of the basket underliers, underlier stocks or the notes you should consult your tax advisor regarding the application of Section 871(m) of the Code to your notes in the context of your other transactions.

Because of the uncertainty regarding the application of the 30% withholding tax on dividend equivalents to the notes, you are urged to consult your tax advisor regarding the potential application of Section 871(m) of the Code and the 30% withholding tax to an investment in the notes.

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Pursuant to final and temporary Treasury regulations and other IRS guidance, the withholding and reporting requirements under FATCA generally apply to certain "withholdable payments" and will generally not apply to gross proceeds on a sale or disposition and will generally apply to certain foreign passthru payments only to the extent that such payments are made after the date that is two years after final regulations defining the term "foreign passthru payment" are published. We will not pay additional amounts with respect to such withholding taxes discussed above. Foreign financial institutions and non-financial foreign entities located in jurisdictions that have an intergovernmental agreement with the U.S. governing FATCA may be subject to different rules.

Subject to the paragraph above, you should read the discussion under "Supplemental U.S. Tax Considerations — Non-United States Holders — Foreign Account Tax Compliance Act" beginning on page PS-77 in the accompanying product supplement and consult your tax advisor concerning the potential application of the Foreign Account Tax Compliance Act."

For more information about the tax consequences of an investment in the notes, you should review carefully the section of the accompanying product supplement entitled "Material U.S. Federal Income Tax Consequences".

Cash settlement amount (on the stated maturity date): for each $1,000 face amount of your notes, we will pay you on the stated maturity date an amount in cash equal to:

- if the final basket level is *greater than or equal to* the cap level, the maximum settlement amount;
- if the final basket level is *greater than* the initial basket level but *less than* the cap level, the *sum* of (i) $1,000 *plus* (ii) the *product of* (a) $1,000 times (b) the upside participation rate *times* (c) the basket return;
- if the final basket level is *equal to* or *less than* the initial basket level but *greater than* or *equal to* the buffer level, $1,000; or
- if the final basket level is *less than* the buffer level, the *sum* of (i) $1,000 *plus* (ii) the product of (a) $1,000 *times* (b) the buffer rate *times* (c) the *sum* of the basket return *plus* the buffer amount.

Initial basket level: to be set equal to 100 on the trade date

Basket closing level: for any given trading day, the *sum* of the products, as calculated for each basket underlier, of the closing level for each basket underlier on such trading day *multiplied by* the weighting multiplier for each such basket underlier

Closing level: as described under "General Terms of the Notes — Closing Level" in the accompanying product supplement

Initial underlier level: for each of the basket underliers, the closing level of such basket underlier on the trade date, as determined by the calculation agent

Final underlier level: for each of the basket underliers, the closing level of such basket underlier on the determination date, as determined by the calculation agent

Final basket level: the basket closing level on the determination date, except in the limited circumstances described under "General Terms of the Notes — Market Disruption Event — Consequences of a Market Disruption Event or a Non-Trading Day" and "— Discontinuance of or Adjustments to the Index Underlier or an Index Basket Underlier; Alteration of Method of Calculation" in the accompanying product supplement

Basket return: the *quotient* of (1) the final basket level *minus* the initial basket level *divided* by (2) the initial basket level, expressed as a percentage

Weighting percentage: for each basket underlier, the applicable percentage weight of such basket underlier within the basket of underliers as set forth under "About the Basket" on page 3; the sum of the weighting percentages of all basket underliers will equal 100%

Weighting multiplier: for each basket underlier, a positive amount equal to the *quotient* of (i) the *product* of the initial basket level *times* the weighting percentage for such basket underlier *divided* by (ii) the initial underlier level for such basket underlier; the weighting multipliers will remain constant for the life of the notes

Upside participation rate: 300.00%

Cap level (to be set on the trade date): a level of the basket expected to be between 107.99% and 109.37% of the initial basket level

Maximum settlement amount (to be set on the trade date): expected to be between $1,239.70 and $1,281.10

Buffer level: 90.00% of the initial basket level

Buffer amount: 10.00%

Buffer rate: the quotient of the initial basket level divided by the buffer level, which equals approximately 111.11%

Trade date: [ ]

Original issue date (settlement date) (to be set on the trade date): expected to be the fifth business day following the trade date

Determination date (to be set on the trade date): a specified date that is expected to be between 18 and 21 months after the trade date, subject to adjustment as described under "General Terms of the Notes — Determination Date" in the accompanying product supplement.

Stated maturity date (to be set on the trade date): a specified date that is expected to be the second business day after the determination date, subject to adjustment as described under "General Terms of the Notes — Stated Maturity Date" in the accompanying product supplement, provided, however, that if the determination date is postponed as provided under "Determination date" above, the stated maturity date will be postponed by the same number of business day(s) from but excluding the originally scheduled determination date to and including the actual determination date.

Additional Market Disruption Event: Notwithstanding any provision to the contrary in the accompanying product supplement, if the EURO STOXX 50® Index is calculated and published by its sponsor (the "underlier sponsor"), a market disruption event may occur if (a) underlier stocks constituting 20% or more, by weight, of such basket underlier or any constituent index of such basket underlier, or (b) any option or futures contracts, if available, relating to (i) such basket underlier, (ii) any constituent index of such basket underlier, or (iii) underlier stocks constituting 20% or more, by weight, of such basket underlier or any constituent index of such basket underlier do not trade on what were the respective primary markets for those underlier stocks or contracts, as determined by the calculation agent, including when one or more applicable markets are closed for trading under ordinary circumstances.

No interest: The offered notes will not bear interest.

No redemption: The offered notes will not be subject to a redemption right or price dependent redemption right.

No listing: The offered notes will not be listed on any securities exchange or interdealer quotation system.

Business day: as described under "General Terms of the Notes — Business Day" in the accompanying product supplement

Trading day: When we refer to a trading day with respect to a basket underlier, we mean (i) for the TOPIX® Index, the FTSE® 100 Index, the Swiss Market Index (SMI)® and the S&P/ASX 200 Index, a day as described under "General Terms of the Notes—Trading Day" in the accompanying product supplement

and (ii) for the EURO STOXX 50® Index, a day on which such basket underlier is calculated and published by its underlier sponsor.

Use of proceeds and hedging: as described under "Use of Proceeds and Hedging" in the accompanying product supplement

ERISA: as described under "ERISA Considerations" in the accompanying product supplement

Supplemental plan of distribution (conflicts of interest); secondary markets (if any): UBS will agree to sell to UBS Securities LLC, and UBS Securities LLC will agree to purchase from UBS, the aggregate face amount of the notes specified on the front cover of the final pricing supplement. UBS Securities LLC proposes initially to offer the notes to certain unaffiliated securities dealers at an original issue price set forth on the cover page of this preliminary pricing supplement less a concession not in excess of 1.67% of the face amount. The original issue price for notes purchased by certain fee-based advisory accounts will be between 98.33% and 100.00% of the face amount, which reflects a foregone underwriting discount with respect to such notes (i.e., the underwriting discount specified on the cover of this preliminary pricing supplement with respect to such notes may be as low as 0.00%).

We expect to deliver the notes against payment therefor in New York, New York on , 2019, which is expected to be the fifth business day following the date of the final pricing supplement and of the pricing of the notes. Under Rule 15c6-1 of the Securities Exchange Act of 1934, as amended, trades in the secondary market generally are required to settle in two business days (T + 2), unless the parties to any such trade expressly agree otherwise. Accordingly, purchasers who wish to trade notes on any date prior to two business days before delivery will be required, by virtue of the fact that the notes are initially expected to settle in five business days (T + 5), to specify alternative settlement arrangements to prevent a failed settlement.

Conflicts of interest: UBS Securities LLC is an affiliate of UBS and, as such, has a "conflict of interest" in the offering within the meaning of the Financial Industry Regulatory Authority, Inc. ("FINRA") Rule 5121. In addition, UBS will receive the net proceeds from the initial public offering of the notes, thus creating an additional conflict of interest within the meaning of FINRA Rule 5121. Consequently, the offering is being conducted in compliance with the provisions of FINRA Rule 5121.

*UBS Securities LLC and its affiliates may offer to buy or sell the notes in the secondary market (if any) at prices greater than UBS' internal valuation***:** The value of the notes at any time will vary based on many factors that cannot be predicted. However, the price (not including UBS Securities LLC's or any affiliate's customary bid-ask spreads) at which UBS Securities LLC or any affiliate would offer to buy or sell the notes immediately after the trade date in the secondary market is expected to exceed the estimated initial value of the notes as determined by reference to our internal pricing models. The amount of the excess will decline to zero on a straight line basis over a period ending no later than 3 months after the trade date, provided that UBS Securities LLC may shorten the period based on various factors, including the magnitude of purchases and other requests from and negotiated arrangements with selling agents. Notwithstanding the foregoing, UBS Securities LLC and its affiliates are not required to make a market for the notes and may stop making a market at any time. For more information about secondary market offers and the estimated initial value of the notes, see "Additional Risk Factors Specific To Your Notes — Fair value considerations" and "Additional Risk Factors Specific To Your Notes — Limited or No Secondary Market and Secondary Market Price Considerations" in this preliminary pricing supplement.

Prohibition of Sales to EEA Retail Investors: The notes are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in the European Economic Area ("EEA"). For these purposes, a retail investor means a person who is one (or more) of: (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU, as amended ("MiFID II"); (ii) a customer within the

meaning of Directive 2002/92/EC, as amended, where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or (iii) not a qualified investor as defined in Directive 2003/71/EC, as amended. Consequently no key information document required by Regulation (EU) No 1286/2014, as amended (the "PRIIPs Regulation"), for offering or selling the notes or otherwise making them available to retail investors in the EEA has been prepared and therefore offering or selling the notes or otherwise making them available to any retail investor in the EEA may be unlawful under the PRIIPs Regulation.

Calculation agent: UBS Securities LLC

CUSIP no.: 90270KXD6

ISIN no.: US90270KXD61

FDIC: The notes are not bank deposits and are not insured by the Federal Deposit Insurance Corporation or any other governmental agency.

HYPOTHETICAL EXAMPLES

The following table and chart are provided for purposes of illustration only. They should not be taken as an indication or prediction of future investment results and are intended merely to illustrate the impact that the various hypothetical final basket levels on the determination date could have on the cash settlement amount at maturity assuming all other variables remain constant.

The examples below are based on a range of final basket levels that are entirely hypothetical; no one can predict what the basket level will be on any day throughout the life of your notes, and no one can predict what the final basket level will be on the determination date. The levels of the basket underliers have been volatile in the past — meaning that the levels of the basket underliers have changed considerably in relatively short periods — and their performance (and therefore the performance of the basket) cannot be predicted for any future period.

The information in the following examples reflects hypothetical rates of return on the offered notes assuming that they are purchased on the original issue date at the face amount and held to the stated maturity date. If you sell your notes in a secondary market prior to the stated maturity date, your return will depend upon the market value of your notes at the time of sale, which may be affected by a number of factors that are not reflected in the table below such as interest rates, the volatility of the basket underliers and the underlier stocks and our creditworthiness. In addition, the estimated value of your notes at the time the terms of your notes are set on the trade date (as determined by reference to our pricing models) will be less than the original issue price of your notes. For more information on the estimated value of your notes, see "Additional Risk Factors Specific To Your Notes — Fair Value Considerations — The Issue Price You Pay for the Notes Will Exceed Their Estimated Initial Value" in this preliminary pricing supplement. The information in the table also reflects the key terms and assumptions in the box below.

Key Terms and Assumptions

Face amount	$1,000.00
Initial basket level	100
Upside participation rate	300.00%
Cap level	108.68% of the initial basket level (the midpoint of the range set forth herein)
Maximum settlement amount	$1,260.40 (the midpoint of the range set forth on the cover page of this preliminary pricing supplement)
Buffer level	90.00% of the initial basket level
Buffer rate	Approximately 111.11%
Buffer amount	10.00%

Neither a market disruption event nor a non-trading day occurs on the originally scheduled determination date.
No change in or affecting any of the underlier stocks or the method by which any of the underlier sponsors calculate the respective basket underliers.
Notes are purchased on original issue date at the face amount and held to the stated maturity date.

Moreover, we have not yet set the initial underlier level or the weighting multiplier for each basket underlier that will serve as the baseline for determining the basket return or the cap level or the maximum settlement amount, each of which will affect the amount that we will pay on your notes, if any, at maturity. We will not do so until the trade date. As a result, the actual initial underlier levels for the basket underliers may differ substantially from their respective underlier levels prior to the trade date.

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For these reasons, the actual performance of the basket underliers over the life of your notes, as well as the amount payable at maturity, if any, may bear little relation to the hypothetical examples shown below or to the hypothetical historical basket closing levels and historical levels of the basket underliers shown below under "The Basket and Basket Underliers — Hypothetical Historical Basket Level" and "The Basket and Basket Underliers — Historical High, Low and Closing Levels of the Basket Underlier" in this preliminary pricing supplement. Before investing in the offered notes, you should consult publicly available information to determine the levels of the underlier between the date of this preliminary pricing supplement and the date of your purchase of the offered notes.

Also, the hypothetical examples shown below do not take into account the effects of applicable taxes. Because of the U.S. tax treatment applicable to your notes, tax liabilities could affect the after-tax rate of return on your notes to a comparatively greater extent than the after-tax return on the underlier stocks.

Any rate of return you may earn on an investment in the notes may be lower than that which you could earn on a comparable investment in the underlier stocks. Among other things, the return on the notes will not reflect any dividends that may be paid on the underlier stocks.

The levels in the left column of the table below represent hypothetical final basket levels and are expressed as percentages of the initial basket level. The amounts in the right column represent the hypothetical cash settlement amounts, based on the corresponding hypothetical final basket level (expressed as a percentage of the initial basket level), and are expressed as percentages of the face amount of a note (rounded to the nearest one-thousandth of a percent). Thus, a hypothetical cash settlement amount of 100.000% means that the value of the cash payment that we would deliver for each $1,000.00 of the outstanding face amount of the offered notes on the stated maturity date would equal 100.000% of the face amount of a note, based on the corresponding hypothetical final basket level (expressed as a percentage of the initial basket level) and the assumptions noted above.

Hypothetical Final Basket Level (as Percentage of Initial Basket Level)	**Hypothetical Cash Settlement Amount (as Percentage of Face Amount)**
150.000%	126.040%
140.000%	126.040%
130.000%	126.040%
120.000%	126.040%
115.000%	126.040%
110.000%	126.040%
108.680%	**126.040%**
105.000%	115.000%
100.000%	**100.000%**
95.000%	100.000%
90.000%	**100.000%**
80.000%	88.889%
70.000%	77.778%
60.000%	66.667%
50.000%	55.556%
25.000%	27.778%
0.000%	**0.000%**

If, for example, the final basket level were determined to be 25.000% of the initial basket level, the cash settlement amount that we would deliver on your notes at maturity would be approximately 27.778% of the face amount of your notes, as shown in the table above. As a result, if you purchased your notes on the original issue date at the face amount and held them to the stated maturity date, you would lose approximately 72.222% of your investment (if you purchased your notes at a premium to face amount you would lose a correspondingly higher percentage of your investment). In addition, if the final basket level were determined to be 150.000% of the initial basket level, the cash settlement amount that we would deliver on your notes at maturity would be capped at the maximum settlement amount (expressed as a percentage of the face amount), or 126.040% of each $1,000.00 face amount of your notes, as shown in the table above. As a result, if you held your notes to the stated maturity date, you would not benefit from any increase in the final basket level over 108.680% of the initial basket level.

The following chart also shows a graphical illustration of the hypothetical cash settlement amounts (expressed as a percentage of the face amount of your notes) that we would pay on your notes on the stated maturity date, if the final basket level (expressed as a percentage of the initial basket level) were any of the hypothetical levels shown on the horizontal axis. The chart shows that any hypothetical final basket level (expressed as a percentage of the initial basket level) of less than 90.000% (the section left of the 90.000% marker on the horizontal axis) would result in a hypothetical cash settlement amount of less than 100.000% of the face amount of your notes (the section below the 100.000% marker on the vertical axis) and, accordingly, in a loss of principal to the holder of the notes. The chart also shows that any hypothetical final basket level (expressed as a percentage of the initial basket level) of greater than or equal to 108.680% (the section right of the 108.680% marker on the horizontal axis) would result in a capped return on your investment.

The cash settlement amounts shown above are entirely hypothetical; they are based on levels of the basket that may not be achieved on the determination date and on assumptions that may prove to be erroneous. The actual market value of your notes on the stated maturity date or at any other time, including any time you may wish to sell your notes, may bear little relation to the hypothetical cash settlement amounts shown above, and these amounts should not be viewed as an indication of the financial return on an investment in the offered notes. The hypothetical cash settlement amounts on notes held to the stated maturity date in the examples above assume you purchased your notes at their face amount and have not been adjusted to reflect the actual issue price you pay for your notes. The return on

your investment (whether positive or negative) in your notes will be affected by the amount you pay for your notes. If you purchase your notes for a price other than the face amount, the return on your investment will differ from, and may be significantly lower than, the hypothetical returns suggested by the above examples. Please read "Additional Risk Factors Specific To Your Notes – Market Risk" and "Additional Risk Factors Specific To Your Notes – If You Purchase Your Notes at a Premium to Face Amount, the Return on Your Investment Will Be Lower Than the Return on Notes Purchased at Face Amount and the Impact of Certain Key Terms of the Notes Will be Negatively Affected" on pages 17 and 19 of this preliminary pricing supplement.

The following examples illustrate the hypothetical cash settlement amount on each $1,000 face amount note based on hypothetical initial underlier levels of the basket underliers and hypothetical final underlier levels of the basket underliers calculated based on the key terms and assumptions above. The levels in Column A represent the hypothetical initial underlier levels for each basket underlier, and the levels in Column B represent hypothetical final underlier levels for each basket underlier. The percentages in Column C represent the appreciation or depreciation of the hypothetical final underlier levels as compared to the respective hypothetical initial underlier levels. The amounts in Column D represent the hypothetical weighting multiplier for each basket underlier, and the amounts in Column E represent the *products* of Column B *times* the corresponding amounts in Column D. The final basket level for each example is shown beneath each example, and will equal the *sum* of the five products shown in Column E. The basket return for each example is shown beneath the final basket level for such example, and will equal the *quotient* of (i) the final basket level for such example *minus* the initial basket level *divided* by (ii) the initial basket level, expressed as a percentage. The values below have been rounded for ease of analysis.

The hypothetical initial underlier level for each basket underlier of 100.00 has been chosen for illustrative purposes only and does not represent a likely initial underlier level for that basket underlier. Because each hypothetical initial underlier level has been set to 100.00, these examples do not accurately reflect the differences in the levels of the basket underliers. For historical data regarding the actual historical levels of the basket underliers, please see the historical information set forth below under "The Basket and the Basket Underliers".

Example 1: The final basket level is greater than the initial basket level and less than the cap level. The cash settlement amount exceeds the $1,000 face amount.

Basket Underlier	Column A Hypothetical Initial Underlier Level	Column B Hypothetical Final Underlier Level	Column C Appreciation / Depreciation	Column D Hypothetical Weighting Multiplier	Column E Column B × Column D
EURO STOXX 50® Index	100.00	105.00	5%	0.360000000	37.80
TOPIX® Index	100.00	105.00	5%	0.270000000	28.35
FTSE® 100 Index	100.00	105.00	5%	0.200000000	21.00
Swiss Market Index (SMI)®	100.00	105.00	5%	0.090000000	9.45
S&P/ASX 200 Index	100.00	105.00	5%	0.080000000	8.40
				Final Basket Level:	105.00
				Basket Return:	5.00%

In this example, all of the hypothetical final underlier levels for the basket underliers are greater than the applicable hypothetical initial underlier levels, which results in the hypothetical final basket level being greater than the initial basket level of 100.00. Because the hypothetical final basket level of 105.00 exceeds the initial basket level and is less than the cap level, the hypothetical cash settlement amount will equal:

Cash settlement amount = $1,000 + ($1,000 × 300.00% × 5.00%) = $1,150.00

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Example 2: The final basket level is greater than the initial basket level and greater than or equal to the cap level. The cash settlement amount equals the maximum settlement amount.

Basket Underlier	Column A Hypothetical Initial Underlier Level	Column B Hypothetical Final Underlier Level	Column C Appreciation / Depreciation	Column D Hypothetical Weighting Multiplier	Column E Column B × Column D
EURO STOXX 50® Index	100.00	160.00	60%	0.360000000	57.60
TOPIX® Index	100.00	160.00	60%	0.270000000	43.20
FTSE® 100 Index	100.00	160.00	60%	0.200000000	32.00
Swiss Market Index (SMI)®	100.00	160.00	60%	0.090000000	14.40
S&P/ASX 200 Index	100.00	160.00	60%	0.080000000	12.80
				Final Basket Level:	160.00
				Basket Return:	60.00%

In this example, all of the hypothetical final underlier levels for the basket underliers are greater than the applicable hypothetical initial underlier levels, which results in the hypothetical final basket level being greater than the initial basket level of 100.00. Because the hypothetical final basket level of 160.00 exceeds the initial basket level and is greater than the cap level, the hypothetical cash settlement amount will be capped at the maximum settlement amount of $1,260.40 for each $1,000 face amount of your notes.

Example 3: The final basket level is less than the initial basket level, but greater than the buffer level. The cash settlement amount equals the $1,000 face amount.

Basket Underlier	Column A Hypothetical Initial Underlier Level	Column B Hypothetical Final Underlier Level	Column C Appreciation / Depreciation	Column D Hypothetical Weighting Multiplier	Column E Column B × Column D
EURO STOXX 50® Index	100.00	95.00	-5%	0.360000000	34.20
TOPIX® Index	100.00	95.00	-5%	0.270000000	25.65
FTSE® 100 Index	100.00	95.00	-5%	0.200000000	19.00
Swiss Market Index (SMI)®	100.00	95.00	-5%	0.090000000	8.55
S&P/ASX 200 Index	100.00	95.00	-5%	0.080000000	7.60
				Final Basket Level:	95.00
				Basket Return:	-5.00%

In this example, all of the hypothetical final underlier levels for the basket underliers are less than the applicable hypothetical initial underlier levels, which results in the hypothetical final basket level being less than the initial basket level of 100.00. Since the hypothetical final basket level of 95.00 is greater than the buffer level of 90.00% of the initial basket level but less than the initial basket level of 100, the hypothetical cash settlement amount for each $1,000 face amount of your notes will equal the face amount of the note, or $1,000.

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Example 4: The final basket level is less than the initial basket level and less than the buffer level. The cash settlement amount is less than the $1,000 face amount.

Basket Underlier	Column A Hypothetical Initial Underlier Level	Column B Hypothetical Final Underlier Level	Column C Appreciation / Depreciation	Column D Hypothetical Weighting Multiplier	Column E Column B × Column D
EURO STOXX 50® Index	100.00	40.00	-60%	0.360000000	14.40
TOPIX® Index	100.00	100.00	0%	0.270000000	27.00
FTSE® 100 Index	100.00	100.00	0%	0.200000000	20.00
Swiss Market Index (SMI)®	100.00	103.00	3%	0.090000000	9.27
S&P/ASX 200 Index	100.00	102.00	2%	0.080000000	8.16
				Final Basket Level:	78.83
				Basket Return:	-21.17%

In this example, the hypothetical final underlier level of the EURO STOXX 50® Index is less than its hypothetical initial underlier level, while the hypothetical final underlier levels of the TOPIX® Index and FTSE® 100 Index are equal to their applicable hypothetical initial underlier levels and the hypothetical final underlier levels of the Swiss Market Index (SMI)® and S&P/ASX 200 Index are greater than their applicable hypothetical initial underlier levels.

Because the basket is unequally weighted, increases in the lower weighted basket underliers will be offset by decreases in the more heavily weighted basket underliers. In this example, the large decline in the EURO STOXX 50® Index results in the hypothetical final basket level being less than the initial basket level, even though the TOPIX® Index and FTSE® 100 Index remained flat and the Swiss Market Index (SMI)® and the S&P/ASX 200 Index increased.

Because the hypothetical final basket level of 78.83 is less than the initial basket level and is less than the buffer level, the hypothetical cash settlement amount will equal:

Cash settlement amount = $1,000 + [$1,000 × 111.11% × (-21.17% + 10.00%)] = $875.89

Example 5: The final basket level is less than the initial basket level and is less than the buffer level. The cash settlement amount is less than the $1,000 face amount.

Basket Underlier	Column A Hypothetical Initial Underlier Level	Column B Hypothetical Final Underlier Level	Column C Appreciation / Depreciation	Column D Hypothetical Weighting Multiplier	Column E Column B × Column D
EURO STOXX 50® Index	100.00	65.00	-35%	0.360000000	23.40
TOPIX® Index	100.00	70.00	-30%	0.270000000	18.90
FTSE® 100 Index	100.00	80.00	-20%	0.200000000	16.00
Swiss Market Index (SMI)®	100.00	60.00	-40%	0.090000000	5.40
S&P/ASX 200 Index	100.00	70.00	-30%	0.080000000	5.60
				Final Basket Level:	69.30
				Basket Return:	-30.70%

In this example, the hypothetical final underlier levels for all of the basket underliers are less than the applicable hypothetical initial underlier levels, which results in the hypothetical final basket level being less than the initial basket level of 100.00. Since the hypothetical final basket level of 69.30 is less than the initial basket level and is less than the buffer level, the hypothetical cash settlement amount for each $1,000 face amount of your notes will equal:

Cash settlement amount = $1,000 + [$1,000 × 111.11% × (-30.70% + 10.00%)] = $770.00

We cannot predict the actual final basket level, the level of any particular basket underlier or what the market value of your notes will be on any particular trading day, nor can we predict the relationship between the basket level and the market value of your notes at any time prior to the stated maturity date. The actual amount that you will receive, if any, at maturity and the rate of return on the offered notes will depend on the actual initial underlier level and weighting multiplier for each basket underlier, the cap level and the maximum settlement amount, which we will set on the trade date, the actual final basket level determined by the calculation agent as described above and the price you pay for your notes. Moreover, the assumptions on which the hypothetical returns are based may turn out to be inaccurate. Consequently, the amount of cash to be paid in respect of your notes, if any, on the stated maturity date may be very different from the information reflected in the table and chart above.

ADDITIONAL RISK FACTORS SPECIFIC TO YOUR NOTES

An investment in your notes is subject to the risks described below, as well as the risks described under "Considerations Relating to Indexed Securities" in the accompanying prospectus, dated October 31, 2018, and "Risk Factors" in the accompanying product supplement, dated November 1, 2018. You should carefully review these risks as well as the terms of the notes described herein and in the accompanying prospectus, dated October 31, 2018, as supplemented by the accompanying index supplement, dated October 31, 2018 and the accompanying product supplement, dated November 1, 2018, of UBS. Your notes are a riskier investment than ordinary debt securities. Also, your notes are not equivalent to investing directly in the underlier stocks, i.e., the stocks comprising the basket underliers to which your notes are linked. You should carefully consider whether the offered notes are suited to your particular circumstances.

You May Lose Your Entire Investment In The Notes

You can lose your entire investment in the notes. The cash payment on your notes, if any, on the stated maturity date will be based on the performance of the basket as measured from the initial basket level set on the trade date to the final basket level on the determination date. If the final basket level is *less than* the buffer level, you will have a loss for each $1,000 of the face amount of your notes equal to the *product* of (a) the buffer rate *times* (b) the *sum* of the basket return *plus* the buffer amount *times* (c) $1,000. Thus, you may lose your entire investment in the notes, which would include any premium to face amount you paid when you purchased the notes. Specifically, you will lose approximately 1.1111% of the face amount of each of your notes for every 1% negative basket return below the buffer level.

Also, the market price of your notes prior to the stated maturity date may be significantly lower than the purchase price you pay for your notes. Consequently, if you sell your notes before the stated maturity date, you may receive far less than the amount of your investment in the notes.

The Upside Participation Rate Applies Only At Maturity

You should be willing to hold your notes to maturity. If you are able to sell your notes prior to maturity in the secondary market, the price you receive will likely not reflect the full economic value of the upside participation rate of the notes and the return you realize may be less than the basket return multiplied by the upside participation rate, even if such return is positive. You can receive the full benefit of any positive basket return multiplied by the upside participation rate subject to the maximum settlement amount only if you hold your notes to maturity.

The Potential for the Value of Your Notes to Increase Will Be Limited

Your ability to participate in any change in the value of the basket over the life of your notes and the positive effects of the upside participation rate on any positive basket return will be limited because of the cap level, which will be set on the trade date. The maximum settlement amount will limit the cash settlement amount you may receive for each of your notes at maturity, no matter how much the level of the basket may rise beyond the cap level over the life of your notes. Accordingly, the amount payable for each of your notes may be significantly less than it would have been had you invested directly in the basket underliers.

Your Notes Will Not Bear Interest

You will not receive any interest payments on your notes. As a result, even if the cash settlement amount payable for your notes on the stated maturity date exceeds the face amount of your notes, the overall return you earn on your notes may be less than you would have earned by investing in a conventional debt security of comparable maturity that bears interest at a prevailing market rate.

The Notes Are Subject to the Credit Risk of the Issuer

The notes are unsubordinated, unsecured debt obligations of the issuer, UBS, and are not, either directly or indirectly, an obligation of any third party. Any payment to be made on the notes, including any repayment of principal, depends on the ability of UBS to satisfy its obligations as they come due. As a result, the actual and perceived creditworthiness of UBS may affect the market value of the notes and, in the event UBS were to default on its obligations, you may not receive any amounts owed to you under the terms of the notes and you could lose your entire initial investment.

A Decrease in the Level of One Basket Underlier May Offset Increases in the Other Basket Underliers on the Determination Date

The cash settlement amount is based on the returns of the basket underliers; thus, declines in the level of one basket underlier may offset changes in the levels of the other basket underliers that are positive. As a result, the basket return could be negative even if relatively few of the basket underliers experience a decrease in their closing levels. As a result, you could lose a portion of your investment in the notes and may lose your entire investment depending on the performance of the basket**.** In addition, because the basket underliers are not equally weighted, increases in lower weighted basket underliers may be offset by even small decreases in more heavily weighted basket underliers.

Market Risk

The return on the notes is directly linked to the performance of the basket and indirectly linked to the value of the basket underliers (and the underlier stocks), and the extent to which the basket return is positive or negative. The level of the basket can rise or fall sharply due to factors specific to the basket underliers (and the underlier stocks), as well as general market factors, such as general market volatility and levels, interest rates and economic and political conditions. You may lose some or all of your initial investment.

Fair Value Considerations

The Issue Price You Pay for the Notes Will Exceed Their Estimated Initial Value

The issue price you pay for the notes will exceed their estimated initial value as of the trade date due to the inclusion in the issue price of the underwriting discount, hedging costs, issuance costs and projected profits. As of the close of the relevant markets on the trade date, we will determine the estimated initial value of the notes by reference to our internal pricing models and it will be set forth in the final pricing supplement. The pricing models used to determine the estimated initial value of the notes incorporate certain variables, including the level of the basket and basket underliers, the volatility of the basket and basket underliers, the correlation among the basket underliers, any expected dividends on the underlier stocks, prevailing interest rates, the term of the notes and our internal funding rate. Our internal funding rate is typically lower than the rate we would pay to issue conventional fixed or floating rate debt securities of a similar term. The underwriting discount, hedging costs, issuance costs, projected profits and the difference in rates will reduce the economic value of the notes to you. Due to these factors, the estimated initial value of the notes as of the trade date will be less than the issue price you pay for the notes.

The Estimated Initial Value Is a Theoretical Price; the Actual Price that You May Be Able to Sell Your Notes in Any Secondary Market (if Any) at Any Time After the Trade Date May Differ From the Estimated Initial Value

The value of your notes at any time will vary based on many factors, including the factors described above and in "—Market Risk" above and is impossible to predict. Furthermore, the pricing models that we use are proprietary and rely in part on certain assumptions about future events, which may prove to be incorrect. As a result, after the trade date, if

you attempt to sell the notes in the secondary market, the actual value you would receive may differ, perhaps materially, from the estimated initial value of the notes determined by reference to our internal pricing models. The estimated initial value of the notes does not represent a minimum or maximum price at which we or any of our affiliates would be willing to purchase your notes in any secondary market at any time.

Our Actual Profits May Be Greater or Less than the Differential Between the Estimated Initial Value and the Issue Price of the Notes as of the Trade Date

We may determine the economic terms of the notes, as well as hedge our obligations, at least in part, prior to the trade date. In addition, there may be ongoing costs to us to maintain and/or adjust any hedges and such hedges are often imperfect. Therefore, our actual profits (or potentially, losses) in issuing the notes cannot be determined as of the trade date and any such differential between the estimated initial value and the issue price of the notes as of the trade date does not reflect our actual profits. Ultimately, our actual profits will be known only at the maturity of the notes.

Limited or No Secondary Market and Secondary Market Price Considerations

There May Be Little or No Secondary Market for the Notes

The notes will not be listed or displayed on any securities exchange or any electronic communications network. There can be no assurance that a secondary market for the notes will develop. UBS Securities LLC and its affiliates may make a market in the notes, although they are not required to do so and may stop making a market at any time. If you are able to sell your notes prior to maturity, you may have to sell them at a substantial loss. The estimated initial value of the notes does not represent a minimum or maximum price at which we or any of our affiliates would be willing to purchase your notes in any secondary market at any time.

The Price at which UBS Securities LLC and Its Affiliates May Offer to Buy the Notes in the Secondary Market (if Any) May Be Greater than UBS' Valuation of the Notes at that Time, Greater than Any Other Secondary Market Prices Provided by Unaffiliated Dealers (if Any) and, Depending on Your Broker, Greater than the Valuation Provided on Your Customer Account Statements

For a limited period of time following the issuance of the notes, UBS Securities LLC or its affiliates may offer to buy or sell such notes at a price that exceeds (i) our valuation of the notes at that time based on our internal pricing models, (ii) any secondary market prices provided by unaffiliated dealers (if any) and (iii) depending on your broker, the valuation provided on customer account statements. The price that UBS Securities LLC may initially offer to buy such notes following issuance will exceed the valuations indicated by our internal pricing models due to the inclusion for a limited period of time of the aggregate value of the underwriting discount, hedging costs, issuance costs and theoretical projected trading profit. The portion of such amounts included in our price will decline to zero on a straight line basis over a period ending no later than the date specified under "Supplemental plan of distribution (conflicts of interest); secondary markets (if any)" herein. Thereafter, if UBS Securities LLC or an affiliate makes secondary markets in the notes, it will do so at prices that reflect our estimated value determined by reference to our internal pricing models at that time. The temporary positive differential relative to our internal pricing models arises from requests from and arrangements made by UBS Securities LLC with the selling agents of structured debt securities such as the notes. As described above, UBS Securities LLC and its affiliates are not required to make a market for the notes and may stop making a market at any time. The price at which UBS Securities LLC or an affiliate may make secondary markets at any time (if at all) will also reflect its then current bid-ask spread for similar sized trades of structured debt securities. UBS Securities LLC reflects this temporary positive differential on its customer statements. Investors should inquire as to the valuation provided on customer account statements provided by unaffiliated dealers.

Price of Notes Prior to Maturity

The market price of the notes will be influenced by many unpredictable and interrelated factors, including the level of the basket and basket underliers; the volatility of the basket and basket underliers; the correlation among the basket underliers; the dividend rate paid on the underlier stocks; the time remaining to the maturity of the notes; interest rates in the markets; geopolitical conditions and economic, financial, political, force majeure and regulatory or judicial

events; the creditworthiness of UBS and the then current bid-ask spread for the notes.

Impact of Fees and the Use of Internal Funding Rates Rather than Secondary Market Credit Spreads on Secondary Market Prices

All other things being equal, the use of the internal funding rates described above under "—Fair Value Considerations" as well as the inclusion in the original issue price of the underwriting discount, hedging costs, issuance costs and any projected profits are, subject to the temporary mitigating effect of UBS Securities LLC's and its affiliates' market making premium, expected to reduce the price at which you may be able to sell the notes in any secondary market.

The Amount Payable on Your Notes Is Not Linked to the Level of Any Basket Underlier at Any Time Other than the Determination Date

The final basket level will be based on the basket closing level on the determination date (and therefore will be based on the closing levels of the basket underliers on the determination date), except in the limited circumstances described under "General Terms of the Notes – Consequences of a Market Disruption Event or a Non-Trading Day" and "—Discontinuance of or Adjustments to the Index or an Index Basket Underlier; Alteration of Method of Calculation" in the accompanying product supplement. Therefore, if the closing level of one or more of the basket underliers dropped precipitously on the determination date, the cash settlement amount for your notes may be significantly less than it would have been had the cash settlement amount been linked to the closing levels of the basket underliers prior to such drop in the levels of the basket underliers. Although the actual levels of the basket underliers on the stated maturity date or at other times during the life of your notes may be higher than the final underlier levels, you will not benefit from the closing levels of the basket underliers at any time other than on the determination date.

You Have No Shareholder Rights or Rights to Receive Any Underlier Stock

Investing in your notes will not make you a holder of any of the underlier stocks. Neither you nor any other holder or owner of your notes will have any voting rights, any right to receive dividends or other distributions, any rights to make a claim against the underlier stocks or any other rights with respect to the underlier stocks. Your notes will be paid in cash and you will have no right to receive delivery of any underlier stocks.

We May Sell an Additional Aggregate Face Amount of the Notes at a Different Issue Price

At our sole option, we may decide to sell an additional aggregate face amount of the notes subsequent to the date of the final pricing supplement. The issue price, underwriting discount and net proceeds of the notes in the subsequent sale may differ substantially (higher or lower) from the original issue price you paid as provided on the cover of the final pricing supplement. The return (whether positive or negative) on your investment in the notes will depend in part on the issue price you pay for such notes.

If You Purchase Your Notes at a Premium to Face Amount, the Return on Your Investment Will Be Lower Than the Return on Notes Purchased at Face Amount and the Impact of Certain Key Terms of the Notes Will be Negatively Affected

The cash settlement amount will not be adjusted based on the original issue price you pay for the notes. If you purchase notes at a price that differs from the face amount of the notes, then the return on your investment in such notes held to the stated maturity date will differ from, and may be substantially less than, the return on notes purchased at face amount. If you purchase your notes at a premium to face amount and hold them to the stated maturity date, the return on your investment in the notes will be lower than it would have been had you purchased the notes at face amount or a discount to face amount.

In addition, the impact of the buffer level on the return on your investment, and the extent to which the buffer level will diminish your exposure to any negative basket return will depend upon the price you pay for your notes relative to face amount. For example, if you purchase your notes at a premium to face amount, the buffer level, while still providing some protection against exposure to any negative basket return, will allow a greater percentage decrease in your investment in the notes than would have been the case for notes purchased at face amount or a discount to face amount.

Lastly, the impact of the cap level on the return on your investment, and the extent to which the cap level will diminish your exposure to any positive basket return (as leveraged by the upside participation rate), will also depend on the price you pay for your notes relative to face amount. For example, if you purchase your notes at a premium to face amount, the cap level will only permit a lower percentage increase in your investment in the notes than would have been the case for notes purchased at face amount or a discount to face amount.

The Market Value of Your Notes May Be Influenced by Many Unpredictable Factors

When we refer to the market value of your notes, we mean the value that you could receive for your notes if you chose to sell them in the open market before the stated maturity date. A number of factors, many of which are beyond our control, will influence the market value of your notes, including:

- the volatility – i.e., the frequency and magnitude of changes – in the level of the basket and the basket underliers;
- the dividend rates of the underlier stocks;
- economic, financial, legislative, regulatory and political, military or other events that may affect the prices of any of the underlier stocks and thus the level of the basket;
- other interest rate and yield rates in the market;
- fluctuations in the exchange rate between currencies in which the relevant ordinary shares are quoted and traded and the U.S. dollar; and
- our creditworthiness, whether actual or perceived, and including actual or anticipated upgrades or downgrades in our credit ratings or changes in other credit measures.

These factors will influence the price you will receive if you sell your notes before maturity, including the price you may receive for your notes in any market-making transaction. If you sell your notes prior to maturity, you may receive less than the face amount of your notes.

You cannot predict the future levels of the basket based on its hypothetical historical performance. The actual change in the value in the basket over the life of the notes, as well as the amount payable on the stated maturity date, may bear little or no relation to the hypothetical historical basket closing levels or to the hypothetical examples shown elsewhere in this preliminary pricing supplement.

If the Level of the Basket Changes, the Market Value of Your Notes May Not Change in the Same Manner

Your notes may trade quite differently from the performance of the basket. Changes in the level of the basket may not result in a comparable change in the market value of your notes. This is because your cash settlement amount at maturity will be based on the final basket level and subject to the maximum settlement amount. If the basket return is negative and the final basket level is less than the buffer level, you could lose all or a substantial portion of your investment in the notes. We discuss some of the reasons for this disparity under "— The Market Value of Your Notes May Be Influenced by Many Unpredictable Factors" above.

The Basket Underliers Reflect Price Return, Not Total Return

The return on your notes is based on the performance of the basket, which reflects the changes in the market levels of the basket underliers, and the prices of their underlier stocks. It is not, however, linked to a "total return" index or strategy, which, in addition to reflecting those price returns, would also reflect dividends paid on the underlier stocks. The return on your notes will not include such a total return feature or dividend component.

The Notes are Considered "Hold To Maturity" Products

Generally, there is no liquid market for the notes.

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Changes That Affect Any Basket Underlier Could Have An Adverse Effect On the Value of The Notes and the Amount You Will Receive at Maturity of Your Notes

The policies of an underlier sponsor, each as defined under "The Basket and the Basket Underliers" below, concerning a basket underlier, additions, deletions or substitutions of the underlier stocks and the manner in which changes affecting the underlier stocks or the issuers of any underlier stocks (such as stock dividends, reorganizations or mergers) are reflected in any basket underlier, could affect the level of that basket underlier, and, therefore, could affect the amount payable on your notes at maturity and the market value of your notes prior to maturity. The amount payable on the notes and their market value could also be affected if an underlier sponsor changes these policies, for example by changing the manner in which it calculates a basket underlier, or if an underlier sponsor discontinues or suspends calculation or publication of a basket underlier, in which case it may become difficult to determine the market value of the notes. If events such as these occur, or if any final underlier level (and therefore the final basket level) is not available because of a market disruption event, non-trading day or for any other reason, and no successor basket underlier is selected, the calculation agent—which initially will be UBS Securities LLC, an affiliate of UBS—may determine the final underlier level (and therefore the final basket level)—and thus the amount payable at maturity—in a manner it considers appropriate.

Your Notes Are Subject to Non-U.S. Securities Market Risk

Each of the basket underliers is subject to risks associated with non-U.S. securities markets, specifically the regions of the Eurozone, United Kingdom, Japan, Switzerland and Australia. An investment in notes linked directly or indirectly to the value of securities issued by non-U.S. companies involves particular risks.

Generally, non-U.S. securities and futures markets may be more volatile than U.S. securities and futures markets, and market developments may affect non-U.S. markets differently from U.S. securities and futures markets. Direct or indirect government intervention to stabilize these non-U.S. markets, as well as cross shareholdings in non-U.S. companies, may affect trading prices and volumes in those markets. There is generally less publicly available information about non-U.S. companies than about those U.S. companies that are subject to the reporting requirements of the SEC, and non-U.S. companies are subject to accounting, auditing and financial reporting standards and requirements that differ from those applicable to U.S. reporting companies. Similarly, regulations of the Commodity Futures Trading Commission generally do not apply to trading on non-U.S. exchanges, and trading on non-U.S. exchanges may involve different and greater risks than trading on U.S. exchanges.

Securities and futures prices in non-U.S. countries are subject to political, economic, financial and social factors that may be unique to the particular country. These factors, which could negatively affect the non-U.S. securities and futures markets, include the possibility of recent or future changes in the non-U.S. government's economic and fiscal policies, the possible imposition of, or changes in, currency exchange laws or other non-U.S. laws or restrictions applicable to non-U.S. companies or investments in non-U.S. securities or futures contracts and the possibility of fluctuations in the rate of exchange between currencies. The United Kingdom has voted to leave the European Union (popularly known as "Brexit"). The effect of Brexit is uncertain, and Brexit has and may continue to contribute to volatility in the prices of securities of companies located in Europe and currency exchange rates, including the valuation of the euro and British pound in particular. Moreover, certain aspects of a particular non-U.S. economy may differ favorably or unfavorably from the U.S. economy in important respects, such as growth of gross national product, rate of inflation, capital reinvestment, resources and self-sufficiency.

The Basket Return For the Notes Will Not Be Adjusted for Changes in Exchange Rates Related to the U.S. Dollar, Which Might Affect a Basket Underlier Whose Underlier Stocks Are Traded in Currencies Other Than the U.S. Dollar

Although the underlier stocks for the basket underliers are traded in currencies other than the U.S. dollar, the notes are denominated in U.S. dollars, and the calculation of the amount payable on the notes at maturity will not be adjusted for changes in the exchange rates between the U.S. dollar and any of the currencies in which such underlier stocks are denominated. Changes in exchange rates, however, may reflect changes in various non-U.S. economies that in turn may affect the levels of the basket underliers

(and therefore the basket closing level) or basket return, as applicable, and therefore, the amount payable on your notes. The amount we pay in respect of the notes on the stated maturity date will be determined solely in accordance with the procedures described in "General Terms of the Notes" beginning on page PS-45 in the accompanying product supplement.

UBS Cannot Control Actions By the Underlier Sponsors or, Except to the Extent Our Common Stock is Included in a Basket Underlier, Any Issuer of an Underlier Stock and None of the Underlier Sponsors or Any Other Issuer of an Underlier Stock Have Any Obligation To Consider Your Interests

UBS and its affiliates are not affiliated with any underlier sponsors and have no ability to control or predict their actions, including any errors in or discontinuation of public disclosure regarding methods or policies relating to the calculation of the basket underliers. In addition, except to the extent our common stock is included in the Swiss Market Index, UBS and its affiliates are not affiliated with any issuer of an underlier stock and have no ability to control or predict their actions or their public disclosure of information, whether contained in SEC filings or otherwise. None of the underlier sponsors or any other issuer of an underlier stock are involved in the notes offering in any way and none have any obligation to consider your interest as an owner of the notes in taking any actions that might affect the market value of your notes.

Potential Conflict of Interest

UBS and its affiliates may engage in business related to the basket underliers or underlier stocks, which may present a conflict between the obligations of UBS and you, as a holder of the notes. There are also potential conflicts of interest between you and the calculation agent, which will be an affiliate of UBS. The calculation agent will determine the basket return and the cash settlement amount based on the final underlier levels and final basket level. The calculation agent can postpone the determination of any final underlier level (and therefore the final basket level) if a market disruption event occurs and is continuing on the determination date. The calculation agent also has discretion in making certain adjustments relating to a modification of the basket. As UBS determines the economic terms of the notes, including the upside participation rate, cap level and the buffer level, and such terms include the underwriting discount, hedging costs, issuance costs and projected profits, the notes represent a package of economic terms. There are other potential conflicts of interest insofar as an investor could potentially get better economic terms if that investor entered into exchange-traded and/or OTC derivatives or other instruments with third parties, assuming that such instruments were available and the investor had the ability to assemble and enter into such instruments.

Furthermore, given that UBS Securities LLC and its affiliates temporarily maintain a market making premium, it may have the effect of discouraging UBS Securities LLC and its affiliates from recommending the sale of your notes in the secondary market. UBS or its affiliates may earn additional profits (or potentially incur losses) as a result of payments pursuant to such hedging activities. In performing these duties, the economic interests of UBS, UBS Securities LLC, the dealers or their respective affiliates are potentially adverse to your interests as an investor in the notes. Additionally, hedging activities may adversely affect the market value of your notes and the amount we will pay on your notes.

Potentially Inconsistent Research, Opinions or Recommendations By UBS

UBS and its affiliates publish research from time to time on financial markets and other matters that may influence the value of the notes, or express opinions or provide recommendations that are inconsistent with purchasing or holding the notes. Any research, opinions or recommendations expressed by UBS or its affiliates may not be consistent with each other and may be modified from time to time without notice. Investors should make their own independent investigation of the merits of investing in the notes and the underlier to which the notes are linked.

The Notes Are Not Bank Deposits

An investment in the notes carries risks which are very different from the risk profile of a bank deposit placed with UBS or its affiliates. The notes have different yield and/or return, liquidity and risk profiles and would not benefit from any protection provided to deposits.

If UBS Experiences Financial Difficulties, FINMA Has the Power to Open Restructuring or Liquidation Proceedings in Respect of, and/or Impose Protective Measures in Relation to, UBS, Which Proceedings or Measures May Have a Material Adverse Effect on the Terms and Market Value of the Notes and/or the Ability of UBS to Make Payments Thereunder

The Swiss Financial Market Supervisory Authority ("FINMA") has broad statutory powers to take measures and actions in relation to UBS if (i) it concludes that there is justified concern that UBS is over-indebted or has serious liquidity problems or (ii) UBS fails to fulfil the applicable capital adequacy requirements (whether on a standalone or consolidated basis) after expiry of a deadline set by FINMA. If one of these pre-requisites is met, FINMA is authorized to open restructuring proceedings or liquidation (bankruptcy) proceedings in respect of, and/or impose protective measures in relation to, UBS. The Swiss Banking Act grants significant discretion to FINMA in connection with the aforementioned proceedings and measures. In particular, a broad variety of protective measures may be imposed by FINMA, including a bank moratorium or a maturity postponement, which measures may be ordered by FINMA either on a stand-alone basis or in connection with restructuring or liquidation proceedings. The resolution regime of the Swiss Banking Act is further detailed in the FINMA Banking Insolvency Ordinance ("BIO-FINMA"). In a restructuring proceeding, FINMA, as resolution authority, is competent to approve the resolution plan. The resolution plan may, among other things, provide for (a) the transfer of all or a portion of UBS' assets, debts, other liabilities and contracts (which may or may not include the contractual relationship between UBS and the holders of notes) to another entity, (b) a stay (for a maximum of two business days) on the termination of contracts to which UBS is a party, and/or the exercise of (w) rights to terminate, (x) netting rights, (y) rights to enforce or dispose of collateral or (z) rights to transfer claims, liabilities or collateral under contracts to which UBS is a party, (c) the conversion of UBS' debt and/or other obligations, including its obligations under the notes, into equity (a "debt-to-equity" swap), and/or (d) the partial or full write-off of obligations owed by UBS (a "write-off"), including its obligations under the notes. The BIO-FINMA provides that a debt-to-equity swap and/or a write-off of debt and other obligations (including the notes) may only take place after (i) all debt instruments issued by UBS qualifying as additional tier 1 capital or tier 2 capital have been converted into equity or written-off, as applicable, and (ii) the existing equity of UBS has been fully cancelled. While the BIO-FINMA does not expressly address the order in which a write-off of debt instruments other than debt instruments qualifying as additional tier 1 capital or tier 2 capital should occur, it states that debt-to-equity swaps should occur in the following order: first, all subordinated claims not qualifying as regulatory capital; second, all other claims not excluded by law from a debt-to-equity swap (other than deposits); and third, deposits (in excess of the amount privileged by law). However, given the broad discretion granted to FINMA as the resolution authority, any restructuring plan in respect of UBS could provide that the claims under or in connection with the notes will be partially or fully converted into equity or written-off, while preserving other obligations of UBS that rank pari passu with, or even junior to, UBS' obligations under the notes. Consequently, holders of notes may lose all of some of their investment in the notes. In the case of restructuring proceedings with respect to a systemically important Swiss bank (such as UBS), the creditors whose claims are affected by the restructuring plan will not have a right to vote on, reject, or seek the suspension of the restructuring plan. In addition, if a restructuring plan has been approved by FINMA, the rights of a creditor to seek judicial review of the restructuring plan (e.g., on the grounds that the plan would unduly prejudice the rights of holders of notes or otherwise be in violation of the Swiss Banking Act) are very limited. In particular, a court may not suspend the implementation of the restructuring plan. Furthermore, even if a creditor successfully challenges the restructuring plan, the court can only require the relevant creditor to be compensated ex post and there is currently no guidance as to on what basis such compensation would be calculated or how it would be funded.

Uncertain Tax Treatment

Significant aspects of the tax treatment of the notes are uncertain. There are no statutory provisions, regulations, published rulings, judicial decisions or administrative determinations addressing the characterization for U.S. federal income tax purposes of securities with terms that are substantially the same as the notes, and we do not plan to request a ruling from the IRS. Consequently, significant aspects of the tax treatment of the notes are uncertain, and the IRS or a court might not agree with the treatment of the notes as prepaid derivative contracts that are not debt. Accordingly, it is possible that your notes could alternatively be treated for tax purposes, and that the timing and character of the income or loss on your notes could be materially and adversely affected.

In 2007, the IRS released a notice that may affect the taxation of holders of the notes. According to Notice 2008-2, the IRS and the Treasury are actively considering whether the holder of an instrument similar to the notes should be required to accrue ordinary income on a current basis, and they are seeking taxpayer comments on the subject. It is not possible to determine what guidance they will ultimately issue, if any. It is possible, however, that under such guidance, holders of the notes will ultimately be required to accrue income currently and this could be applied on a retroactive basis. The IRS and the Treasury are also considering other relevant issues, including whether additional gain or loss from such instruments should be treated as ordinary or capital, whether non-U.S. holders of such instruments should be subject to withholding tax on any deemed income accruals, and whether the special "constructive ownership rules" of Section 1260 of the Code should be applied to such instruments. Holders are urged to consult their tax advisors concerning the significance, and the potential impact, of the above considerations. Except to the extent otherwise required by law, UBS intends to treat your notes for U.S. federal income tax purposes in accordance with the treatment described above under "Supplemental discussion of U.S. federal income tax consequences" and under "Material U.S. Federal Income Tax Consequences" in the accompanying product supplement, unless and until such time as the Treasury and the IRS determine that some other treatment is more appropriate.

Prospective purchasers of notes should consult their tax advisors as to the U.S. federal, state, local, non-U.S. and other tax consequences to them of the purchase, ownership and disposition of the notes. For more information, see "Material U.S. Federal Income Tax Consequences" in the accompanying product supplement.

THE BASKET AND THE BASKET UNDERLIERS

The basket consists of five basket underliers with the following weights: the EURO STOXX 50® Index (36.00% weighting), TOPIX® Index (27.00% weighting), FTSE® 100 Index (20.00% weighting), Swiss Market Index (SMI)® (9.00% weighting) and S&P/ASX 200 Index (8.00% weighting).

HYPOTHETICAL HISTORICAL BASKET LEVELS

Because the basket is a newly created basket and its level will begin to be calculated only on the trade date, there is no actual historical information about the basket closing levels as of the date of this preliminary pricing supplement. Therefore, the hypothetical basket closing levels of the basket below are calculated based on publicly available information for each basket underlier as reported by Bloomberg Professional® service ("Bloomberg"), without independent verification. UBS has not conducted any independent review or due diligence of publicly available information obtained from Bloomberg. The hypothetical basket closing levels have fluctuated in the past and may, in the future, experience significant fluctuations. Any hypothetical historical upward or downward trend in the basket closing level during any period shown below is not an indication that the basket is more or less likely to increase or decrease at any time during the life of your notes.

The following table sets forth the hypothetical quarterly basket closing levels for the basket. ***Past hypothetical performance of the basket is not indicative of the future performance of the basket, assuming the basket closing level was 100 on January 1, 2015.***

Quarter Begin	Quarter End	Hypothetical Quarterly Basket Closing Level
1/1/2015	3/31/2015	110.39
4/1/2015	6/30/2015	107.19
7/1/2015	9/30/2015	96.96
10/1/2015	12/31/2015	102.74
1/1/2016	3/31/2016	94.37
4/1/2016	6/30/2016	92.26
7/1/2016	9/30/2016	96.93
10/1/2016	12/31/2016	105.15
1/1/2017	3/31/2017	108.72
4/1/2017	6/30/2017	109.96
7/1/2017	9/30/2017	113.29
10/1/2017	12/31/2017	116.74
1/1/2018	3/31/2018	110.15
4/1/2018	6/30/2018	113.10
7/1/2018	9/30/2018	114.91
10/1/2018	12/31/2018	100.29
1/1/2019*	1/25/2019*	104.65

*As of the date of this preliminary pricing supplement, available information for the first calendar quarter of 2019 includes data for the period from January 1, 2019 through January 25, 2019. Accordingly, the "Hypothetical Quarterly Basket Closing Level" data indicated is for this shortened period only and does not reflect complete data for the first calendar quarter of 2019.

The graph below illustrates the hypothetical performance of the basket from January 1, 2015 through January 25, 2019, based on the daily closing levels of the basket underliers. ***Past hypothetical performance of the basket is not indicative of the future performance of the basket.***

EURO STOXX 50® Index

We have derived all information contained in this preliminary pricing supplement regarding the EURO STOXX 50® Index, including without limitation, its make-up, method of calculation and changes in its components from publicly available information. Such information reflects the policies of, and is subject to change by STOXX Limited. The information included below supplements the description of the EURO STOXX 50® Index found in the accompanying index supplement.

STOXX Limited has no obligation to continue to publish the EURO STOXX 50® Index, and may discontinue publication of the EURO STOXX 50® Index at any time. The EURO STOXX 50® Index is determined, comprised and calculated by STOXX Limited without regard to the notes.

The EURO STOXX 50® Index covers 50 stocks of market sector leaders mainly from 11 Eurozone countries: Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, Portugal and Spain. The EURO STOXX 50® Index captures a selection of the largest stocks among the 19 EURO STOXX regional Supersector indices. The largest stocks within those indices are added to the selection list until coverage is approximately 60% of the free float market capitalization of the corresponding EURO STOXX Total Market Index (the "EURO STOXX TMI") Supersector Index and from that selection list the 50 stocks are selected. The EURO STOXX 50® Index universe is defined as all components of the 19 EURO STOXX Regional Supersector indices. The EURO STOXX Supersector indices represent the Eurozone portion of the STOXX 600 Supersector indices, which contain the 600 largest stocks traded on the major exchanges of 18 European countries. Each component's weight is capped at 10% of the EURO STOXX 50® Index's total free-float market capitalization. Additional information regarding the EURO STOXX 50® Index may be obtained from the STOXX Limited website: stoxx.com. We are not incorporating by reference the website or any material it includes in this pricing supplement.

The top ten constituent stocks of the EURO STOXX 50® Index as of November 30, 2018, by weight, are: Total S.A. (5.75%), SAP SE (4.31%), Sanofi (3.97%), Siemens AG (3.82%), Allianz SE (3.52%), Linde plc (3.41%), Unilever N.V. (3.26%), Banco Santander S.A. (2.97%), LVMH Moët Hennessy Louis Vuitton SE (2.97%) and ASML Holding N.V. (2.82%); constituent weights may be found at stoxx.com/download/indices/factsheets/SX5GT.pdf under "Factsheets and Methodologies" and are updated periodically.

As of November 30, 2018, the top ten industry sectors which comprise the EURO STOXX 50® Index represent the following weights in the index: Banks (11.1%), Industrial Goods & Services (10.7%), Health Care (10.0%), Personal & Household Goods (10.0%), Technology (9.6%), Chemicals (8.0%), Oil & Gas (7.3%), Insurance (6.8%), Telecommunications (5.2%) and Food & Beverage (4.4%); industry weightings may be found at stoxx.com/download/indices/factsheets/SX5GT.pdf and are updated periodically. Percentages may not sum to 100% due to rounding. Sector designations are determined by the underlier sponsor using criteria it has selected or developed. Index sponsors may use very different standards for determining sector designations. In addition, many companies operate in a number of sectors, but are listed in only one sector and the basis on which that sector is selected may also differ. As a result, sector comparisons between indices with different index sponsors may reflect differences in methodology as well as actual differences in the sector composition of the indices.

As of November 30, 2018, the eight countries which comprise the EURO STOXX 50® Index represent the following weights in the index: France (38.3%), Germany (31.6%), Netherlands (10.5%), Spain (10.3%), Italy (4.7%), Belgium (2.5%), Finland (1.2%) and Ireland (0.9%); country weightings may be found at stoxx.com/download/indices/factsheets/SX5GT.pdf and are updated periodically.

Information from outside sources is not incorporated by reference in, and should not be considered part of, this preliminary pricing supplement, the accompanying product supplement, accompanying index supplement or any

accompanying prospectus. UBS has not conducted any independent review or due diligence of any publicly available information with respect to the EURO STOXX 50® Index.

Historical High, Low and Closing Levels of the Basket Underlier

The closing level of the basket underlier has fluctuated in the past and may, in the future, experience significant fluctuations. Any historical upward or downward trend in the level of the basket underlier during any period shown below is not an indication that the basket underlier is more or less likely to increase or decrease at any time during the life of your notes.

The following table sets forth the quarterly high and low closing levels for the basket underlier, based on the daily closing level as reported by Bloomberg, without independent verification. UBS has not conducted any independent review or due diligence of publicly available information obtained from Bloomberg. The closing level of the basket underlier on January 25, 2019 was 3,163.24. ***Past performance of the basket underlier is not indicative of the future performance of the basket underlier.***

Quarterly Closing High, Closing Low and Closing Levels of the Basket Underlier*

Quarter Begin	Quarter End	Quarterly Closing High	Quarterly Closing Low	Quarterly Close
1/1/2015	3/31/2015	3,731.35	3,007.91	3,697.38
4/1/2015	6/30/2015	3,828.78	3,424.30	3,424.30
7/1/2015	9/30/2015	3,686.58	3,019.34	3,100.67
10/1/2015	12/31/2015	3,506.45	3,069.05	3,267.52
1/1/2016	3/31/2016	3,178.01	2,680.35	3,004.93
4/1/2016	6/30/2016	3,151.69	2,697.44	2,864.74
7/1/2016	9/30/2016	3,091.66	2,761.37	3,002.24
10/1/2016	12/31/2016	3,290.52	2,954.53	3,290.52
1/1/2017	3/31/2017	3,500.93	3,230.68	3,500.93
4/1/2017	6/30/2017	3,658.79	3,409.78	3,441.88
7/1/2017	9/30/2017	3,594.85	3,388.22	3,594.85
10/1/2017	12/31/2017	3,697.40	3,503.96	3,503.96
1/1/2018	3/31/2018	3,672.29	3,278.72	3,361.50
4/1/2018	6/30/2018	3,592.18	3,340.35	3,395.60
7/1/2018	9/30/2018	3,527.18	3,293.36	3,399.20
10/1/2018	12/31/2018	3,414.16	2,937.36	3,001.42
1/1/2019*	1/25/2019*	3,163.24	2,954.66	3,163.24

*As of the date of this preliminary pricing supplement, available information for the first calendar quarter of 2019 includes data for the period from January 1, 2019 through January 25, 2019. Accordingly, the “Quarterly Closing High”, “Quarterly Closing Low” and “Quarterly Close” data indicated are for this shortened period only and do not reflect complete data for the first calendar quarter of 2019.

The graph below illustrates the performance of the basket underlier from January 1, 2009 through January 25, 2019, based on information from Bloomberg. ***Past performance of the basket underlier is not indicative of the future performance of the basket underlier.***

TOPIX® Index

We have derived all information contained in this preliminary pricing supplement regarding the TOPIX® Index contained herein, including, its make-up, method of calculation and changes in its components, from publicly available information. The TOPIX® Index, also known as the Tokyo Stock Price Index, is a free-float adjusted capitalization-weighted index of all the domestic common stocks listed on the First Section of the Tokyo Stock Exchange ("TSE"). Domestic stocks admitted to the TSE are assigned either to the TSE First Section Index, the TSE Second Section Index or the TSE Mothers Index. Stocks listed in the First Section, which number approximately 1,500, are among the most actively traded stocks on the TSE. The TOPIX® Index is supplemented by the sub-basket components of the 33 industry sectors and was developed with a base index value of 100 as of January 4, 1968. The TOPIX® Index is calculated and published by the TSE. Additional information about the TOPIX® Index is available on the following website: jpx.co.jp/english/markets/indices/topix/. We are not incorporating by reference the website or any material it includes in this preliminary pricing supplement.

Composition and Maintenance. The TOPIX® Index is composed of all domestic common stocks listed on the TSE First Section, excluding temporary issues and preferred stocks. Companies scheduled to be delisted or newly listed companies that are still in the waiting period are excluded from the TOPIX® Index. The TOPIX® Index does not review underlier stocks. The number of underlier stocks will change according to new listings and delistings.

Index Stock Weighting by Sector as of December 28, 2018

	Percentage (%)*
Air Transportation	0.64%
Banks	6.51%
Chemicals	7.50%
Construction	3.10%
Electric Appliances	12.68%
Electric Power and Gas	2.03%
Fishery, Agriculture and Forestry	0.12%
Foods	4.54%
Glass and Ceramics Products	0.89%
Information & Communication	7.50%
Insurance	2.35%
Iron and Steel	1.00%
Land Transportation	4.94%
Machinery	4.83%
Marine Transportation	0.17%
Metal Products	0.59%
Mining	0.29%
Nonferrous Metals	0.80%
Oil and Coal Products	0.71%
Other Financing Business	1.17%
Other Products	2.08%
Pharmaceutical	4.90%
Precision Instruments	1.90%
Pulp and Paper	0.28%
Real Estate	2.41%
Retail Trade	5.27%
Rubber Products	0.83%

Securities and Commodities Futures	0.88%
Services	4.80%
Textiles and Apparels	0.66%
Transportation Equipment	8.31%
Warehousing and Harbor Transportation Service	0.19%
Wholesale Trade	5.11%

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* Sector designations are determined by the TSE using criteria it has selected or developed. The TSE may use very different standards for determining sector designations. In addition, many companies operate in a number of sectors, but are listed in only one sector and the basis on which that sector is selected may also differ. As a result, sector comparisons between indices with different index sponsors may reflect differences in methodology as well as actual differences in the sector composition of the indices.

** Information provided by the TSE. Percentages may not sum to 100% due to rounding.

Index Calculation. The TOPIX® Index is a free-float adjusted market capitalization-weighted index, which reflects movements in the market capitalization from a base market value of 100 set on the base date of January 4, 1968. The TSE calculates the TOPIX® Index multiplying the base point of 100 by the figure obtained from dividing the current free float adjusted market value by the base market value. The resulting value is not expressed in Japanese yen but presented in terms of points rounded to the nearest one hundredth. The formula for calculating the TOPIX® Index value can be expressed:

$$\text{Index value} = \frac{\text{Base point of 100} \times \text{Current free float adjusted market value}}{\text{Base Market Value}}$$

The current free float adjusted market value is the sum of the products of the price and the number of free float adjusted shares for index calculation of each underlier stock.

The number of free float adjusted shares for index calculation is the number of listed shares multiplied by free-float weight. The number of listed shares for index calculation is determined by the TSE. The number of listed shares for index calculation normally coincides with that of listed shares. However, in the case of a stock split, the number of listed shares increases at the additional listing date which comes after such stock split becomes effective; on the other hand, the number of listed shares for index calculation increases at the ex-rights date.

Free-float weight is a weight of listed shares deemed to be available for trading in the market and is determined and calculated by the TSE for each listed company for index calculation. The free-float weight of one company may be different from that of any other company. Free-float weight is reviewed once a year in order to reflect the latest distribution of share ownership. The timing of the yearly free-float weight review is different according to the settlement terms of listed companies. In addition to the yearly review, extraordinary reviews are conducted in the following cases: allocation of new shares to a third party, strategic exercise of preferred shares or equity warrants, company spin-off, merger, stock-swap, take-over bid and other events that the TSE judges as appropriate reasons to review.

In the event of any increase or decrease in the current free-float adjusted market value due to reasons other than fluctuations in the TSE, such as public offerings or changes in the number of underlier stocks in the TSE First Section, necessary adjustments are made by the TSE to the base market value in order to maintain the continuity of the TOPIX® Index. The TSE makes adjustments as follows:

Event		**Implementation of Adjustment (After Close of Trading)**	**Price Used for Adjustments**
Addition	Company to be listed on the TSE First Section by initial public offering or via another stock exchange	One business day before the last business day of the next month of listing	Price on the adjustment date
Addition	Company included in the TOPIX® Index is to be delisted and a new company established through stockswap or	One business day before the listing date	Base price (used to decide the daily price

similar transaction (including merger through establishing new company and company spin-off) limit)

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Event		Implementation of Adjustment (After Close of Trading)	Price Used for Adjustments
Addition	Transfer to the TSE First Section from the Second Section	One business day before the last business day after such assignment (a free float weight of 0.00 is used from the transfer date to the adjustment date and thus the number of shares to be used for calculation will be 0.00 during such period)	Price on the adjustment date
Addition	Transfer to the TSE First Section from TSE Mothers Index	One business day before the last business day of the next month of transfer (a free float weight of 0.00 is used from the transfer date to the adjustment date and thus the number of shares to be used for calculation will be 0.00 during such period)	Price on the adjustment date
Deletion	Company to be de-listed due to a stock-swap or similar transaction while the newly established company is promptly listed on the TSE First Section	Initial listing date of newly established company (normally two business days after delisting date)	Price one business day before the de-listing date (during the period from the delisting date to the business day before the date of removal from the TOPIX® Index, the price on the business day before the delisting date is used for index calculation)
Deletion	Company to be de-listed due to other reason than described above (merger and stockswap with non-surviving company included in the TOPIX® Index)	One business day before delisting date	Price on the business day before the adjustment date
Deletion	Designation of securities to be delisted	Three business days after the designation of securities to be delisted (one business day after designation if the day of designation is a holiday)	Price on the business day before the adjustment date
Deletion	Transfer to the TSE Second Section from the TSE First Section	One business day before the date of the reassignment date	Price on the business day before the adjustment date

No adjustments will be made to the base market value in the case of a stock split or reverse stock split.

Retroactive adjustments will not be made to revise the figures of the TOPIX® Index that have already been calculated and disseminated even if issuing companies file amendments on previously released information.

If trading in a certain underlier stock is suspended, the TSE regards it as having no change in its share price for purposes of calculating the TOPIX® Index. In the event of unforeseen circumstances, or if the TSE decides it is impossible to use its existing methods to calculate the TOPIX® Index, the TSE may use an alternate method of index calculation as it deems valid.

License Agreement

We expect to enter into a non-exclusive license agreement with the Tokyo Stock Exchange, Inc. ("TSE") providing for the license to us, in exchange for a fee, of the right to use the Tokyo Stock Price Index ("TOPIX Index"), the proprietary data therein contained ("TOPIX Index Value") and the trademarks "TOPIX", Tokyo Stock Exchange" and "Tokyo Stock Price Index/TOPIX" (collectively, the "TOPIX Marks") in connection with certain securities, including the notes.

The TOPIX Index Value and the TOPIX Marks are subject to the proprietary rights owned by the Tokyo Stock Exchange, Inc. and the Tokyo Stock Exchange, Inc. owns all rights and know-how relating to the TOPIX such as calculation, publication and use of the TOPIX Index Value and relating to the TOPIX Marks. The Tokyo Stock Exchange, Inc. shall reserve the rights to change the methods of calculation or publication, to cease the calculation or publication of the TOPIX Index Value or to change the TOPIX Marks or cease the use thereof. The Tokyo Stock Exchange, Inc. makes no warranty or representation whatsoever, either as to the results stemmed from the use of the TOPIX Index Value and the TOPIX Marks or as to the figure at which TOPIX Index Value stands on any particular day. The Tokyo Stock Exchange, Inc. gives no assurance regarding accuracy or completeness of the TOPIX Index Value and data contained therein. Further, the Tokyo Stock Exchange, Inc. shall not be liable for the miscalculation, incorrect publication, delayed or interrupted publication of the TOPIX Index Value. No securities are in no way sponsored, endorsed or promoted by the Tokyo Stock Exchange, Inc. The Tokyo Stock Exchange, Inc. shall not bear any obligation to give an explanation of the securities or any advice on investments to any purchaser of the notes or to the public. The Tokyo Stock Exchange, Inc. neither selects specific stocks or groups thereof nor takes into account any needs of the issuing company or any purchaser of the notes, for calculation of the TOPIX Index Value. Including but not limited to the foregoing, the Tokyo Stock Exchange, Inc. shall not be responsible for any damage resulting from the issue and sale of the notes.

Information from outside sources is not incorporated by reference in, and should not be considered part of, this preliminary pricing supplement, the accompanying product supplement, accompanying index supplement or any accompanying prospectus.

Historical High, Low and Closing Levels of the Basket Underlier

The closing level of the basket underlier has fluctuated in the past and may, in the future, experience significant fluctuations. Any historical upward or downward trend in the level of the basket underlier during any period shown below is not an indication that the basket underlier is more or less likely to increase or decrease at any time during the life of your notes.

The following table sets forth the quarterly high and low closing levels for the basket underlier, based on the daily closing level as reported by Bloomberg, without independent verification. UBS has not conducted any independent review or due diligence of publicly available information obtained from Bloomberg. The level of the basket underlier as of January 25, 2019 was 1,566.10. ***Past performance of the basket underlier is not indicative of the future performance of the basket underlier.***

Quarterly Closing High, Closing Low and Closing Levels of the Basket Underlier*

Quarter Begin	Quarter End	Quarterly Closing High	Quarterly Closing Low	Quarterly Close
1/1/2015	3/31/2015	1,592.25	1,357.98	1,543.11
4/1/2015	6/30/2015	1,679.89	1,528.99	1,630.40
7/1/2015	9/30/2015	1,691.29	1,375.52	1,411.16
10/1/2015	12/31/2015	1,605.94	1,442.74	1,547.30
1/1/2016	3/31/2016	1,509.67	1,196.28	1,347.20
4/1/2016	6/30/2016	1,407.50	1,204.48	1,245.82
7/1/2016	9/30/2016	1,352.67	1,209.88	1,322.78
10/1/2016	12/31/2016	1,552.36	1,301.16	1,518.61
1/1/2017	3/31/2017	1,577.40	1,506.33	1,512.60
4/1/2017	6/30/2017	1,624.07	1,459.07	1,611.90
7/1/2017	9/30/2017	1,676.17	1,590.71	1,674.75
10/1/2017	12/31/2017	1,831.93	1,673.62	1,817.56
1/1/2018	3/31/2018	1,911.07	1,664.94	1,716.30
4/1/2018	6/30/2018	1,815.25	1,703.80	1,730.89
7/1/2018	9/30/2018	1,822.44	1,676.20	1,817.25
10/1/2018	12/31/2018	1,824.03	1,415.55	1,494.09
1/1/2019*	1/25/2019*	1,566.37	1,471.16	1,566.10

*As of the date of this preliminary pricing supplement, available information for the first calendar quarter of 2019 includes data for the period from January 1, 2019 through January 25, 2019. Accordingly, the “Quarterly Closing High”, “Quarterly Closing Low” and “Quarterly Close” data indicated are for this shortened period only and do not reflect complete data for the first calendar quarter of 2019.

The graph below illustrates the performance of the basket underlier from January 1, 2009 through January 25, 2019, based on information from Bloomberg. ***Past performance of the basket underlier is not indicative of the future performance of the basket underlier.***

FTSE® 100 Index

We have derived all information contained in this preliminary pricing supplement regarding the FTSE® 100 Index, including without limitation, its make-up, method of calculation and changes in its components from publicly available information. Such information reflects the policies of, and is subject to change by the FTSE® 100 Index Sponsor, FTSE Group. UBS has not conducted any independent review or due diligence of any publicly available information with respect to the FTSE® 100 Index. The information included below supplements the description of the FTSE® 100 Index found in the accompanying index supplement.

The FTSE Index Sponsor has no obligation to continue to publish, and may discontinue publication of, the FTSE® 100 Index. The FTSE Index Sponsor has no obligation to take into account your interest, or that of anyone else having an interest, in the notes in determining, composing or calculating the FTSE® 100 Index.

The FTSE® 100 Index is a market capitalization-weighted index and consists of the 100 most highly capitalized UK-domiciled companies traded on the SETS trading system of the London Stock Exchange (the "Exchange"). To qualify, companies must have a full listing on the Exchange with a Sterling or Euro denominated price on the Exchange's SETS trading system, subject to eligibility screens. The FTSE Europe/Middle East/Africa Regional ("EMEA") Committee meets quarterly, on the Wednesday before the first Friday in March, June, September and December, to review the underlier stocks of the FTSE 100 Index. A constant number of underlier stocks are maintained for the FTSE 100 Index. Where a greater number of companies qualify to be inserted in the FTSE 100 Index than those qualifying to be deleted, the lowest ranking underlier stocks presently included in the FTSE 100 Index will be deleted to ensure that an equal number of companies are inserted and deleted at the periodic review. Likewise, where a greater number of companies qualify to be deleted than those qualifying to be inserted, the securities of the highest ranking companies which are presently not included in the FTSE 100 Index will be inserted to match the number of companies being deleted at the periodic review.

In addition to the eligibility criteria discussed under "Underlying Indices and Underlying Index Publishers— Non-U.S. Indices — FTSE® 100 Index" on page IS-31 of the accompanying index supplement, in order to be included in the FTSE® 100 Index, a company is required to have greater than 5% of its voting rights (aggregated across all of its equity securities, including, where identifiable, those that are not listed or trading) in the hands of unrestricted shareholders. Current constituents of the FTSE® 100 Index who do not meet this requirement will have until the September 2022 review to meet the requirement or they will be removed from the FTSE® 100 Index.

Additional information on the FTSE® 100 Index is available on the following website: ftse.com/products/indices/uk. We are not incorporating by reference the website or any material it includes in this preliminary pricing supplement.

Index Stock Weighting by Sector as of December 31, 2018

Sector:*	**Percentage (%)****
Oil & Gas	17.23%
Banks	12.88%
Personal & Household Goods	11.10%
Health Care	9.69%
Basic Resources	8.22%
Industrial Goods & Services	6.90%
Insurance	5.18%
Food & Beverage	4.68%
Travel & Leisure	4.42%
Media	4.07%

Telecommunications	3.57%
Utilities	3.18%
Retail	2.63%
Financial Services	2.40%
Construction & Materials	1.46%
Real Estate	0.99%
Chemicals	0.66%
Technology	0.72%

* Sector designations are determined by the underlier sponsor using criteria it has selected or developed. Index sponsors may use very different standards for determining sector designations. In addition, many companies operate in a number of sectors, but are listed in only one sector and the basis on which that sector is selected may also differ. As a result, sector comparisons between indices may reflect differences in sector designation methodology as well as actual differences in the sector composition of the indices.

** Information provided by the FTSE® 100 Index Sponsors. Percentages may not sum to 100% due to rounding.

The top five underlier stocks of the FTSE® 100 Index as of December 31, 2018, by weight, are: HSBC Holdings PLC (7.65%); Royal Dutch Shell PLC Class A (6.17%); BP PLC (5.70%); Royal Dutch Shell PLC Class B (5.16%); and AstraZeneca PLC (4.38%).

Information from outside sources is not incorporated by reference in, and should not be considered part of, this preliminary pricing supplement, the accompanying product supplement, accompanying index supplement or accompanying prospectus. UBS has not conducted any independent review or due diligence of any publicly available information with respect to the FTSE® 100 Index. UBS has entered into a non-exclusive license agreement with the FTSE® 100 Index Sponsor, which grants UBS a license in exchange for a fee to use the FTSE® 100 Index in connection with the issuance of certain securities, including the notes.

"FTSE® 100" is a trademark of the FTSE Index Sponsor and has been licensed for use by UBS. The FTSE® 100 Index Sponsor has no relation to UBS, other than the licensing of the FTSE® 100 Index and its service marks for use in connection with the notes.

The FTSE 100 Index Sponsor disclaims all responsibility for any errors or omissions in the calculation and dissemination of the FTSE Index or the manner in which the FTSE Index is applied in determining any initial FTSE 100 Index Initial Underlying Value or FTSE 100 Index Final Underlying Value or any amount payable upon maturity of the notes.

THE FTSE 100 INDEX SPONSOR DOES NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF THE FTSE 100 INDEX OR ANY DATA INCLUDED IN THE FTSE 100 INDEX. THE FTSE 100 INDEX SPONSOR ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS.

Historical High, Low and Closing Levels of the Basket Underlier

The closing level of the basket underlier has fluctuated in the past and may, in the future, experience significant fluctuations. Any historical upward or downward trend in the level of the basket underlier during any period shown below is not an indication that the basket underlier is more or less likely to increase or decrease at any time during the life of your notes.

The following table sets forth the quarterly high and low closing levels for the basket underlier, based on the daily closing level as reported by Bloomberg, without independent verification. UBS has not conducted any independent review or due diligence of publicly available information obtained from Bloomberg. The closing level of the basket underlier on January 25, 2019 was 6,809.22. ***Past performance of the basket underlier is not indicative of the future performance of the basket underlier.***

Quarterly Closing High, Closing Low and Closing Levels of the Basket Underlier*

Quarter Begin	Quarter End	Quarterly Closing High	Quarterly Closing Low	Quarterly Close
1/1/2015	3/31/2015	7,037.67	6,366.51	6,773.04
4/1/2015	6/30/2015	7,103.98	6,520.98	6,520.98
7/1/2015	9/30/2015	6,796.45	5,898.87	6,061.61
10/1/2015	12/31/2015	6,444.08	5,874.06	6,242.32
1/1/2016	3/31/2016	6,203.17	5,536.97	6,174.90
4/1/2016	6/30/2016	6,504.33	5,923.53	6,504.33
7/1/2016	9/30/2016	6,941.19	6,463.59	6,899.33
10/1/2016	12/31/2016	7,142.83	6,693.26	7,142.83
1/1/2017	3/31/2017	7,429.81	7,099.15	7,322.92
4/1/2017	6/30/2017	7,547.63	7,114.36	7,312.72
7/1/2017	9/30/2017	7,542.73	7,215.47	7,372.76
10/1/2017	12/31/2017	7,687.77	7,300.49	7,687.77
1/1/2018	3/31/2018	7,778.64	6,888.69	7,056.61
4/1/2018	6/30/2018	7,877.45	7,030.46	7,636.93
7/1/2018	9/30/2018	7,776.65	7,273.54	7,510.20
10/1/2018	12/31/2018	7,510.28	6,584.68	6,728.13
1/1/2019*	1/25/2019*	6,970.59	6,692.66	6,809.22

*As of the date of this preliminary pricing supplement, available information for the first calendar quarter of 2019 includes data for the period from January 1, 2019 through January 25, 2019. Accordingly, the “Quarterly Closing High”, “Quarterly Closing Low” and “Quarterly Close” data indicated are for this shortened period only and do not reflect complete data for the first calendar quarter of 2019.

The graph below illustrates the performance of the basket underlier from January 1, 2009 through January 25, 2019, based on information from Bloomberg. ***Past performance of the basket underlier is not indicative of the future performance of the basket underlier.***

Swiss Market Index (SMI)®

The SMI Index contains approximately 85% of the entire free float market capitalization of the Swiss equity market and is made up of 20 of the largest and most liquid stocks from the Swiss Performance Index ("SPI"). Its composition is examined twice a year by the Management Committee and the Index Commission, and any changes to the index composition of the SMI Index are made once a year. The Swiss Market Index (SMI)® (the "SMI Index") was standardized on June 30, 1988 at a baseline value of 1500 points and is maintained by the SIX Swiss Exchange Ltd (the "SMI Index Sponsor"). Additional information on the SMI Index is available from the following website: six-swiss-exchange.com/indices/overview_en.html. We are not incorporating by reference the website or any material it includes in this preliminary pricing supplement.

The position of each security is determined by a combination of average free-float market capitalization (compared to the capitalization of the entire SPI) and cumulated on order book turnover (compared to the total turnover of the SPI). A security is admitted to the SMI Index if it ranks 18 or better in the selection list. A security ranked 19 or 20 is admitted only if a security that was already included in the SMI Index meets the exclusion criteria directly (i.e., ranks in position 23 or lower) and no security that either meets the admission criteria directly (i.e., ranks in position 18 or higher) or is rated higher has moved up in its place. A security is excluded from the SMI Index if it ranked 23 or lower in the selection list. A security that ranks 21 or 22 is excluded only if it meets the admission criteria directly (i.e., ranks in position 18 or higher) and no security that either meets the exclusion criteria directly (position 23 or lower) or is rated lower has been excluded in its place.

Capped Weightings and Intra-Quarter Breaches. The weight of any underlier stock that exceeds a weight of 18% within the SMI Index is reduced to that value at each ordinary quarterly adjustment date by applying a capping factor to the calculation of such underlier stock's free float market capitalization. An underlier stocks's number of shares and free float figure are used to determine its capping factor. The excess weight (the difference of the original weight minus the capped weight) is distributed proportionally across the other underlier stocks. The underlier stocks are also capped to 18% as soon as two underlier stocks exceed a weight of 20% (an "intra-quarter breach"). If an intra-quarter breach is observed after the close of the markets, a new calculation of the capping factors is executed immediately and communicated to the market in order to ensure that the maximum weight per underlier stock is capped at 18% for the opening on the next day. In order to achieve a capped weighting while attempting to not cause market distortion, a stepwise reduction is conducted based on the ordinary quarterly index adjustment reviews to ensure that no change in the weight (as a result of capping) from one review to the next exceeds 3%. The transition period is in effect until no component has a weight larger than 18%. In the case of an intraquarter breach, the weights are limited to the last defined weights as of the prior review.

The SMI Index is a non-dividend-adjusted price index. The SMI Index is calculated using the Laspeyres method with the weighted arithmetic mean of a defined number of securities issues. The index level is calculated by dividing the market capitalization of all securities included in the index by a divisor.

The divisor is a technical number used to calculate the index. If the market capitalization changes due to a corporate event, the divisor changes while the index value remains the same. The new divisor is calculated on the evening of the day before the corporate event takes effect. Regular cash dividend payments do not result in adjustments to the divisor. Repayments of capital through the reduction of a share's par value, which can take the place of a regular cash dividend or constitute a component of the regular distribution, are treated in the same way as a normal dividend payment and no adjustments are made to the divisor. Distributions such as special dividends and anniversary bonuses that, contrary to a company's usual dividend policy, are paid out or declared extraordinary dividends, are not deemed dividends in the above sense. These distributions are considered corporate events and also result in adjustments to the divisor.

As of December 29, 2017, the top ten underlier stocks of the index (and their respective weightings in the index) were: Nestle SA (18.04%); Roche Holding AG (17.79%); Novartis AG (17.71%); UBS Group AG (7.10%); ABB Ltd (4.88%); Financiere Richemont SA (4.74%); Zurich Insurance Group AG (4.61%); Credit Suisse Group AG (4.34%); Compagnie Swiss Re AG (3.01%); and LafargeHolcim LTD (2.71%).

As of December 29, 2017, the ICB industry sectors in the index (and their respective weights) were: Basic Materials (1.84%), Consumer Goods (24.03%), Financials (21.62%), Health Care (37.52%), Industrials (13.63%) and Telecommunications (1.35%) (may not sum to 100% due to rounding). Sector designations are determined by the index sponsor using criteria it has selected or developed. Index sponsors may use very different standards for determining sector designations. In addition, many companies operate in a number of sectors, but are listed in only one sector and the basis on which that sector is selected may also differ. As a result, sector comparisons between indices with different index sponsors may reflect differences in methodology as well as actual differences in the sector composition of the indices.

We have derived all information regarding the SMI Index contained in this preliminary pricing supplement from publicly available information without independent verification. Such information reflects the policies of, and is subject to change by the SMI Index Sponsor. The SMI Index Sponsor owns the copyright and all other rights to the SMI Index. The SMI Index Sponsor has no obligation to continue to publish, and may discontinue publication of, the SMI Index.

License Agreement

SIX Swiss Exchange AG ("SIX Swiss Exchange") and its licensors ("Licensors") have no relationship to UBS, other than the licensing of the SMI Index and the related trademarks for use in connection with the notes.

SIX Swiss Exchange and its Licensors do <u>not</u>:

- sponsor, endorse, sell or promote the notes.
- recommend that any person invest in the notes or any other securities.
- have any responsibility or liability for or make any decisions about the timing, amount or pricing of the notes.
- have any responsibility or liability for the administration, management or marketing of the notes.
- consider the needs of the notes or the owners of the notes in determining, composing or calculating the SMI Index or have any obligation to do so.

SIX Swiss Exchange and its Licensors give no warranty, and exclude any liability (whether in negligence or otherwise), in connection with the notes or their performance.

SIX Swiss Exchange does not assume any contractual relationship with the purchasers of the notes or any other third parties.

Specifically,

- SIX Swiss Exchange and its Licensors do not give any warranty, express or implied, and exclude any liability for:
  - The results to be obtained by the notes, the owner of the notes or any other person in connection with the use of the SMI Index and the data included in the SMI Index;
  - The accuracy, timeliness, and completeness of the SMI Index and its data;
  - The merchantability and the fitness for a particular purpose or use of the SMI Index and its data; or
  - The performance of the notes generally.
- SIX Swiss Exchange and its Licensors give no warranty and exclude any liability, for any errors, omissions or interruptions in the SMI Index or its data.
- Under no circumstances will SIX Swiss Exchange or its Licensors be liable (whether in negligence or otherwise) for any lost profits or indirect, punitive, special or consequential damages or losses, arising as a result of such errors, omissions or interruptions in the SMI Index or its data or generally in relation to the notes, even in circumstances where SIX Swiss Exchange or its Licensors are aware that such loss or damage may occur.

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The licensing Agreement between UBS and SIX Swiss Exchange is solely for their benefit and not for the benefit of the owners of the notes or any other third parties.

Information from outside sources is not incorporated by reference in, and should not be considered part of, this preliminary pricing supplement, the accompanying product supplement, accompanying index supplement or any accompanying prospectus.

Historical High, Low and Closing Levels of the Basket Underlier

The closing level of the basket underlier has fluctuated in the past and may, in the future, experience significant fluctuations. Any historical upward or downward trend in the level of the basket underlier during any period shown below is not an indication that the basket underlier is more or less likely to increase or decrease at any time during the life of your notes.

The following table sets forth the quarterly high and low closing levels for the basket underlier, based on the daily closing level as reported by Bloomberg, without independent verification. UBS has not conducted any independent review or due diligence of publicly available information obtained from Bloomberg. The closing level of the basket underlier on January 25, 2019 was 8,922.49. ***Past performance of the basket underlier is not indicative of the future performance of the basket underlier.***

Quarterly Closing High, Closing Low and Closing Levels of the Basket Underlier*

Quarter Begin	Quarter End	Quarterly Closing High	Quarterly Closing Low	Quarterly Close
1/1/2015	3/31/2015	9,396.29	7,899.59	9,128.98
4/1/2015	6/30/2015	9,471.46	8,780.91	8,780.91
7/1/2015	9/30/2015	9,526.79	8,278.07	8,513.41
10/1/2015	12/31/2015	9,016.56	8,375.31	8,818.09
1/1/2016	3/31/2016	8,701.46	7,496.62	7,807.89
4/1/2016	6/30/2016	8,292.45	7,594.49	8,020.15
7/1/2016	9/30/2016	8,320.99	7,898.21	8,139.01
10/1/2016	12/31/2016	8,259.45	7,593.20	8,219.87
1/1/2017	3/31/2017	8,704.39	8,229.01	8,658.89
4/1/2017	6/30/2017	9,127.61	8,529.28	8,906.89
7/1/2017	9/30/2017	9,176.99	8,814.54	9,157.46
10/1/2017	12/31/2017	9,452.32	9,084.04	9,381.87
1/1/2018	3/31/2018	9,611.61	8,509.29	8,740.97
4/1/2018	6/30/2018	9,000.89	8,456.95	8,609.30
7/1/2018	9/30/2018	9,201.22	8,529.59	9,087.99
10/1/2018	12/31/2018	9,175.21	8,195.64	8,429.30
1/1/2019*	1/25/2019*	9,023.96	8,466.01	8,922.49

*As of the date of this preliminary pricing supplement, available information for the first calendar quarter of 2019 includes data for the period from January 1, 2019 through January 25, 2019. Accordingly, the “Quarterly Closing High,” “Quarterly Closing Low” and “Quarterly Close” data indicated are for this shortened period only and do not reflect complete data for the first calendar quarter of 2019.

The graph below illustrates the performance of the basket underlier from January 1, 2009 through January 25, 2019, based on information from Bloomberg. ***Past performance of the basket underlier is not indicative of the future performance of the basket underlier.***

S&P/ASX 200 Index

The S&P/ASX 200 Index (the "S&P/ASX 200 Index") was introduced in April 2000 and is maintained by the S&P/ASX Index Committee (the "ASX Committee"), a team of five representatives from both S&P Dow Jones Indices LLC ("S&P") and the Australian Securities Exchange ("ASX").

As of December 31, 2018, the top 10 underlier stocks by weight were the following: Commonwealth Bank of Australia, BHP Group Ltd., Westpac Banking Corp., CSL Ltd., ANZ Banking Group, National Australia Bank Ltd., Woolworths Group Ltd., Wesfarmers Ltd., Macquarie Group Ltd. and Telstra Corp Ltd.

As of December 31, 2018, the 11 GICS industry sectors represented by stocks in the index include: Financials (32.6%), Materials (18.2%), Healthcare (8.7%), Industrials (8.0%), Real Estate (7.4%), Consumer Discretionary (6.3%), Consumer Staples (5.8%), Energy (5.4%), Communications Services (3.5%), Information Technology (2.1%) and Utilities (2.0%). Sector designations are determined by the index sponsor using criteria it has selected or developed. Index sponsors may use very different standards for determining sector designations. In addition, many companies operate in a number of sectors, but are listed in only one sector and the basis on which that sector is selected may also differ. As a result, sector comparisons between indices with different index sponsors may reflect differences in methodology as well as actual differences in the sector composition of the indices. As of the close of business on September 21, 2018, the S&P and MSCI, Inc. updated the Global Industry Classification Sector structure. Among other things, the update broadened the Telecommunications Services sector and renamed it the Communication Services sector. The renamed sector includes the previously existing Telecommunication Services Industry group, as well as the Media Industry group, which was moved from the Consumer Discretionary sector and renamed the Media & Entertainment Industry group. The Media & Entertainment Industry group contains three industries: Media, Entertainment and Interactive Media & Services. The Media industry continues to consist of the Advertising, Broadcasting, Cable & Satellite and Publishing sub-industries. The Entertainment industry contains the Movies & Entertainment sub-industry (which includes online entertainment streaming companies in addition to companies previously classified in such industry prior to September 21, 2018) and the Interactive Home Entertainment sub-industry (which includes companies previously classified in the Home Entertainment Software sub-industry prior to September 21, 2018 (when the Home Entertainment Software sub-industry was a sub-industry in the Information Technology sector)), as well as producers of interactive gaming products, including mobile gaming applications). The Interactive Media & Services industry and sub-industry includes companies engaged in content and information creation or distribution through proprietary platforms, where revenues are derived primarily through pay-per-click advertisements, and includes search engines, social media and networking platforms, online classifieds and online review companies. The Global Industry Classification Sector structure changes were effective for the S&P/ASX 200 Index as of the open of business on September 24, 2018 to coincide with the September 2018 quarterly rebalancing.

As of December 31, 2018, the countries of domicile included in the index and their relative weights were: Australia (97.5%), New Zealand (1.3%), United States (0.8%), France (0.3%) and United Kingdom (0.2%).

The S&P/ASX 200 Index is composed of the 200 largest index-eligible stocks listed on the ASX by float-adjusted market capitalization. The index is float-adjusted, covering approximately 80% of Australian equity market capitalization.

The S&P/ASX 200 Index classifies stocks according to the Global Industry Classification Standard ("GICS"). These sectors, consistent throughout all the S&P-branded indices, are Consumer Discretionary, Consumer Staples, Energy, Financials, Health Care, Industrials, Information Technology, Materials, Telecommunication Services and Utilities. GICS classifies a stock according to a number of measures, including revenues, earnings and the market's perception of a company.

Only stocks listed on the Australian Stock Exchange (the "ASX") are considered for inclusion in the S&P/ASX 200 Index. Stocks are assessed based on the average of their previous six-month day-end free float adjusted market capitalization. Only stocks that are regularly traded are considered for inclusion in the S&P/ASX 200 Index. A stock's liquidity is measured relative to its size peers.

The ASX Committee rebalances the underlier stocks quarterly to ensure adequate market capitalization and liquidity. Both market capitalization and liquidity are assessed using the previous six months' worth of

data to determine index eligibility. Quarterly rebalancing changes take effect on the third Friday of March, June, September and December. The weighting of underlier stocks in the S&P/ASX 200 Index is determined by a float factor, called an Investable Weight Factor ("IWF") assigned to each stock by the ASX Committee. The IWF is a variable that is primarily used to determine the available float of a security for ASX listed securities. IWFs are reviewed annually as part of the September quarterly review. However, any event that alters the float of a security in excess of 5% will be implemented as soon as practicable by an adjustment to the IWF.

The S&P/ASX 200 Index is calculated using a base-weighted aggregate methodology where the level of an index reflects the total market value of all the component stocks relative to a particular base period. On any given day, the index value is the quotient of the total available market capitalization of the index's underlier stocks and its divisor. Continuity in index values is maintained by adjusting the divisor for all changes in an underlier stock's share capital after the base date.

You may find information about the S&P/ASX 200 Index on the S&P website at us.spindices.com/indices/equity/sp-asx-200. We are not incorporating by reference the website or any material it includes in this preliminary pricing supplement.

We have derived all information regarding the S&P/ASX 200 Index contained herein from publicly available information without independent verification. Such information reflects the policies of, and is subject to change by, the ASX Committee. Historical performance of the S&P/ASX Index is not an indication of future performance. Future performance of the S&P/ASX Index may differ significantly from historical performance, either positively or negatively.

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Information from outside sources is not incorporated by reference in, and should not be considered part of, this preliminary pricing supplement, the accompanying product supplement, accompanying index supplement or any accompanying prospectus.

Historical High, Low and Closing Levels of the Basket Underlier

The closing level of the basket underlier has fluctuated in the past and may, in the future, experience significant fluctuations. Any historical upward or downward trend in the initial underlier level during any period shown below is not an indication that the basket underlier is more or less likely to increase or decrease at any time during the life of your notes.

The following table sets forth the quarterly high and low closing levels for the basket underlier, based on the daily closing level as reported by Bloomberg, without independent verification. UBS has not conducted any independent review or due diligence of publicly available information obtained from Bloomberg. The closing level of the basket underlier on January 25, 2019 was 5,905.605. ***Past performance of the basket underlier is not indicative of the future performance of the basket underlier.***

Quarterly Closing High, Closing Low and Closing Levels of the Basket Underlier*

Quarter Begin	Quarter End	Quarterly Closing High	Quarterly Closing Low	Quarterly Close
1/1/2015	3/31/2015	5,975.491	5,299.237	5,891.505
4/1/2015	6/30/2015	5,982.694	5,422.487	5,459.010
7/1/2015	9/30/2015	5,706.715	4,918.429	5,021.629
10/1/2015	12/31/2015	5,351.565	4,909.555	5,295.859
1/1/2016	3/31/2016	5,270.475	4,765.346	5,082.785
4/1/2016	6/30/2016	5,408.017	4,924.385	5,233.375
7/1/2016	9/30/2016	5,587.392	5,197.547	5,435.921
10/1/2016	12/31/2016	5,699.068	5,156.556	5,665.791
1/1/2017	3/31/2017	5,896.229	5,610.972	5,864.905
4/1/2017	6/30/2017	5,956.523	5,665.721	5,721.494
7/1/2017	9/30/2017	5,785.102	5,655.420	5,681.610
10/1/2017	12/31/2017	6,088.143	5,651.766	6,065.129
1/1/2018	3/31/2018	6,135.807	5,759.365	5,759.365
4/1/2018	6/30/2018	6,232.134	5,751.924	6,194.633
7/1/2018	9/30/2018	6,352.236	6,128.717	6,207.561
10/1/2018	12/31/2018	6,185.486	5,467.639	5,646.400
1/1/2019*	1/25/2019*	5,905.605	5,557.755	5,905.605

*As of the date of this preliminary pricing supplement, available information for the first calendar quarter of 2019 includes data for the period from January 1, 2019 through January 25, 2019. Accordingly, the “Quarterly Closing High”, “Quarterly Closing Low” and “Quarterly Close” data indicated are for this shortened period only and do not reflect complete data for the first calendar quarter of 2019.

The graph below illustrates the performance of the basket underlier from January 1, 2009 through January 25, 2019, based on information from Bloomberg. ***Past performance of the basket underlier is not indicative of the future performance of the basket underlier.***

We have not authorized anyone to provide any information or to make any representations other than those contained or incorporated by reference in this preliminary pricing supplement, the accompanying product supplement, the accompanying index supplement or the accompanying prospectus. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. This preliminary pricing supplement, the accompanying product supplement, the accompanying index supplement and the accompanying prospectus is an offer to sell only the notes offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so. The information contained in this preliminary pricing supplement, the accompanying product supplement, the accompanying index supplement and the accompanying prospectus is current only as of the respective dates of such documents.

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Capped Leveraged Buffered Basket-Linked Medium-Term Notes due

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